



UNIVERSITY OF KENTUCKY Purchasing Division

INVITATION FOR BIDS

CCK-2655-23

ADDENDUM# 3

09/15/2022

ATTENTION: This is not an order. Read all instructions, terms and conditions carefully.

IMPORTANT: BID AND ADDENDUM MUST BE RECEIVED BY: 09/27/2022 @ 3:00 P.M. LEXINGTON, KY TIME

Bidder must acknowledge receipt of this and any addendum as stated in the Invitation for Bids.

1. Please refer to and incorporate into your bid, the following additional information for this project from GBBN Architects, Inc.
2. If you have any questions, please contact Ken Scott at the number below or at kenneth.scott@uky.edu.

OFFICIAL APPROVAL
UNIVERSITY OF KENTUCKY

SIGNATURE

Ken Scott _____

09/15/2022

Ken Scott / (859) 257-9102

Typed or Printed Name



BP-2_ADDENDUM NO. 3

BY: GBBN Architects, Inc.
609 W Main Street
Louisville, KY 40202
502.583.0700

Subject: Renovate/Upgrade UK Healthcare Facilities
Pavilion A Level B Support Services Renovation
UK # 2239.77

FOR: University of Kentucky
222 Peterson Service Building
Lexington, KY 40506

TO: All Bidders of Record

Acknowledge receipt of this Addendum by inserting its number and date in the space provided on the Bid Form. Failure to do so may subject bidders to disqualification. This Addendum forms a part of the Bidding Documents and revises the Bidding Documents as follows:

PART 1, PROJECT MANUAL

- 1.1 Volume 4
 - A. Equipment Specification

PART 2, DRAWINGS

- 2.1 Sheet A10B-A.6 – LEVEL B DIMENSION PLAN – AREA A PHASE 6
 - A. See clouded areas
- 2.2 Sheet A611b – DOOR & FRAME SCHEDULE AND DETAILS
 - A. Replacement sheet for sheet A611.
 - B. See clouded areas and reference numbers in door schedule



2.3 Sheet A824 – CS-ORMM ADMIN & STAFF SPACES

- A. See clouded areas

PART 3, ATTACHMENTS

3.1 Specifications

- A. Volume 4
- B. 262400 Electrical Distribution Equipment

3.2 Drawings

- A. A10B-A.6 Level B Dimension Plan – Area A Phase 6
- B. A611b – Door & Frame Schedule and Details
- C. A824 – CS-ORMM Admin & Staff Spaces
- D. E46BA
- E. E56Ba
- F. M36BA
- G. M62

3.3 Sketches:

- 1. N/A

3.4 CMTA Addendum 3 Summary

END OF ADDENDUM NO. 3

UK Pav A Level B Support Services Renovation – BP#2
ADDENDUM #3 - MEP **9/13/2022**

Item #1 Refer to the Mechanical Specifications, Section 201300

A. Refer to subsection E. Add the following verbiage:

“(2) Victaulic 607 or engineer approved equivalent mechanical grooved pipe couplings and fittings may be used in lieu of solder. For potable water, product shall utilize grade “P” EPDM gasket rated from +0°F to +180°F for improved resistance to chlorine, chloramine and other typical potable water disinfectants. Victaulic 608N may be utilized with copper groove system.”

B. Refer to subsection G. Revise to read as follows:

“G. Hydronic Piping (Heating Hot Water, Chilled water systems, Glycol Chilled Water System)

- i. 2" and Smaller: Type "L" hard copper tubing with wrought copper fittings and 95/5 solder.
- ii. 2-1/2" and Larger: Schedule 40 black steel pipe with 125# welded or flanged joints. Weldolets may be used for branch line connections to pipe mains. Type "L" hard copper piping with wrought copper fittings and 95/5 solder may be installed.

iii. Special Notes:

- 1. Dielectric unions shall be provided at all connections of dissimilar materials.
- 2. Piping shall meet all State Boiler Code requirements. Pay particular attention to welded pipe requirements for hot water systems.
- 3. Takeoffs and branch piping to individual coils or heat pumps shall not be connected to the bottom of hydronic mains. Connection to mains shall be at the side of the main. Also refer to details on the drawings.

iv. Mechanically Grooved Pipe (For Domestic and Hydronic Systems)

1. COPPER PIPE

a. Wrought-Copper Fittings: ASME B16.22.

- i. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - 1. Victaulic Company of America.
- ii. Grooved-End Tube Couplings: Rigid pattern, unless otherwise indicated; gasketed fitting. Ductile-iron housing with keys matching pipe and fitting grooves. Gasket shall be Grade “P” fluoroelastomer compound designed for potable water service. Couplings shall be Victaulic Style 607 and Butterfly Valve Victaulic Style 608N. If contractor elects to use stainless steel, Victaulic style 889 Couplings may be utilized in conjunction with Style 861 Butterfly Valve.

2. CARBON STEEL PIPE

- a. Wrought-Steel Fittings: ASTM A 234/A 234M, wall thickness to match adjoining pipe.

- i. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work for Heating Hot Water, Condenser Water and Chilled Water include, but are not limited to, the following:
 1. Couplings shall be Victaulic Styles 107N for 2" – 12" and W07 for 14" and above. Gaskets shall be grade "EHP" EDPM designed for operating temperatures from -30 deg F to +250 deg F.
 2. Flexible Type: Use in locations where vibration attenuation and stress relief are required. Three flexible couplings may be used in lieu of flexible connectors at equipment connections and shall be placed in close proximity to the vibration source. Victaulic Style 177/W77. Equipment may be dressed with Style 380, 381 and 385 assemblies in conjunction with Victaulic headers.
 3. All grooved components must be of one manufacturer.
 4. Victaulic 300-Series/WVic-300 Butterfly Valve and 716/W716 Check Valve may be used with grooved piping system. Utilization of "Tri-Service" Assembly is acceptable
 5. Victaulic Style 730/W730 Strainers are acceptable. Contractor may utilize Victaulic Style 731D Suction Diffuser with grooved end piping system.
 6. Victaulic Y-Patterson Globe Style Balance Valve shall be utilized on coil connections.
 7. Contractor may elect to utilize prefabrication services through Victaulic.
- b. Grooved Joining Method. Assemble joints with coupling and gasket, lubricant and bolts. Cut or Roll grooves in ends of pipe based on pipe and coupling manufacturer's written instructions, which may or may not include torque settings, torque wrenches, extreme lubricant and specified gaps. Engineer and Owner reserve the right to inspect any and all installation of product. Factory trained representative must periodically visit the job site and provide on-site training. Grooved pipe shall be produced using the Victaulic RG5200i/5200i fully automated grooving tool, where applicable, that provides groove traceability documents, corresponding identification marks on the pipe, and confirm all critical dimensions fall into the required tolerance range as listed by the tool manufacturer.

3. INSPECTION SERVICES AND WARRANTY

- a. The installing contractor shall be certified by the grooved coupling manufacturer. A Victaulic factory trained representative (direct employee) shall provide on-site certification training for the contractor's field personnel in the use of grooving tools, application of groove, and product installation. Applicable pipe shall be grooved utilizing Victaulic RG5200i grooving machine. A manufacturer's factory trained inspector shall visit the job site and review grooved joint products installation. The installing contractor shall remove and replace any improperly installed products. Upon completion of the manufacturer's inspection of the installation, the manufacturer will supply the owner and engineer with an inspection log and subsequent extended ten-year warranty on the inspected products.
- b. The contractor shall provide a dedicated line item in the Schedule of Values for this service.

Item #2 Refer to the Mechanical Specifications, Section 250200

- A. Refer to the "QUALITY ASSURANCE" section. Acceptable Tier 1 BACNet/IP manufacturers shall include Johnson Controls, Honeywell, Vykon. Acceptable Tier 2 BACNet/MSTP manufacturers shall include Johnson Controls, Honeywell, Alerton, and Distech.

Item #3 Refer to the Mechanical Drawings, Sheet M36 – LEVEL 0B – HYDRONICS PLAN – AREA A – PHASE 6

- A. Thermostat relocated in room A0B400D.

Item #4 Refer to the Mechanical Drawings, Sheet M62 – MECHANICAL SCHEDULES

- A. Refer to clouded area for updated Air Handling Unit Schedule and Coil data.

Item #5 Refer to the Electrical Specifications, Section 262400 – Electrical Distribution Equipment

- A. Refer to paragraph 2(M) – New verbiage to be "Panels shall be Square "D", G.E., Siemens or approved equivalent. Note, Eaton has been removed.

Item #6 Refer to the Electrical Sheet E46B-A – LEVEL 0B – NEW WORK LIGHTING – AREA A – PHASE 2.6

- A. Shifted two light switches off of glass in offices A0B400C and B, shifted dimmer switch and exit sign at new swing door at conf room A0B400A.

Item #7 Refer to the Electrical Sheet E56B-A – LEVEL 0B – NEW WORK POWER – AREA A – PHASE 2.6

- A. Shifted receptacles next to new swinging door in room A0B400.

END OF ADDENDA ITEMS

**PROJECT MANUAL
VOLUME 4
PHASE 3 – CONTRACT / BID DOCUMENTS - BP #2
ADDENDUM 3 - 09/13/22**



**Renovate / Upgrade
University of Kentucky Healthcare Facilities
Support Services Level B (Pav A)**

UK Project No. 2239.77

PROJECT TEAM

Project Architect
GBBN Architects, Inc.
609 West Main St.
Louisville, KY 40202
502.583.0700

MEP Engineer
CMTA Engineers
2429 Members Way
Lexington, KY 40504
859.253.0892

Food Service
Rippe Associates
10400 Yellow Cir Drive #100
Minnetonka, MN 55343
952.933.0313

Structural Engineers
Brown + Kubican
2224 Young Drive
Lexington, KY 40505
859.543.0933

Supply Chain Engineer
St. Onge Company
1400 Williams Road
York, PA 17402
717.840.8181

OWNER

University of Kentucky
222 Peterson Service Building
Lexington, KY 40506
859.257.5911
www.uky.edu/cpmd

PROJECT LOCATION

UK Albert B. Chandler Hospital
Pavilion A
1000 South Limestone
Lexington, KY 40536

00 0110

TABLE OF CONTENTS

COVER & TABLE OF CONTENTS

00 0001.2	Title Page - Vol 2
00 0002	Title Page – Professional Seals
00 0110	Table of Contents

DIVISION 00 PROCUREMENT AND CONTRACTING REQUIREMENTS

00 4400	Substitutions Prior to Bidding Substitution Request Form
00 9000	Existing Code Summary

DIVISION 01 GENERAL REQUIREMENTS

01 1100	Summary of Work
01 2200	Unit Prices
01 2500	Owner Furnished Items
01 3100	Project Management and Coordination
01 3300	Submittal Procedures
01 3300.01	Electronic Data Transfer Agreement
01 3500	Interim Life Safety Measures (ILSM)
01 3600	Indoor Air Quality
01 4000	Quality Requirements
01 5000	Temporary Facilities and Controls
01 6000	Product Requirements
01 7300	Execution
01 7329	Cutting and Patching
01 7700	Closeout Procedures

DIVISION 02 EXISTING CONDITIONS

02 4110	Selective Demolition
---------	----------------------

DIVISION 04 MASONRY

04 2000	Unit Masonry
---------	--------------

DIVISION 05 METALS

05 5000	Metal Fabrications
---------	--------------------

DIVISION 06 WOOD, PLASTICS, AND COMPOSITES

06 1050	Miscellaneous Rough Carpentry
06 4000	Architectural Woodwork
06 6116	Solid Surfacing Fabrications

DIVISION 07 THERMAL AND MOISTURE PROTECTION

07 2100	Insulation
07 8100	Applied Fireproofing - Patching
07 8400	Firestopping
07 9200	Joint Sealants

DIVISION 08 OPENINGS

- 08 1100 Hollow Metal Doors and Frames
- 08 1400 Wood Doors
- 08 3100 Access Doors and Frames
- 08 7100 Door Hardware
- 08 7100.2 Door Hardware Sets BP#2
- 08 7113 Automatic Door Operators
- 08 8000 Glazing

DIVISION 09 FINISHES

- 09 0160 Concrete Flooring Repair
- 09 0600 Material Schedule
- 09 2216 Non-Structural Metal Framing
- 09 2900 Gypsum Board
- 09 3000 Tiling
- 09 5100 Acoustical Ceilings
- 09 6100 Flooring Treatment
- 09 6500 Resilient Flooring
- 09 6813 Tile Carpeting
- 09 9100 Painting

DIVISION 10 SPECIALTIES

- 10 1100 Visual Display Surfaces
- 10 2113 Toilet Compartments
- 10 2600 Wall Protection
- 10 2813 Toilet Room Accessories
- 10 4400 Fire Protection Specialties
- 10 5113 Metal Lockers

DIVISION 12 FURNISHINGS

- 12 3100 Modular Metal Casework
- 12 3100.01 Modular Metal Casework Description
- 12 3100.02 Modular Metal Casework Diagram

DIVISION 20 MECHANICAL PROVISIONS APPLICABLE TO DIVISIONS

- 20 0100 General Provisions
- 20 0200 Scope of the Mechanical Work
- 20 0300 Shop Drawings, Descriptive Literature, Maintenance Manuals, Parts Lists, Special Keys and Tools
- 20 0400 Demolition and Salvage
- 20 0500 Coordination Among Trades, Connection of Equipment
- 20 1100 Sleeving, Cutting, Patching and Repairing
- 20 1300 Pipe, Pipe Fittings, and Pipe Support
- 20 1310 Welding
- 20 2100 Valves and Cocks
- 20 2110 Access to Valves, Equipment, Filters, Etc.
- 20 2200 Insulation
- 20 2300 Thermometers and Others, Monitoring Instruments
- 20 2400 Identifications, Tags, Charts, Etc.
- 20 2500 Hangers, Clamps, Attachments, Etc.
- 20 3100 Testing, Balancing, Lubrication and Adjustments

DIVISION 21 FIRE PROTECTION

21 0100 Fire Protection

DIVISION 22 PLUMBING

22 0100 Plumbing Specialties
22 0200 Plumbing Fixtures, Fittings and Trim

DIVISION 23 HVAC

23 0200 HVAC Equipment
23 0300 Condensate Drainage System
23 1100 Registers, Grilles, Diffuser and Louvers
23 1200 Sheet Metal & Flexible Duct

DIVISION 25 BUILDING AUTOMATION SYSTEM

25 0100 Motor Starters and Other Electrical Requirements for Mechanical Equipment
25 0200 Instrumentation and Control for HVAC

DIVISION 26 ELECTRICAL PROVISIONS APPLICABLE TO DIVISIONS

26 0501 General Provisions - Electrical
26 0502 Scope of the Electrical Work
26 0503 Shop Drawings, Descriptive Literature, Maintenance Manuals, Parts Lists, Special Keys & Tools
26 0504 Sleeving, Cutting, Patching and Repairing
26 0505 Demolition
26 0508 Coordination Among Trades
26 0519 Conductors
26 0526 Grounding
26 0531 Cabinets
26 0533 Raceways and Fittings
26 0553 Identifications
26 2400 Electrical Distribution Equipment
26 2726 Wiring Devices and Plates.
26 5113 Lighting Fixtures and Lamps
26 5116 Lighting Control Systems

DIVISION 27 COMMUNICATIONS

27 0610 Voice Data CCTV System

DIVISION 28 ELECTRONIC SAFETY AND SECURITY

28 1643 Perimeter Security Safety
28 1650 Grounding and Bonding for Electronic Safety and Security
28 2300 Video Surveillance
28 3100 Fire Alarm System

VOL 4 OFE SPEC BOOK

00 0001.4 TITLE PAGE – VOL 4
UK Basement Level OFE Spec

END OF TABLE OF CONTENTS

Dept	Room	Room #	Room Qty	Atta ID	Ext Qty	Description	Mfr
Central Sterile / OR Materials	Supply Storage	A0B510	1	4986-013	8	Shelving, Bins, Wall	Akro-Mils
Central Sterile / OR Materials	Supply Storage	A0B510	1	5830-067	12	Cart, Case, Medium (40-49in wide)	Blickman Industries
Central Sterile / OR Materials	Cart Hold	A0B508	1	5830-067	62	Cart, Case, Medium (40-49in wide)	Blickman Industries
Central Sterile / OR Materials	Decontamination	A0B418	1	5830-067	23	Cart, Case, Medium (40-49in wide)	Blickman Industries
Central Sterile / OR Materials	Open Office		1	7531-006	1	Waste Can, Confidential	Cintas Corporation
Central Sterile / OR Materials	Breakroom	A0B502	1	4914-024	1	Ice Machine, Dispenser, Nugget, Wall Mount	Follett LLC
Central Sterile / OR Materials	Lactation	A0B503	1	4238-116	1	Refrigerator, Domestic, Undercounter	Frigidaire - Div. Electrolux
Central Sterile / OR Materials	Open Office		1	4238-116	1	Refrigerator, Domestic, Undercounter	Frigidaire - Div. Electrolux
Central Sterile / OR Materials	Breakroom	A0B502	1	6084-031	1	Dispenser, Paper Towel, Surface Mount	Georgia Pacific
Central Sterile / OR Materials	Drop/Doffing	A0B425	1	6084-031	1	Dispenser, Paper Towel, Surface Mount	Georgia Pacific
Central Sterile / OR Materials	Toilets		8	6084-031	8	Dispenser, Paper Towel, Surface Mount	Georgia Pacific
Central Sterile / OR Materials	Hold Clean	A0B421	1	6084-031	1	Dispenser, Paper Towel, Surface Mount	Georgia Pacific
Central Sterile / OR Materials	Ante	A0B423	1	6084-031	1	Dispenser, Paper Towel, Surface Mount	Georgia Pacific
Central Sterile / OR Materials	Lactation	A0B503	1	6084-031	1	Dispenser, Paper Towel, Surface Mount	Georgia Pacific
Central Sterile / OR Materials	Toilets		8	6391-074	8	Dispenser, Toilet Paper	Georgia Pacific
Central Sterile / OR Materials	Breakroom	A0B502	1	5177-055	1	Clock, Analog, Wall	Global Industrial Equipment Company
Central Sterile / OR Materials	Confernce	A0B514A	1	5177-055	1	Clock, Analog, Wall	Global Industrial Equipment Company
Central Sterile / OR Materials	Breakroom	A0B502	1	5868-013	1	Dispenser, Soap, Wall Mount	GOJO Industries
Central Sterile / OR Materials	Drop/Doffing	A0B425	1	5868-013	1	Dispenser, Soap, Wall Mount	GOJO Industries
Central Sterile / OR Materials	Toilets		8	5868-013	8	Dispenser, Soap, Wall Mount	GOJO Industries
Central Sterile / OR Materials	Hold Clean	A0B421	1	5868-013	1	Dispenser, Soap, Wall Mount	GOJO Industries

Mfr #	Model	Arch Sig	Spatially Sig	Item Status	Furnished By	Installed By	Arch Code
30161	30161 Louvered Panel (36 x 61)	Yes	No	Draft (New)	Owner	Contractor	1
22933G2000	CCC2-19G	No	No	Draft (New)	Owner	Owner	3
22933G2000	CCC2-19G	No	No	Draft (Existing)	Owner	Owner	3
22933G2000	CCC2-19G	No	No	Draft (Existing)	Owner	Owner	3
	Executive Console Security Container	No	No	Draft (Existing)	Owner	Owner	3
12HI425A-S0-00	Symphony Plus 12HI425A-S0-00	Yes	No	Draft (New)	Owner	Contractor	1
FFPE4522QM	FFPE4522QM (4.5 cu. ft./Silver Mist)	Yes	No	Draft (New)	Owner	Owner	2
FFPE4522QM	FFPE4522QM (4.5 cu. ft./Silver Mist)	Yes	No	Draft (New)	Owner	Owner	2
59488	59488 enMotion Impulse 10 (Smoke)	Yes	No	Draft (New)	Owner	Contractor	1
59488	59488 enMotion Impulse 10 (Smoke)	Yes	No	Draft (New)	Owner	Contractor	1
59488	59488 enMotion Impulse 10 (Smoke)	Yes	No	Draft (New)	Owner	Contractor	1
59488	59488 enMotion Impulse 10 (Smoke)	Yes	No	Draft (New)	Owner	Contractor	1
59488	59488 enMotion Impulse 10 (Smoke)	Yes	No	Draft (New)	Owner	Contractor	1
59488	59488 enMotion Impulse 10 (Smoke)	Yes	No	Draft (New)	Owner	Contractor	1
56784A	Compact 2-Roll Side-By-Side Coreless (Black)	Yes	No	Draft (New)	Owner	Contractor	1
WB219103	15" Single Sided Wall Clock [SC-55A]	Yes	No	Draft (New)	Owner	Owner	1
WB219103	15" Single Sided Wall Clock [SC-55A]	Yes	No	Draft (New)	Owner	Owner	1
5160-06	Provon FMX-12/1250mL (5160-06)	Yes	No	Draft (New)	Owner	Contractor	1
5160-06	Provon FMX-12/1250mL (5160-06)	Yes	No	Draft (New)	Owner	Contractor	1
5160-06	Provon FMX-12/1250mL (5160-06)	Yes	No	Draft (New)	Owner	Contractor	1
5160-06	Provon FMX-12/1250mL (5160-06)	Yes	No	Draft (New)	Owner	Contractor	1

Mounting	Max Weight (lbs)	Ship Weight (lbs)	Width (in)	Depth (in)	Height (in)	Volts	Amps	Hz	Watts	Plug Type	BTU/hr	Dedicated Circuit	Tech Connection
W	32	32	36.00	0.31	61.00	N/A	N/A	N/A	N/A	N/A	N/A	No	No
M	219	219	42.00	29.00	40.50	N/A	N/A	N/A	N/A	N/A	N/A	No	No
M	219	219	42.00	29.00	40.50	N/A	N/A	N/A	N/A	N/A	N/A	No	No
M	219	219	42.00	29.00	40.50	N/A	N/A	N/A	N/A	N/A	N/A	No	No
F	70	70	19.00	19.00	40.00	N/A	N/A	N/A	N/A	N/A	N/A	No	No
W	161	199	16.12	23.50	32.50	115	11	60	1265	Type B (NEMA 5-15)	5000	Yes	No
F	69	69	21.25	23.00	34.00	120	15	60	REM	Type B (NEMA 5-15)	N/A	Yes	No
F	69	69	21.25	23.00	34.00	120	15	60	REM	Type B (NEMA 5-15)	N/A	Yes	No
W	7	10	15.00	9.75	13.50	N/A	N/A	N/A	N/A	N/A	N/A	No	No
W	7	10	15.00	9.75	13.50	N/A	N/A	N/A	N/A	N/A	N/A	No	No
W	7	10	15.00	9.75	13.50	N/A	N/A	N/A	N/A	N/A	N/A	No	No
W	7	10	15.00	9.75	13.50	N/A	N/A	N/A	N/A	N/A	N/A	No	No
W	7	10	15.00	9.75	13.50	N/A	N/A	N/A	N/A	N/A	N/A	No	No
W	2	2	10.75	7.15	7.15	N/A	N/A	N/A	N/A	N/A	N/A	No	No
W	4	4	15.00	1.00	15.00	N/A	N/A	N/A	N/A	N/A	N/A	No	No
W	4	4	15.00	1.00	15.00	N/A	N/A	N/A	N/A	N/A	N/A	No	No
W	1	2	6.16	5.09	9.79	N/A	N/A	N/A	N/A	N/A	N/A	No	No
W	1	2	6.16	5.09	9.79	N/A	N/A	N/A	N/A	N/A	N/A	No	No
W	1	2	6.16	5.09	9.79	N/A	N/A	N/A	N/A	N/A	N/A	No	No
W	1	2	6.16	5.09	9.79	N/A	N/A	N/A	N/A	N/A	N/A	No	No

Emergency Power	Water - Cold	Water - Hot	Water - Treated	Steam	Drain	Vent	Gas	Vacuum - Dental	Vacuum - Med	Item Notes
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	Yes	No	No	No	Yes	No	No	No	No	15 amp circuit required. Requires 18in maximum clearance from bottom of sink below. Max weight reflects
No	No	No	No	No	No	No	No	No	No	Requires 15 amp dedicated circuit. Depth includes door.
No	No	No	No	No	No	No	No	No	No	Requires 15 amp dedicated circuit. Depth includes door.
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	Service clearance required for top cover key lock. Optional bracket mount requires larger top clearance of 2.5".
No	No	No	No	No	No	No	No	No	No	Operates on a single AA battery (included). Model is SNS4Z180Qdeleted - no longer used
No	No	No	No	No	No	No	No	No	No	Operates on a single AA battery (included). Model is SNS4Z180Qdeleted - no longer used
No	No	No	No	No	No	No	No	No	No	Mounts with adhesive strips (included) or screws (not included). Ships 6/case. Requires 10" (25.4 cm) clearance from bottom of dispenser to surface.
No	No	No	No	No	No	No	No	No	No	Mounts with adhesive strips (included) or screws (not included). Ships 6/case. Requires 10" (25.4 cm) clearance from bottom of dispenser to surface.
No	No	No	No	No	No	No	No	No	No	Mounts with adhesive strips (included) or screws (not included). Ships 6/case. Requires 10" (25.4 cm) clearance from bottom of dispenser to surface.
No	No	No	No	No	No	No	No	No	No	Mounts with adhesive strips (included) or screws (not included). Ships 6/case. Requires 10" (25.4 cm) clearance from bottom of dispenser to surface.

Dept	Room	Room #	Room Qty	Atta ID	Ext Qty	Description	Mfr
Central Sterile / OR Materials	Ante	A0B423	1	5868-013	1	Dispenser, Soap, Wall Mount	GOJO Industries
Central Sterile / OR Materials	Lactation	A0B503	1	5868-013	1	Dispenser, Soap, Wall Mount	GOJO Industries
Central Sterile / OR Materials	Receiving / Breakdown	A0B505	1	7205-005	2	Cabinet, Storage, Non-Clinical, Allowance	Grainger
Central Sterile / OR Materials	Hold Clean	A0B421	1	7333-006	1	Bench, Gowning	InterMetro Industries Corp
Central Sterile / OR Materials	Ante	A0B423	1	7333-006	1	Bench, Gowning	InterMetro Industries Corp
Central Sterile / OR Materials	Entry/PPE	A0B400	1	7333-006	1	Bench, Gowning	InterMetro Industries Corp
Central Sterile / OR Materials	Supply Storage	A0B510	1	DM813LM	1	Cart, Equipment, Allowance	InterMetro Industries Corp
Central Sterile / OR Materials	Supply Storage	A0B510	1	5863-408	1	Cart, Procedure, General	InterMetro Industries Corp
Central Sterile / OR Materials	Detergent	A0B427	1	6016-023	1	cart, supply chrome 60 inch	InterMetro Industries Corp
Central Sterile / OR Materials	Decontamination	A0B418	1	5835-028	3	Cart, Utility, Stainless	InterMetro Industries Corp
Central Sterile / OR Materials	Instrument Storage	A0B507	1	5835-028	1	Cart, Utility, Stainless	InterMetro Industries Corp
Central Sterile / OR Materials	Returns Processing		1	5835-078	1	Cart, Utility, Stainless	InterMetro Industries Corp
Central Sterile / OR Materials	Supply	A0B511	1	4941-002	12	Shelving, Allowance, Supply, High Density (Movable)	InterMetro Industries Corp
Central Sterile / OR Materials	Instrument Storage	A0B507	1	4941-002	1	Shelving, Allowance, Supply, High Density (Movable)	InterMetro Industries Corp
Central Sterile / OR Materials	Hold Clean	A0B421	1	8868-002	1	Shelving, Solid, Stainless Steel, 36 inch	InterMetro Industries Corp
Central Sterile / OR Materials	Ante	A0B423	1	8868-002	1	Shelving, Solid, Stainless Steel, 36 inch	InterMetro Industries Corp
Central Sterile / OR Materials	Entry/PPE	A0B400	1	8868-002	1	Shelving, Solid, Stainless Steel, 36 inch	InterMetro Industries Corp
Central Sterile / OR Materials	EMI Workroom	A0B401	1	8866-002	1	Shelving, Solid, Stainless Steel, 54 - 60 inch	InterMetro Industries Corp
Central Sterile / OR Materials	Drop/Doffing	A0B425	1	8866-002	1	Shelving, Solid, Stainless Steel, 60 inch	InterMetro Industries Corp
Central Sterile / OR Materials	Supply Storage	A0B510	1	5093-012	14	Shelving, Wire, Stainless Steel, 48 inch	InterMetro Industries Corp
Central Sterile / OR Materials	Clean Work	A0B403	1	5093-012	3	Shelving, Wire, Stainless Steel, 48 inch	InterMetro Industries Corp
Central Sterile / OR Materials	Instrument Storage	A0B507	1	5093-012	2	Shelving, Wire, Stainless Steel, 48 inch	InterMetro Industries Corp
Central Sterile / OR Materials	Supply Storage	A0B510	1	5094-019	115	Shelving, Wire, Stainless Steel, 60 inch	InterMetro Industries Corp
Central Sterile / OR Materials	Clean Work	A0B403	1	5094-019	13	Shelving, Wire, Stainless Steel, 60 inch	InterMetro Industries Corp
Central Sterile / OR Materials	Instrument Storage	A0B507	1	5094-019	6	Shelving, Wire, Stainless Steel, 60 inch	InterMetro Industries Corp
Central Sterile / OR Materials	Hold Dirty	A0B422	1	5094-020	3	Shelving, Wire, Stainless Steel, 60 inch	InterMetro Industries Corp
Central Sterile / OR Materials	Returns Processing		1	3542-011	1	Supply Cart	InterMetro Industries Corp
Central Sterile / OR Materials	Returns Processing		1	3542-011	2	Supply Cart	InterMetro Industries Corp
Central Sterile / OR Materials	Lactation	A0B503	1	4170-027	1	Pump, Breast, General	Medela Inc. - Breastfeeding

Mfr #	Model	Arch Sig	Spatially Sig	Item Status	Furnished By	Installed By	Arch Code
5160-06	Provon FMX-12/1250mL (5160-06)	Yes	No	Draft (New)	Owner	Contractor	1
5160-06	Provon FMX-12/1250mL (5160-06)	Yes	No	Draft (New)	Owner	Contractor	1
TBD	TBD	No	No	Draft (Existing)	Owner	Owner	3
GB1636S	GB1636S	Yes	No	Draft (New)	Owner	Owner	1
GB1636S	GB1636S	Yes	No	Draft (New)	Owner	Owner	1
GB1636S	GB1636S	Yes	No	Draft (New)	Owner	Owner	1
TBD	Urology Cart	No	No	Draft (Existing)	Owner	Owner	0
FLP22010	Flexline Standard 5-Drwr w/Passive Lock FLP22010	No	No	Draft (Existing)	Owner	Owner	3
A566EC	Super Adjustable Super Erecta A566EC (60x24x68)	No	Yes	Draft (New)	Owner	Owner	3
MW208	MW Series 24x36 (3-Shelf, Solid)	No	No	Draft (New)	Owner	Owner	3
MW208	MW Series 24x36 (3-Shelf, Solid)	No	No	Draft (New)	Owner	Owner	3
MW108	MW Series 24x36 (2-Shelf, Solid)	No	No	Draft (New)	Owner	Owner	3
TBD	MetroMax Top Track	Yes	No	Draft (Existing)	Owner	Vendor	3
TBD	MetroMax Top Track	Yes	No	Draft (New)	Owner	Vendor	3
(5)1836NFS/(4)74PS	Super Erecta Stainless 36x18x74 (5-Tier)	No	No	Draft (New)	Owner	Owner	3
(5)1836NFS/(4)74PS	Super Erecta Stainless 36x18x74 (5-Tier)	No	No	Draft (New)	Owner	Owner	3
(5)1836NFS/(4)74PS	Super Erecta Stainless 36x18x74 (5-Tier)	No	No	Draft (New)	Owner	Owner	3
(5)2460NFS/(4)74PS	Super Erecta Stainless 60x24x74 (5-Tier)	No	Yes	Draft (New)	Owner	Owner	3
(5)2460NFS/(4)74PS	Super Erecta Stainless 60x24x74 (5-Tier)	No	Yes	Draft (New)	Owner	Owner	3
(4x)A2448NS/(4x)74PS	Super Erecta - Super Adjustable 48x24x74 (4-Tier)	No	Yes	Draft (New)	Owner	Owner	3
(4x)A2448NS/(4x)74PS	Super Erecta - Super Adjustable 48x24x74 (4-Tier)	No	Yes	Draft (New)	Owner	Owner	3
(4x)A2448NS/(4x)74PS	Super Erecta - Super Adjustable 48x24x74 (4-Tier)	No	Yes	Draft (New)	Owner	Owner	3
(4x)2460NS/(4x)63PS	Super Erecta 60x24x63 (4-Tier)	No	Yes	Draft (New)	Owner	Owner	3
(4x)2460NS/(4x)63PS	Super Erecta 60x24x63 (4-Tier)	No	Yes	Draft (New)	Owner	Owner	3
(4x)2460NS/(4x)63PS	Super Erecta 60x24x63 (4-Tier)	No	Yes	Draft (New)	Owner	Owner	3
(4x)A2460NS/(4x)74PS	Super Erecta - Super Adjustable 60x24x74 (4-Tier)	No	Yes	Draft (New)	Owner	Owner	3
ECN56CC	ECN-C Series 60x24x72	No	Yes	Draft (New)	Owner	Owner	3
ECN56CC	ECN-C Series 60x24x72	No	Yes	Draft (Existing)	Owner	Owner	3
0240215/6007092	Symphony Plus w/ Trolley	No	No	Draft (New)	Owner	Owner	2

Mounting	Max Weight (lbs)	Ship Weight (lbs)	Width (in)	Depth (in)	Height (in)	Volts	Amps	Hz	Watts	Plug Type	BTU/hr	Dedicated Circuit	Tech Connection
W	1	2	6.16	5.09	9.79	N/A	N/A	N/A	N/A	N/A	N/A	No	No
W	1	2	6.16	5.09	9.79	N/A	N/A	N/A	N/A	N/A	N/A	No	No
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No	No
F	48	48	36.00	16.00	18.00	N/A	N/A	N/A	N/A	N/A	N/A	No	No
F	48	48	36.00	16.00	18.00	N/A	N/A	N/A	N/A	N/A	N/A	No	No
F	48	48	36.00	16.00	18.00	N/A	N/A	N/A	N/A	N/A	N/A	No	No
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No	No
M	200	200	32.25	22.50	45.25	N/A	N/A	N/A	N/A	N/A	N/A	No	No
M	112	112	60.00	24.00	68.00	N/A	N/A	N/A	N/A	N/A	N/A	No	No
M	74	74	24.00	36.00	39.00	N/A	N/A	N/A	N/A	N/A	N/A	No	No
M	74	74	24.00	36.00	39.00	N/A	N/A	N/A	N/A	N/A	N/A	No	No
M	60	60	24.00	36.00	39.00	N/A	N/A	N/A	N/A	N/A	N/A	No	No
F	REM	REM	REM	REM	REM	N/A	N/A	N/A	N/A	N/A	N/A	No	No
F	REM	REM	REM	REM	REM	N/A	N/A	N/A	N/A	N/A	N/A	No	No
F	96	96	36.00	18.00	74.50	N/A	N/A	N/A	N/A	N/A	N/A	No	No
F	96	96	36.00	18.00	74.50	N/A	N/A	N/A	N/A	N/A	N/A	No	No
F	96	96	36.00	18.00	74.50	N/A	N/A	N/A	N/A	N/A	N/A	No	No
F	171	171	60.00	24.00	74.50	N/A	N/A	N/A	N/A	N/A	N/A	No	No
F	171	171	60.00	24.00	74.50	N/A	N/A	N/A	N/A	N/A	N/A	No	No
F	80	80	48.00	24.00	74.50	N/A	N/A	N/A	N/A	N/A	N/A	No	No
F	80	80	48.00	24.00	74.50	N/A	N/A	N/A	N/A	N/A	N/A	No	No
F	80	80	48.00	24.00	74.50	N/A	N/A	N/A	N/A	N/A	N/A	No	No
F	98	98	60.00	24.00	62.44	N/A	N/A	N/A	N/A	N/A	N/A	No	No
F	98	98	60.00	24.00	62.44	N/A	N/A	N/A	N/A	N/A	N/A	No	No
F	98	98	60.00	24.00	62.44	N/A	N/A	N/A	N/A	N/A	N/A	No	No
F	100	100	60.00	24.00	74.50	N/A	N/A	N/A	N/A	N/A	N/A	No	No
M	165	165	60.00	24.00	72.00	N/A	N/A	N/A	N/A	N/A	N/A	No	No
M	165	165	60.00	24.00	72.00	N/A	N/A	N/A	N/A	N/A	N/A	No	No
M	20	20	16.10	16.10	38.30	120	0.5	60	60	Type B (NEMA 5-15)	N/A	No	No

Emergency Power	Water - Cold	Water - Hot	Water - Treated	Steam	Drain	Vent	Gas	Vacuum - Dental	Vacuum - Med	Item Notes
No	No	No	No	No	No	No	No	No	No	Mounts with adhesive strips (included) or screws (not included). Ships 6/case. Requires 10" (25.4 cm) clearance from bottom of dispenser to surface.
No	No	No	No	No	No	No	No	No	No	Mounts with adhesive strips (included) or screws (not included). Ships 6/case. Requires 10" (25.4 cm) clearance from bottom of dispenser to surface.
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	"Urology Cart"
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	Specifications vary based on custom configuration. Contact Vendor for site-specific layout.
No	No	No	No	No	No	No	No	No	No	Specifications vary based on custom configuration. Contact Vendor for site-specific layout.
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	Dimensions and weight is for both Symphony Plus and Trolley.

Dept	Room	Room #	Room Qty	Atta ID	Ext Qty	Description	Mfr
Central Sterile / OR Materials	Cart Hold	A0B508	1	5830-054	50	Cart, Case, Medium (40-49in wide)	Pedigo Products, Inc
Central Sterile / OR Materials	Supply Storage	A0B510	1	5873-064	2	Board, White, Dry Erase	Quartet GBC / ACCO Brands
Central Sterile / OR Materials	Supply	A0B511	1	5873-064	1	Board, White, Dry Erase	Quartet GBC / ACCO Brands
Central Sterile / OR Materials	Clean Work	A0B403	1	5873-064	1	Board, White, Dry Erase	Quartet GBC / ACCO Brands
Central Sterile / OR Materials	Entry/PPE	A0B400	1	5407-002	1	Waste Can, 20-31 Gallon	Rubbermaid Commercial Products
Central Sterile / OR Materials	Breakroom	A0B502	1	5407-021	1	Waste Can, 20-31 Gallon	Rubbermaid Commercial Products
Central Sterile / OR Materials	Lactation	A0B503	1	5407-021	1	Waste Can, 20-31 Gallon	Rubbermaid Commercial Products
Central Sterile / OR Materials	Ante	A0B423	1	5407-021	1	Waste Can, 20-31 Gallon	Rubbermaid Commercial Products
Central Sterile / OR Materials	Toilets		8	5407-021	8	Waste Can, 20-31 Gallon	Rubbermaid Commercial Products
Central Sterile / OR Materials	Lockers		2	5407-021	2	Waste Can, 20-31 Gallon	Rubbermaid Commercial Products
Central Sterile / OR Materials	Hold Clean	A0B421	1	5407-021	1	Waste Can, 20-31 Gallon	Rubbermaid Commercial Products
Central Sterile / OR Materials	Open Office		1	5407-021	1	Waste Can, 20-31 Gallon	Rubbermaid Commercial Products
Central Sterile / OR Materials	Receiving / Breakdown	A0B505	1	5407-021	1	Waste Can, 20-31 Gallon	Rubbermaid Commercial Products
Central Sterile / OR Materials	Confrence	A0B514A	1	5407-021	1	Waste Can, 20-31 Gallon	Rubbermaid Commercial Products
Central Sterile / OR Materials	Drop/Doffing	A0B425	1	4691-039	1	Waste Can, 44-55 Gallon	Rubbermaid Commercial Products
Central Sterile / OR Materials	Office		4	4688-001	4	Waste Can, Open Top	Rubbermaid Commercial Products
Central Sterile / OR Materials	Open Office		1	4688-001	2	Waste Can, Open Top	Rubbermaid Commercial Products
Central Sterile / OR Materials	Shared Office	A0B505A	1	4688-001	2	Waste Can, Open Top	Rubbermaid Commercial Products
Central Sterile / OR Materials	EMI Workroom	A0B401	1	4688-001	2	Waste Can, Open Top	Rubbermaid Commercial Products
Central Sterile / OR Materials	Supply Storage	A0B510	1	DL277YQ	1	Refrigerator, Allowance	Sanyo
Central Sterile / OR Materials	Breakroom	A0B502	1	4104-037	1	Oven, Commercial, Microwave	Sharp Electronics Corporation
Central Sterile / OR Materials	Supply Storage	A0B510	1	3818-042	2	Freezer, Ultra-low, Upright	So-Low Environmental Equipment Co.
Central Sterile / OR Materials	Decontamination	A0B418	1	DL901LM	3	Irrigator, Allowance	Steris
Central Sterile / OR Materials	Hold Dirty	A0B422	1	5245-002	1	Board, Peg, Stainless Steel	STERIS Corporation - Healthcare

Mfr #	Model	Arch Sig	Spatially Sig	Item Status	Furnished By	Installed By	Arch Code
RCC-242-B	RCC-242-B	No	No	Draft (New)	Owner	Owner	3
TE543AP2	Prestige 2 Total Erase w/ Aluminum Frame (36" x 24")	Yes	No	Draft (New)	Owner	Contractor	1
TE543AP2	Prestige 2 Total Erase w/ Aluminum Frame (36" x 24")	Yes	No	Draft (New)	Owner	Contractor	1
TE543AP2	Prestige 2 Total Erase w/ Aluminum Frame (36" x 24")	Yes	No	Draft (New)	Owner	Contractor	1
FG354000BEIG	3540 Slim Jim Beige (23 gal)	No	No	Draft (New)	Owner	Owner	3
FG354060BEIG	Slim Jim Vented 23 Gal/Beige	No	No	Draft (New)	Owner	Owner	3
FG354060BEIG	Slim Jim Vented 23 Gal/Beige	No	No	Draft (New)	Owner	Owner	3
FG354060BEIG	Slim Jim Vented 23 Gal/Beige	No	No	Draft (New)	Owner	Owner	3
FG354060BEIG	Slim Jim Vented 23 Gal/Beige	No	No	Draft (New)	Owner	Owner	3
FG354060BEIG	Slim Jim Vented 23 Gal/Beige	No	No	Draft (New)	Owner	Owner	3
FG354060BEIG	Slim Jim Vented 23 Gal/Beige	No	No	Draft (New)	Owner	Owner	3
FG354060BEIG	Slim Jim Vented 23 Gal/Beige	No	No	Draft (New)	Owner	Owner	3
FG354060BEIG	Slim Jim Vented 23 Gal/Beige	No	No	Draft (New)	Owner	Owner	3
FG354060BEIG	Slim Jim Vented 23 Gal/Beige	No	No	Draft (New)	Owner	Owner	3
FG264360GRAY/FG264560GRAY/FG264000BLA	BRUTE Vented 44 Gal/Gray w/Lid and Dolly	No	No	Draft (New)	Owner	Owner	3
FG254400BEIG	2544 Fire Resistant Beige 40 qt	No	No	Draft (New)	Owner	Owner	3
FG254400BEIG	2544 Fire Resistant Beige 40 qt	No	No	Draft (New)	Owner	Owner	3
FG254400BEIG	2544 Fire Resistant Beige 40 qt	No	No	Draft (New)	Owner	Owner	3
FG254400BEIG	2544 Fire Resistant Beige 40 qt	No	No	Draft (New)	Owner	Owner	3
	Countertop Refrigerator	Yes	No	Draft (Existing)	Owner	Owner	2
R-21LTF	R-21LTF Medium Duty	Yes	No	Draft (New)	Owner	Owner	2
U85-13	U85-13 (13 Cu.Ft.)	Yes	No	Draft (Existing)	Owner	Owner	2
	Innowave pro 60	No	No	Draft (New)	Owner	Vendor	0
CG76	Pegboard (CG76)	Yes	No	Draft (New)	Owner	Contractor	1

Mounting	Max Weight (lbs)	Ship Weight (lbs)	Width (in)	Depth (in)	Height (in)	Volts	Amps	Hz	Watts	Plug Type	BTU/hr	Dedicated Circuit	Tech Connection
M	145	210	45.50	27.50	41.50	N/A	N/A	N/A	N/A	N/A	N/A	No	No
W	10	10	36.00	1.50	24.00	N/A	N/A	N/A	N/A	N/A	N/A	No	No
W	10	10	36.00	1.50	24.00	N/A	N/A	N/A	N/A	N/A	N/A	No	No
W	10	10	36.00	1.50	24.00	N/A	N/A	N/A	N/A	N/A	N/A	No	No
F	8	31	20.00	11.00	30.00	N/A	N/A	N/A	N/A	N/A	N/A	No	No
F	8	8	22.00	11.00	30.00	N/A	N/A	N/A	N/A	N/A	N/A	No	No
F	8	8	22.00	11.00	30.00	N/A	N/A	N/A	N/A	N/A	N/A	No	No
F	8	8	22.00	11.00	30.00	N/A	N/A	N/A	N/A	N/A	N/A	No	No
F	8	8	22.00	11.00	30.00	N/A	N/A	N/A	N/A	N/A	N/A	No	No
F	8	8	22.00	11.00	30.00	N/A	N/A	N/A	N/A	N/A	N/A	No	No
F	8	8	22.00	11.00	30.00	N/A	N/A	N/A	N/A	N/A	N/A	No	No
F	8	8	22.00	11.00	30.00	N/A	N/A	N/A	N/A	N/A	N/A	No	No
F	8	8	22.00	11.00	30.00	N/A	N/A	N/A	N/A	N/A	N/A	No	No
F	8	8	22.00	11.00	30.00	N/A	N/A	N/A	N/A	N/A	N/A	No	No
M	22	22	27.50	27.50	40.10	N/A	N/A	N/A	N/A	N/A	N/A	No	No
F	6	6	11.30	15.00	20.00	N/A	N/A	N/A	N/A	N/A	N/A	No	No
F	6	6	11.30	15.00	20.00	N/A	N/A	N/A	N/A	N/A	N/A	No	No
F	6	6	11.30	15.00	20.00	N/A	N/A	N/A	N/A	N/A	N/A	No	No
F	6	6	11.30	15.00	20.00	N/A	N/A	N/A	N/A	N/A	N/A	No	No
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No	No
C	37	44	20.50	16.00	12.25	120	14	60	1680	Type B (NEMA 5-15)	N/A	Yes	No
F	725	850	35.00	34.50	79.50	115	14	60	1610	Type B (NEMA 5-20)	N/A	Yes	No
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No	No
W	85	100	96.00	0.88	42.00	N/A	N/A	N/A	N/A	N/A	N/A	No	No

Emergency Power	Water - Cold	Water - Hot	Water - Treated	Steam	Drain	Vent	Gas	Vacuum - Dental	Vacuum - Med	Item Notes
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	15 amp dedicated circuit.
Yes	No	No	No	No	No	No	No	No	No	Requires 20 amp dedicated circuit. Battery operated alarm system. Relay for a remote alarm hook-up is also provided.
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	Mount bottom of board 40 inch from finished floor. Screws, anchors, wall back-up supports necessary for mounting not provided by Manufacturer. Building wall should be able to adequately support 500 lbs.

Dept	Room	Room #	Room Qty	Atta ID	Ext Qty	Description	Mfr
Central Sterile / OR Materials	Hold Clean	A0B421	1	3496-011	2	Cabinet, Storage, Clinical, Drying, Endoscope	STERIS Corporation - Healthcare
Central Sterile / OR Materials	Hold Clean	A0B421	1	6807-006	2	Cart, Equipment, Endoscope Staging/Transport	STERIS Corporation - Healthcare
Central Sterile / OR Materials	Decontamination	A0B418	1	7114-037	3	Cart, Transfer	STERIS Corporation - Healthcare
Central Sterile / OR Materials	Clean Work	A0B403	1	7457-018	3	Cart, Washer/Disinfector, Utensil/Container	STERIS Corporation - Healthcare
Central Sterile / OR Materials	Instrument Storage	A0B507	1	7457-018	4	Cart, Washer/Disinfector, Utensil/Container	STERIS Corporation - Healthcare
Central Sterile / OR Materials	Clean Work	A0B403	1	7457-018	7	Cart, Washer/Disinfector, Utensil/Container	STERIS Corporation - Healthcare
Central Sterile / OR Materials	Instrument Storage	A0B507	1	7457-018	2	Cart, Washer/Disinfector/Utensil/Container	STERIS Corporation - Healthcare
Central Sterile / OR Materials	Decontamination	A0B418	1	DL606MY	1	Conveyor System, Automated	STERIS Corporation - Healthcare
Central Sterile / OR Materials	Decontamination	A0B418	1	9693-005	1	Dryer, Sterile Air, Pass Thru	STERIS Corporation - Healthcare
Central Sterile / OR Materials	Clean Work	A0B403	1	8225-024	1	Rack, wrap	STERIS Corporation - Healthcare
Central Sterile / OR Materials	Decontamination	A0B418	1	5975-022	5	Sink, Clean-up Workstation (3-sink)	STERIS Corporation - Healthcare
Central Sterile / OR Materials	Hold Dirty	A0B422	1	5975-022	1	Sink, Clean-up Workstation (3-sink)	STERIS Corporation - Healthcare
Central Sterile / OR Materials	Clean Work	A0B403	1	4389-022	4	Sterilizer, Low Temperature	STERIS Corporation - Healthcare

Mfr #	Model	Arch Sig	Spatially Sig	Item Status	Furnished By	Installed By	Arch Code
DRY-1001	EndoDry Storage and Drying System	Yes	No	Draft (New)	Owner	Vendor	2
103467	CLEANASCOPE 10 Tray	No	No	Draft (New)	Owner	Owner	3
AY1598004/AY1596694	Amsco 600 Loading Car/Transfer Carriage	No	Yes	Draft (New)	Owner	Owner	3
FD322	FD322 Vision Container Cart	No	Yes	Draft (New)	Owner	Owner	3
FD322	FD322 Vision Container Cart	No	Yes	Draft (Existing)	Owner	Owner	3
FD322	FD322 Vision Container Cart	No	Yes	Draft (Existing)	Owner	Owner	3
FD322	FD322 Vision Container Cart	No	Yes	Draft (New)	Owner	Owner	3
	SCS Automated Conveyor System	Yes	No	Draft (New)	Owner	Vendor	2
DCR201101/DCA0291	Pass-Through Drying Cab. w/Air Purge Conn. (38 in)	Yes	No	Draft (New)	Owner	Vendor	2
TBD	TBD	No	No	Draft (New)	Owner	Owner	0
CCPS3112035	3-Sink (120" L)	Yes	No	Draft (New)	Owner	Vendor	1
CCPS3112035	3-Sink (120" L)	Yes	No	Draft (New)	Owner	Vendor	1
VP500021	Amsco V-PRO maX 2 SD (Cabinet)	Yes	No	Draft (Existing)	Owner	Owner	2

Mounting	Max Weight (lbs)	Ship Weight (lbs)	Width (in)	Depth (in)	Height (in)	Volts	Amps	Hz	Watts	Plug Type	BTU/hr	Dedicated Circuit	Tech Connection
F	375	583	23.60	21.30	74.80	120	0.62	60	75	Type B (NEMA 5-15)	N/A	No	Yes
M	70	70	25.20	22.10	63.50	N/A	N/A	N/A	N/A	N/A	N/A	No	No
M	600	600	24.00	74.75	69.25	N/A	N/A	N/A	N/A	N/A	N/A	No	No
M	300	300	66.50	30.00	70.75	N/A	N/A	N/A	N/A	N/A	N/A	No	No
M	300	300	66.50	30.00	70.75	N/A	N/A	N/A	N/A	N/A	N/A	No	No
M	300	300	66.50	30.00	70.75	N/A	N/A	N/A	N/A	N/A	N/A	No	No
M	300	300	66.50	30.00	70.75	N/A	N/A	N/A	N/A	N/A	N/A	No	No
F	600	600	37.50	70.44	24.38	120	6.00	60	720	Type B (NEMA 5-15)	N/A	No	No
F	850	850	38.00	31.00	78.00	120	15.00	60	1800	Type B (NEMA 5-20)	2500	Yes	No
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No	No
F	375	650	120.00	31.75	38.75	N/A	N/A	N/A	N/A	N/A	N/A	No	No
F	375	650	120.00	31.75	38.75	N/A	N/A	N/A	N/A	N/A	N/A	No	No
F	1020	1020	33.00	40.94	72.00	208	16.00	60	3328	Special	1400	Yes	Yes

Emergency Power	Water - Cold	Water - Hot	Water - Treated	Steam	Drain	Vent	Gas	Vacuum - Dental	Vacuum - Med	Item Notes
No	No	No	No	No	No	No	Yes	No	No	Fuse T2A (internal device) 16A (building). GFI protected outlet (NEMA 5-15R) need to be within 3 feet (1 meter) of the installation and within reach of the operator. Compressed medical grade air 29 to 145 PSI (2 to 10 bar), maximum flow volume of 5 CFM (140/min), Nominal diameter: 6.25 inches. Depth does not include door handle or barcode scanner. Depth with open door, 90 degrees - 41.7 inches. UPS is optional.
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	Handle height of transfer carriages is 45.19 inches (1148 mm). Transfer Carriage heights are as measured from floor to top of carriage handle. Transfer carriage loading surface is preset to match sterilizer loading height of 33.69 inches (856 mm). Loading car width is 23.94 inches (608 mm). Car height dimension of 24.69 inches (627 mm) is as measured from bottom of car wheel to car frame peak.
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	See manufacturer datasheet for important planning criteria. See manufacturer for site specific drawings and planning details. Bar Code Scanner requires a supplemental power supply for its AC adapter rated at 50/60 Hz, 100-240 Vac, 0.1A.
No	No	No	No	No	No	No	No	No	No	See datasheet for typical installation information. 20 Amp Dedicated Circuit required.
No	No	No	No	No	No	No	No	No	No	
No	Yes	Yes	Yes	No	Yes	No	Yes	No	No	Height includes 4" backsplash.
No	Yes	Yes	Yes	No	Yes	No	Yes	No	No	Height includes 4" backsplash.
No	No	No	No	No	No	No	No	No	No	Receptacle type: NEMA L22-20R. Minimum 20 amp circuit breaker recommended. Refer to site typical drawings for detailed installation information. Lead Time: 2 weeks.

Dept	Room	Room #	Room Qty	Atta ID	Ext Qty	Description	Mfr
Central Sterile / OR Materials	Clean Work	A0B403	1	8881-031	2	Sterilizer, Steam (Electric), Recessed, 2-Door	STERIS Corporation - Healthcare
Central Sterile / OR Materials	Clean Work	A0B403	1	DM316KN	1	Sterilizer, Steam, Pass-Thru	STERIS Corporation - Healthcare
Central Sterile / OR Materials	Clean Work	A0B403	1	6479-200	4	Sterilizer, Steam, Recessed	STERIS Corporation - Healthcare
Central Sterile / OR Materials	Hold Clean	A0B421	1	5917-070	1	Table, Instrument, Assembly	STERIS Corporation - Healthcare
Central Sterile / OR Materials	EMI Workroom	A0B401	1	5917-070	2	Table, Instrument, Assembly	STERIS Corporation - Healthcare
Central Sterile / OR Materials	Clean Work	A0B403	1	5917-073	17	Table, Instrument, Assembly	STERIS Corporation - Healthcare
Central Sterile / OR Materials	Decontamination	A0B418	1	6245-050	3	Washer/Disinfector, Cart, Pass-Thru, Pit Mounted	STERIS Corporation - Healthcare
Central Sterile / OR Materials	Hold Dirty	A0B422	1	4682-059	2	Washer/Disinfector, Endoscope	STERIS Corporation - Healthcare

Mfr #	Model	Arch Sig	Spatially Sig	Item Status	Furnished By	Installed By	Arch Code
EF1302342	AMSCO 600 2-Wall 26.5"x26.5"x63",480V (1563V-1)	Yes	Yes	Draft (New)	Owner	Vendor	1
AY1597004	Amsco 600 Pass-through Hatch 63"	Yes	No	Draft (New)	Owner	Vendor	1
EF1302340	Amsco 600 DD/2-Wall 63"D, 480V (1563V-1)	Yes	Yes	Draft (New)	Owner	Vendor	1
PREP54	AMSCO Prep & Pack Electric (PREP54)	No	Yes	Draft (New)	Owner	Vendor	2
PREP54	AMSCO Prep & Pack Electric (PREP54)	No	Yes	Draft (New)	Owner	Owner	2
PREP55	AMSCO Prep and Pack Deluxe Electric (PREP55)	No	Yes	Draft (New)	Owner	Vendor	2
FW05201	Vision 1327 Steam (208V)	Yes	Yes	Draft (New)	Owner	Vendor	1
ADVPT-3008	ADVANTAGE PLUS Pass-Thru AER w/o Air Compressor	Yes	Yes	Draft (New)	Owner	Contractor	1

Mounting	Max Weight (lbs)	Ship Weight (lbs)	Width (in)	Depth (in)	Height (in)	Volts	Amps	Hz	Watts	Plug Type	BTU/hr	Dedicated Circuit	Tech Connection
F	3185	3185	39.38	76.44	89.06	480	57.00	60	27360	Hardwire	5620	Yes	Yes
F	900	1020	26.25	41.50	73.50	115	12	60	1380	Hardwire	1111	Yes	Yes
F	3185	3400	39.38	76.88	89.06	480	7.00	60	3360	Hardwire	5620	Yes	Yes
M	400	450	72.00	40.00	86.00	120	15.00	60	1800	Type B (NEMA 5-15)	N/A	No	No
M	400	450	72.00	40.00	86.00	120	15.00	60	1800	Type B (NEMA 5-15)	N/A	No	No
F	435	520	72.00	40.00	85.50	120	15	60	REM	Type B (NEMA 5-15)	N/A	No	No
F	7483	7483	120.00	130.00	112.75	208	25.50	60	5304	Hardwire	13800	Yes	Yes
F	882	1100	51.81	31.18	78.74	120	10	60	1200	Type B (NEMA 5-15)	2400	No	Yes

Emergency Power	Water - Cold	Water - Hot	Water - Treated	Steam	Drain	Vent	Gas	Vacuum - Dental	Vacuum - Med	Item Notes
No	Yes	No	Yes	Yes	Yes	No	Yes	No	No	Max Weight based on chamber fully loaded with instruments. Electrical requirements reflect Steam Generators Current, Max Protection - 75 Amps. Sterilizer Electric: 440-480 VAC, 3-Phase, 60 HZ - Current 7 Amps, Max. Protection 20 Amps. Steam Generator Control: 120 VAC 60Hz - Current 10 Amps, Max Protection 20 Amps. BTU/HR reflects at each end, BTU/HR between walls: 961 See Installation document for more installation details.
No	Yes	No	No	Yes	Yes	Yes	No	No	No	Heat Loss within recess area is 2583 BTU/hr
No	Yes	No	No	Yes	Yes	No	Yes	No	No	instruments. Sterilizer Electric: 440-480 VAC, 3-Phase, 60 HZ - Current 7 Amps, Max. Protection 20 Amps. BTU/HR reflects at each end. BTU/HR between walls:
No	No	No	No	No	No	No	No	No	No	Height adjustable 69.5 to 86 inch. Table includes 15 amp power strip, actual watts and amps will vary depending on equipment plugged into power strip. Dimensions reflects overall space requirement for table. Actual table size 39.75D x 72L inch.
No	No	No	No	No	No	No	No	No	No	Height adjustable 69.5 to 86 inch. Table includes 15 amp power strip, actual watts and amps will vary depending on equipment plugged into power strip. Dimensions reflects overall space requirement for table. Actual table size 39.75D x 72L inch.
No	No	No	No	No	No	No	No	No	No	Height adjustable from 69.5 to 85.5 inch. Dimensions reflects overall space requirement for table. Actual table size 39.75D x 72L inch. Electrical Specifications: Table - 120V, 60 Hz, 2.2A Motor, 8.5 in. Power cord. Plug Strip - Single circuit, 15A, 120V, 8 ft. Power cord. Requires 15 amp circuit. Actual Amp draw will vary depending on equipment plugged into the strip.
No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	See installation for service clearance.
No	No	No	Yes	No	Yes	Yes	Yes	No	No	See installation manual for site requirements.

Dept	Room	Room #	Room Qty	Atta ID	Ext Qty	Description	Mfr
Central Sterile / OR Materials	Decontamination	A0B418	1	5241-102	7	Washer/Disinfector, Steam	STERIS Corporation - Healthcare
Central Sterile / OR Materials	Breakroom	A0B502	1	5293-040	1	Refrigerator, Commercial, w/ Freezer	Summit Appliance
Central Sterile / OR Materials	Receiving / Breakdown	A0B505	1	DM863LM	5	Cabinet, Storage, Clinical, Allowance	TBD
Central Sterile / OR Materials	Lactation	A0B503	1	8058-001	1	Mirror, Allowance	TBD
Central Sterile / OR Materials	Clean Work	A0B403	1	8225-001	5	Rack, Allowance	TBD
Central Sterile / OR Materials	Entry/PPE	A0B400	1	DM797QV	1	Shelf, Wall Mount	TBD
Central Sterile / OR Materials	Clean Work	A0B403	1	DM634QW	10	Cabinet, Storage, Clinical, Instrument	Unspecified
Central Sterile / OR Materials	Detergent	A0B427	1	9570-000	2	Pallet, stackable plastic	Unspecified

Mfr #	Model	Arch Sig	Spatially Sig	Item Status	Furnished By	Installed By	Arch Code
FH19-042	AMSCO 7053HP (480V)	Yes	No	Draft (New)	Owner	Contractor	1
BKRF18W	BKRF18W (18 cu. ft.)	Yes	No	Draft (New)	Owner	Owner	2
	Implant Carts	No	No	Draft (Existing)	Owner	Owner	0
	TBD	No	No	Draft (New)	Owner	Owner	0
TBD	TBD	No	No	Draft (New)	Owner	Owner	0
	60" Steel Shelf	Yes	No	Draft (New)	Owner	Contractor	1
	Specialty Cabinets	Yes	No	Draft (Existing)	Owner	Owner	3
		No	No	Draft (New)	Owner	Owner	0

Mounting	Max Weight (lbs)	Ship Weight (lbs)	Width (in)	Depth (in)	Height (in)	Volts	Amps	Hz	Watts	Plug Type	BTU/hr	Dedicated Circuit	Tech Connection
F	1543	1454	42.00	38.00	80.75	480	34.50	60	28682	Hardwire	10963	Yes	Yes
F	210	220	29.63	32.13	67.63	115	6	60	690	Type B (NEMA 5-15)	N/A	Yes	No
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No	No
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No	No
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No	No
W	7	7	18.25	16.25	7.75	N/A	N/A	N/A	N/A	N/A	N/A	No	No
F	265	330	35.75	16.00	79.25	N/A	N/A	N/A	N/A	N/A	N/A	No	No
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No	No

Emergency Power	Water - Cold	Water - Hot	Water - Treated	Steam	Drain	Vent	Gas	Vacuum - Dental	Vacuum - Med	Item Notes
No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Unit can be configured as either a Vented System that exhausts chamber vapors to building exhaust system through 3.0 inch (76 mm) OD vent connection located at top of washer or as a Non-Vented Drying System where chamber vapors are exhausted through cold water condenser to facility room. Minimum ceiling height for door removal is 94 inch (2388 mm). Max Weight reflects operating weight with water and fully loaded. Recommended 50 Amp Circuit.
No	No	No	No	No	No	No	No	No	No	Depth includes Handle. Requires 15 amp circuit. If unit is to be used in a Clinical Setting, Emergency Power will be required. Cold Water required for Optional Ice Maker (order separately)
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	
No	No	No	No	No	No	No	No	No	No	

Pav A Basement / Phase 2
Cover Sheet

Pav A Basement / Phase 2

Specification Coversheet



Description: Cabinet, Storage, Clinical, Drying, Endoscope
Manufacturer: STERIS Corporation - Healthcare ((440) 354-2600)
Vendor: STERIS Corporation - Healthcare ((440) 354-2600)
Model: EndoDry Storage and Drying System

Atta ID: 3496-011
Alt ID:
Mfr #: DRY-1001
Vendor #: DRY-1001
CAD ID: CST1060
Item ID:

Endoscope storage and drying system cabinet. For system used with ADVANTAGE Reprocessor. Features: Eight endoscope trays with interlocks, permanent air flow with HEPA filtered air, barcode reader, user access control, programmable maximum storage time, alarm for pressure or power loss, adjustable high/low pressure settings, internal digital documentation of process parameters, integrated multi-lingual information/control panel, network-compatible, reversible door hinge and adjustable foot screws. Electromagnetic compatibility.

General Product Detail

Arch Sig: Yes	Spatially Sig: No
Arch Code: 2-Movable, Elect	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/V	Type: Medical
	Green: No

Electrical Requirements

Volts: 120	Watts: 75
Hz: 60	Amps: 0.62
Phase: Single	BTU/hr: N/A
KVA:	Ded. Circuit: No
Emer. Power: No	Plug Type: Type B (NEMA 5-15)

Physical Requirements

Width: 23.60 in (599 mm)	Left: N/A
Depth: 21.30 in (541 mm)	Right: N/A
Height: 74.80 in (1900 mm)	Front: N/A
Max Weight: 375 lbs (170.1 kg)	Back: N/A
Mounting: Floor	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: Yes
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: Yes	

Product and Project Item Notes

Structural Requirements

Seismic: Yes	Pre-approval:
---------------------	----------------------

Specification:

Fuse T2A (internal device) 16A (building).

GFI protected outlet (NEMA 5-15R) need to be within 3 feet (1 meter) of the installation and within reach of the operator.

Compressed medical grade air 29 to 145 PSI (2 to 10 bar), maximum flow volume of 5 CFM (140/min), Nominal diameter: 6.25 inches.

Depth does not include door handle or barcode scanner. Depth with open door, 90 degrees - 41.7 inches.

UPS is optional.

Structural:

Electrical:

Plumbing:

Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B421	Hold Clean	Project	Draft (New)	2	

Total: 2

ENDODRY™

Storage & Drying System



**CUSTOMER
REQUIREMENTS**

NORTH AMERICA

ADVANTAGE PLUS™
is a trademark of Medivators Inc.

DSD EDGE™
is a trademark of Medivators Inc.

ENDODRY™
is a trademark of Medivators Inc.

All other company or product names referenced in this document are trademarks of their respective owner.

50098-678-EN Rev E

© 2019 All rights reserved. This publication is protected by copyright. Copying, disclosure to others, or the use of this publication is prohibited without the express written consent of Medivators Inc.

Medivators reserves the right to make changes in the specifications shown herein without notice or obligation. Contact your Medivators representative or Medivators customer service for more information.

SITE REQUIREMENTS

This purpose of this document is to provide the facility with requirements to ensure correct installation and subsequent proper performance of the ENDODRY™ Storage and Drying System.



READ THE ENTIRE DOCUMENT.

APPLICABLE DOCUMENTS

- ENDODRY Storage and Drying System User Manual.

Any deviation from these specifications may cause operational issues that would not be covered by the Warranty.

BY SIGNING BELOW CUSTOMER ACKNOWLEDGES THAT:

1. Customer reviewed these Site Requirements for the ENDODRY™ Storage and Drying System as indicated in this document.
2. The customer assumes complete responsibility for meeting the specifications and requirements set forth in the Site Requirements documentation to ensure proper installation and performance of the ENDODRY Storage and Drying System. Failure of the customer to comply with these Site Requirements and any deviation from the specifications set forth herein may compromise the functionality of the system, and/or may cause operational issues which will not be covered by the Cantel Medical warranty, and are hereby disclaimed by Cantel Medical.
3. The customer assumes complete responsibility for meeting the specifications and requirements set forth in the Site Requirements documentation by the agreed upon installation date between the Customer and Cantel Medical. If the Cantel Medical installation team encounters any delays due to site requirements not meeting specifications and requirements, the Customer will be charged Medivators current rates for stand-by fees, until the site requirements are met and installation activity resumes; or, if it is determined that the delay results in rescheduling the installation to a later date, the Customer will be charged for all expenses at current Medivators rates (flights, lodging, and car rental, if applicable), and travel and labor time related to the return installation dispatch.
4. If installation is canceled or moved 48 hours prior to the agreed upon installation date, no fee will be charged.
5. For customers who request or accept Medivators space planning suggestions for the site prior to installation (“Space Planning Services”), Customer agrees that the Disclaimer, indicated in this document on Page 9, will apply to such Space Planning Services.

Customer Representative			Title	
Signature		Date	Email	

AIR SUPPLY

1. Quality: ISO 8573-1:2010 class 1.2.1
 - Particle Size: Incoming air filtered down to <1 micron in size.
 - Moisture Content: Pressure dew point (PDP) of -40°C or better required and no liquid water.
 - Oil Content: < 0.01mg of oil per cubic meter of compressed air (liquid, aerosol or vapor oil).
2. Pressure: The below pressures are required at the point of cabinet connection. Facility should consult with their Maintenance Department or their qualified air vendor to identify potential issues with the air supply.
 - ENDODRY™ Cabinet for ADVANTAGE PLUS™ Endoscope Reprocessor: 58-145 psi (4-10 bar).
 - ENDODRY Cabinet for DSD EDGE™ Automated Endoscope Reprocessor: 72-145 psi (5-10 bar).
3. Volume: The below volumes are required at the point of cabinet connection.
 - ADVANTAGE PLUS Endoscope Reprocessor/ENDODRY Cabinet: Minimum requirement of 4.2 scfm (120 l/min ANR) per cabinet.
 - DSD EDGE Automated Endoscope Reprocessor/ENDODRY Cabinet: Minimum requirement of 7 scfm (200 l/min ANR) per cabinet.
4. Flexible Air Hose: A 5 foot (1.5 Meter) line is included with each cabinet.
 - One end will be pre-configured to connect to ENDODRY™ Drying Cabinet.
 - Open end will be ¼” or 6mm inner diameter and it is the responsibility of the facility to make that connection to their air supply line.

The compressors listed below are suggestions that the facility can purchase directly from either the compressor manufacturer or authorized dealer. Medivators is not responsible for air compressor warranty, service and maintenance.

ADVANTAGE HOOKUPS			DSD HOOKUPS		
# of Cabinets	BeaconMedaes (Requires Additional Dryer)	Powerex (w/ Dryer)	# of Cabinets	BeaconMedaes (Requires Additional Dryer)	Powerex (w/ Dryer)
1	LES03-145T-RD-xxx	SES0308TM**	1	LES05-145T-RD-xxx	SES0508TM**
2	LES05-145T-RD-xxx	SES05058TM**	2	LES10-145RD	LSE1504
3	LES07-145T-RD-xxx	LSE1504	3	LES15-145RD	LSE1504
4	LES07-145T-RD-xxx	LSE1504	4	LES20-145RD	LSE2005
5	LES15-145RD	LSE1504	5	LES20-145RD	LSE2005

ELECTRICAL SUPPLY

- 100-240 VAC \pm 10%, single phase, 50/60 Hz, 15 amp circuit (120v), 10 amp circuit (230v).
- Power input: 75W
- A NEMA 5-15 power cord for the North America market and a CEE 7 power cord for the European market is included with the ENDODRY™ Storage and Drying System. The cord is approximately 6 feet (1.8 meters) in length.
- A GFI/RCD protected outlet located on the wall above the ENDODRY Storage and Drying System, see Floor & Wall Section.
- Medivators equipment must be on dedicated circuits.

NETWORKING

- The ENDODRY Storage and Drying System is a networkable piece of equipment and has the capabilities to communicate to other Medivators technologies via a LAN interface (RJ45, 10/100 Mbit).
- A 6.5 foot (2 meter) cable is included with the cabinet.
- A RJ45 wall mounted network jack located on the wall above the ENDODRY Storage and Drying System, see Floor & Wall section.

DIMENSIONS

Shipping Dimensions

- Crate Dimensions: H84"x W47"x D31"
- Crate Weight: 583 lbs.

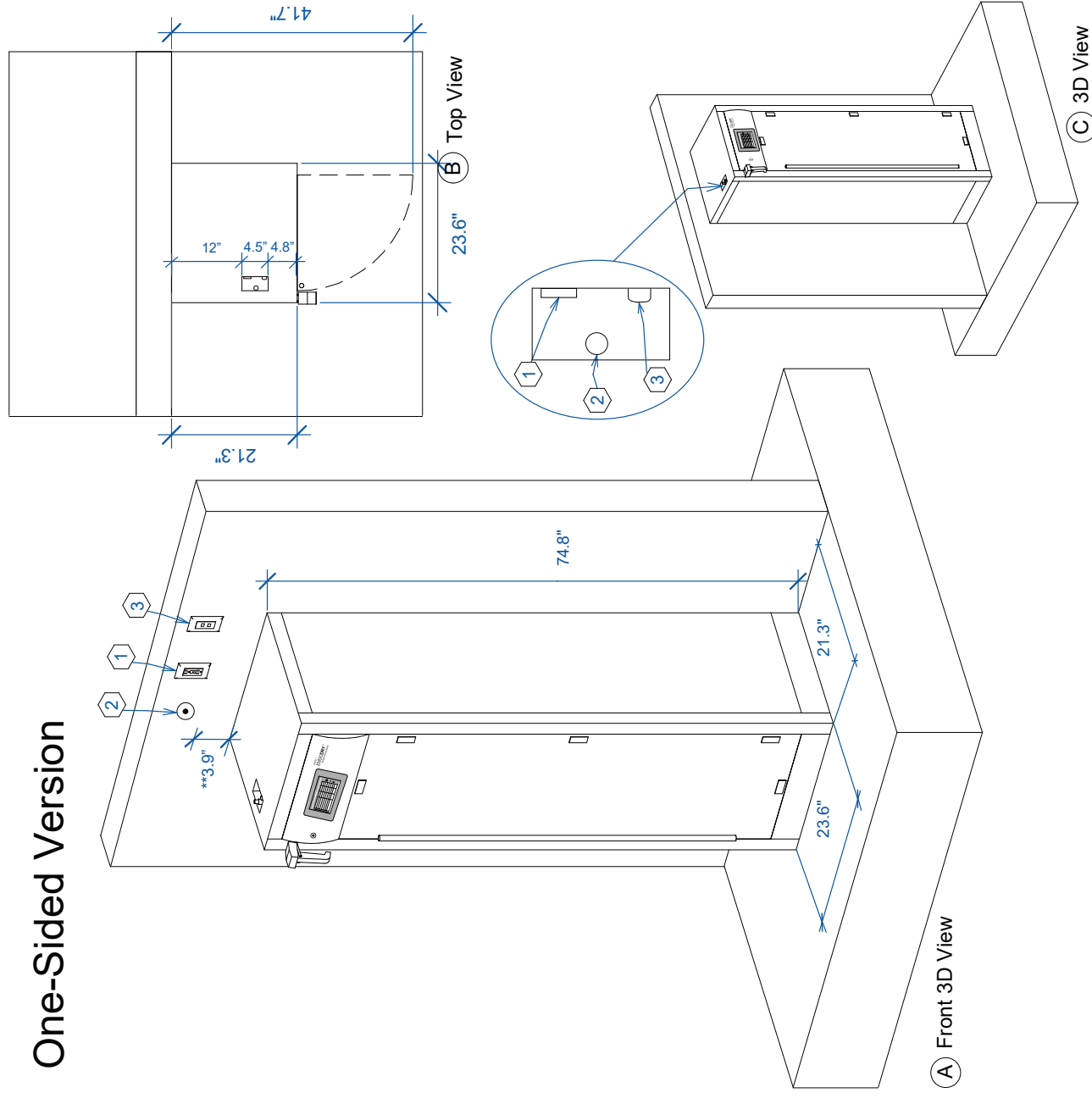
Reprocessor Dimensions

- Dimensions: H74.8" X W23.6" X D21.3"
- Weight: 375 lbs (170 kg)

FLOOR & WALL

- The floor must be level.
- For optimal user-safety and operation, it is recommended that the ENDODRY Storage and Drying System always be placed directly on the floor, and not on an elevated platform.
- The back of the one-sided ENDODRY Storage and Drying System will be placed flush against the wall. All electrical, network and air connections must be placed a minimum of 78.7 inches (200 cm) off of the floor above the cabinet.
- The two-sided ENDODRY Storage and Drying System is designed to fit into an opening in the wall. The rough opening for a single unit is H75.2" X W24" (191cm x 61cm). All electrical, network and air connections must be placed a minimum of 78.7 inches (200 cm) off of the floor above the cabinet. The electrical, network and air connections must be located on the loading side of the ENDODRY Storage and Drying System.

One-Sided Version



ENDODRY™
Storage and Drying System

- 1 Electrical Connection
- 2 Air Connection
- 3 Network Connection

**Minimum facility wall connections height is 78.7" from floor.

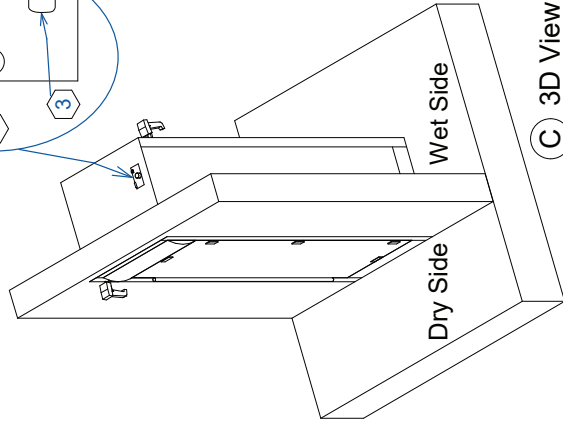
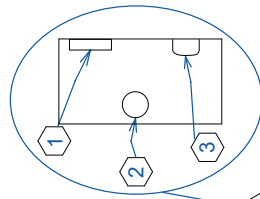
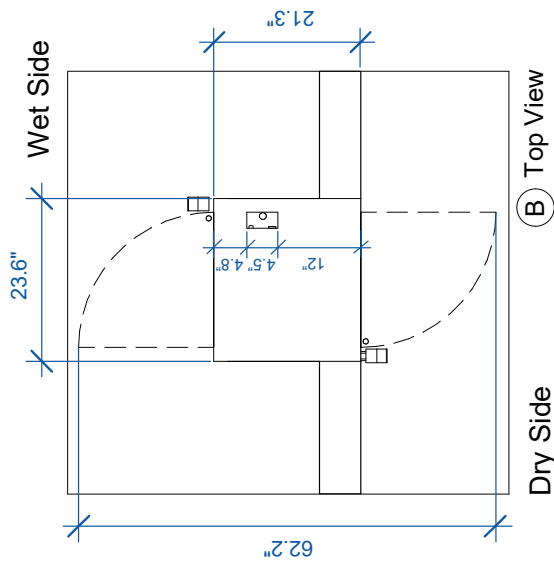
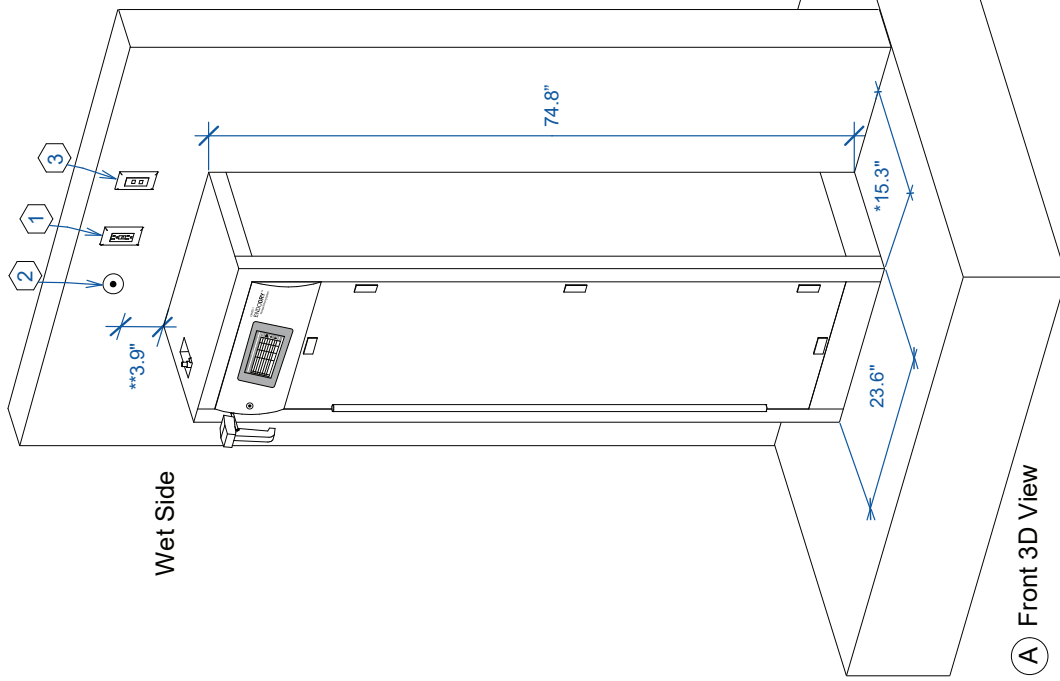
Options for Doors

Open Left - OL
Open Right- OR

For clarification and/or questions please contact Technical Support at 1.800.444.4729.

www.endoinfectionprevention.com to download the Revit file.

Two-Sided Version (Pass-Thru)



ENDODRY™ Storage and Drying System

- 1 Electrical Connection
- 2 Air Connection
- 3 Network Connection

*Measurement using a 6" wall.

**Minimum facility wall connections height is 78.7" from floor.

Options for Doors

- Open Left/Open Left - OLUL
- Open Right/Open Left - ORUL
- Open Left/Open Right - OLUR
- Open Right/Open Right - ORUR

For clarification and/or questions please contact Technical Support at 1.800.444.4729.

www.endoinfectionprevention.com
to download the Revit file.

SPACE-PLANNING SERVICES

For customers who request or accept Medivators space planning suggestions for the site prior to installation (“Space Planning Services”), Customer agrees that the following Disclaimer will apply to such Space Planning Services:

CUSTOMER ACKNOWLEDGES AND ACCEPTS THAT SPACE PLANNING SERVICES ARE OFFERED AND PROVIDED “AS IS” WITH NO REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, OF ANY KIND WHATSOEVER, INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR REPRESENTATIONS AS TO THE ADEQUACY OF ANY DESIGN, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR THAT ANY OF THE SERVICES WILL MEET CUSTOMER’S NEEDS OR REQUIREMENTS OR BE CAPABLE OF IMPLEMENTATION. IN NO EVENT SHALL MEDIVATORS BE LIABLE TO CUSTOMER OR ANY THIRD PARTY FOR LOSS OF PROFITS, LOSS OF USE, OR ANY DIRECT, INDIRECT, INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES OF ANY KIND, WHETHER OR NOT A PARTY WAS, IS, OR SHOULD BE AWARE OF SUCH LOSS OR DAMAGES. CUSTOMER AGREES THAT IT WILL RELY ON, USE AND OR OTHERWISE EMPLOY ARCHITECTS, ENGINEERS, CONSTRUCTION PROFESSIONALS AND OTHER VENDORS OR SERVICE PROVIDERS (COLLECTIVELY, “PROJECT PROFESSIONALS”) REGARDING THE FEASIBILITY OR IMPLEMENTATION OF ANYSPACE PLANNING SERVICES PROVIDED BY MEDIVATORS. By accepting the Space Planning Services, (i) Customer agrees to hold Medivators and its affiliates entirely free from any liability, including financial responsibility, for all claims, losses, damages, suits, actions, costs, liabilities, or expenses incurred by Customer or its agents or affiliates as a result of any design defect, any requirement of corrective or other action or its use, reliance on, modification or implementation of any of the Space Planning Services; (ii) Customer acknowledges that Medivators is not a licensed architect or engineer or otherwise in the business of construction or space design and Customer accepts the risks involved in using such Space Planning Services from Medivators; and (iii) Customer agrees to communicate to the Project Professionals the content of all the Space Planning Services including, without limitation, all designs and plans, specifications and attachments, and to have such Project Professionals check, review, verify and approve such content prior to incorporating, using or otherwise implementing any Space Planning Service.

ENDODRY™ STORAGE AND DRYING SYSTEM PRE-SITE REQUIREMENTS CHECKLIST

INITIAL AND SIGN AT THE TIME OF PRE-SITE INSPECTION

Customer Site Requirements Criteria	Initials
ENDODRY™ Cabinet for ADVANTAGE PLUS™ Endoscope Reprocessor provides air supply of 58-145 psi (4-10 bar).	
ENDODRY Cabinet for DSD EDGE™ Automated Endoscope Reprocessor provides air supply of 72-145 psi (5-10 bar).	
Air supply provides a flow rate of 4.2 scfm (120 l/min ANR) for the Advantage and 7 scfm (200 l/min ANR) for the DSD.	
Air supply maximum particle size is <1 micron, maximum dew point is -40°C, maximum oil content is 0.01 mg/m3.	
Air Supply plumbed to the wall a minimum of 78.7 inches (200 cm) off of the floor above the cabinet.	
GFI/RCD protected outlet located on the wall a minimum of 78.7 inches (200 cm) off of the floor above the cabinet.	
RJ45 wall mounted network jack located on the wall a minimum of 78.7 inches (200 cm) off of the floor above the cabinet (ENDODRY™ Cabinet for ADVANTAGE PLUS™ Endoscope Reprocessor only).	
Installation site has a level floor.	
Installation site accommodates the dimensions of H74.8" x W23.6" x D21.3" (190cm x 60cm x 54cm)	

Customer Site			
Customer Representative		Title	
Signature		Date	Email

Serial #	
Serial #	
Serial #	
Serial #	
Serial #	
Serial #	



Medivators Inc.
14605 28th Avenue North
Minneapolis, MN 55447 USA
Toll Free: +1.800.444.4729

Medivators BV
Sourethweg 11
6422PC Heerlen
The Netherlands
Tel: +31.45.5.471.471

ESCAD Medical GmbH
Zur Ohmdwiesen 5
88633 Heiligenberg
Germany
Tel: +49.7554.9999.500
Fax: +49.7554.9999.558

Cantel Medical Asia/Pacific Pte. Ltd.
1A International Business Park
#05-01 Singapore 609933
Tel: +65.6227.9698

www.medivators.com

APPLICATION

The AMSCO Drying Cabinet is intended for use in drying of clean medical devices that are not processed in an automatic washer/disinfector. The glass cabinet allows the operator to easily view the devices currently being dried.

The AMSCO Drying Cabinet provides HEPA filtered cabinet air and optional HEPA air purge connectors for lumens. The drying cabinet is designed to reduce manual drying time, and the pass-through cabinet provides a secure way to transport devices from decontamination to the clean side. Touchscreen control tracks drying time per shelf.

DESCRIPTION

The AMSCO Drying Cabinet is a freestanding cabinet of welded 304 stainless-steel construction with tempered glass windows in hinged door(s).

Shelf capacity ranges from nine to 18 removable shelves, depending on the model. Each shelf is capable of holding up to a 25 lb (11 kg) load.

The cabinet is equipped with internal cabinet LED lighting. All models include removable bottom stainless-steel drip pan(s). The drip pan allows for access to the floor below the cabinet for cleaning, and to the adjustable leveling feet for any required adjustments during installation.



(Typical only - some details may vary.)

The Selections Checked Below Apply To This Equipment

29" (737 mm) DRYING CABINET

- Free Standing Cabinet (DCC100101)
- Free Standing Cabinet with Purge (DCC101101)
- Pass-Through Cabinet (DCR100101)
- Pass-Through Cabinet with Purge (DCR101101)
- Free Standing XL Cabinet (DCC100101XL)
- Free Standing XL Cabinet with Purge (DCC101101)

38" (965 mm) DRYING CABINET

- Free Standing Cabinet (DCC200101)
- Free Standing Cabinet with Purge (DCC201101)
- Pass-Through Cabinet (DCR200101)
- Pass-Through Cabinet with Purge (DCR201101)

ACCESSORIES

- Air Purge Connectors (DCA0291)
- Trim Kit, 29" (737 mm) (DCAR290)
- Trim Kit, 38" (965 mm), (DCAR380)
- Seismic Kit (DCSEISMIC)
- Set of 8 Tube Sets (DCA0292)

Item _____

Location(s) _____

STANDARDS

AMSCO Drying Cabinet is tested and designed for compliance with the following codes:

- UL 61010-1
- CSA C22.2 No. 0
- CSA C22.2 No. 0.4

FEATURES

29" (737 mm) Drying Cabinet

Contains nine shelves, four scope hangers

29" (737 mm) Pass-Through Drying Cabinet

- Contains nine shelves, four scope hangers
- Interlocking doors

29" (737 mm) XL Drying Cabinet

Contains nine wider shelves

38" (965 mm) Drying Cabinet

Contains 18 shelves

38" (965 mm) Pass-Through Drying Cabinet

- Contains 18 shelves
- Interlocking doors

LED light per each shelf allows medical devices to be clearly seen.

Stainless-steel drip pan(s) allows access to floor below the cabinet for cleaning, and to adjustable leveling feet for any required adjustments during installation.

HEPA Filtered Air Purge (optional) assists in the drying of lumened medical devices. A pre-filter minimizes debris prior to the HEPA filter.

Tubing with luer lock connectors aid in the drying process (optional).

Timer Countdown advises when medical devices are nearing their user-selected drying time limits. Each shelf is numbered, and corresponds to a timer on the screen.

10" Touchscreen provides clear and intuitive operation for tracking drying time for each shelf.

Precise temperature control allows the user to set temperature from ambient to 136°F (58°C). Supervisor can lock the cabinet temperature if desired.

Cabinet door is interlocking and made of tempered glass.

Door alarm sounds if door is left open for 45 seconds to help minimize heat loss.

Isolated chamber minimizes heat loss.

Schedule option allows facility to create a daily schedule of when the cabinet is heated. Energy saving feature reduces electrical consumption when unit is not in use.

ACCESSORIES

- **Air purge connectors**, which aid in drying lumens, are available as an option for all models. Air purge can be installed on the top four shelves, or for the four scope hangers.
- **Trim kit** encloses the wall gap for the pass-through cabinet.

UTILITY REQUIREMENTS

CUSTOMER IS RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE LOCAL AND NATIONAL CODES AND REGULATIONS.

Electrical – The unit is compatible with the following ratings:

- 120 Vac, 60 Hz, 20 Amp standard duplex receptacle

PREVENTIVE MAINTENANCE

A global network of skilled service specialists can provide periodic inspections and adjustments to help ensure low-cost peak performance. STERIS representatives can provide information regarding annual maintenance agreements.

NOTE

Reference the appropriate AMSCO Drying Cabinet equipment drawing for important installation requirements and details.

The base language of this document is ENGLISH. Any translations must be made from the base language document.

SPECIFICATIONS

Table 1. AMSCO Drying Cabinets

Model Number	Description	Dimensions
DCC100101	29" (737 mm) Drying Cabinet	29" W x 31" D x 78" H (737 x 787 x 1981 mm)
DCC1011101	29" (737 mm) Drying Cabinet with Purge	29" W x 31" D x 78" H (737 x 787 x 1981 mm)
DCR100101	29" (737 mm) Pass-Through Drying Cabinet	29" W x 31" D x 78" H (737 x 787 x 1981 mm)
DCR101101	29" (737 mm) Pass-Through Drying Cabinet with Purge	29" W x 31" D x 78" H (737 x 787 x 1981 mm)
DCC100101XL	29" (737 mm) AMSCO Drying Cabinet large shelves	29" W x 31" D x 78" H (737 x 787 x 1981 mm)
DCC101101XL	29" (737 mm) AMSCO Drying Cabinet large shelves with purge	29" W x 31" D x 78" H (737 x 787 x 1981 mm)
DCC200101	38" (965 mm) Drying Cabinet	38" W x 31" D x 78" H (965 x 787 x 1981 mm)
DCC201101	38" (965 mm) Drying Cabinet with Purge	38" W x 31" D x 78" H (965 x 787 x 1981 mm)
DCR200101	38" (965 mm) Pass-Through Drying Cabinet	38" W x 31" D x 78" H (965 x 787 x 1981 mm)
DCR201101	38" (965 mm) Pass-Through Drying Cabinet with Purge	38" W x 31" D x 78" H (965 x 787 x 1981 mm)

For Further Information, contact:

STERIS®



STERIS Corporation
5960 Heisley Road
Mentor, OH 44060-1834 • USA
440-354-2600 • 800-548-4873
www.steris.com

This document is intended for the exclusive use of STERIS Customers, including architects or designers. Reproduction in whole or in part by any party other than a Customer is prohibited.

University of Kentucky



Pav A Basement / Phase 2

Specification Coversheet



Description: Supply Cart

Manufacturer: InterMetro Industries Corp (800.992.1776)

Vendor: InterMetro Industries Corp (800.992.1776)

Model: ECN-C Series 60x24x72

Atta ID: 3542-011

Alt ID:

Mfr #: EGN56CC

Vendor #: EGN56CC

CAD ID: SPC0396

Item ID:

Exchange Cart. Features 5 chrome-plated wire shelves 60inW x 24inD, chrome-plated posts, 8" casters (two with swivel locks), aluminum dolly frame with wraparound bumper & side and back enclosure panels. Includes 2 super slide, four 6in tote boxes with box dividers, six shelf dividers & 12 bin markers.

General Product Detail

Arch Sig: No	Spatially Sig: Yes
Arch Code: 3-Movable, Non-Elect	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/O	Type: Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: 60.00 in (1524 mm)	Left: N/A
Depth: 24.00 in (610 mm)	Right: N/A
Height: 72.00 in (1829 mm)	Front: N/A
Max Weight: 165 lbs (74.8 kg)	Back: N/A
Mounting: Floor-Mobile	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Structural Requirements

Seismic: No	Pre-approval:
--------------------	----------------------

Product and Project Item Notes

Specification:

Structural:

Electrical:

Plumbing:

Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials		Returns Processing	Project	Draft (New)	1	
Central Sterile / OR Materials		Returns Processing	Existing (Reuse)	Draft (Existing)	2	
Total:					3	



Item# _____

Job _____



Exchange Carts



METRO EXCHANGE CARTS

- **Functional:** Open-wire design minimizes dust accumulation and permits air circulation, light penetration, and greater visibility of stored items. Carts are assembled without tools, utilizing an interlocking split sleeve device which allows shelf adjustment at one-inch increments.
- **Versatile:** Three series of Exchange Carts offer various cart sizes, shelving configurations, caster styles, and accessories to meet every need and condition for exchange of supplies to nursing units and functional departments throughout healthcare facilities.
- **Adaptable:** Exchange carts within each series are accessorized with dividers, ledges, enclosure panels, Super Erecta Slides, and tote boxes in various combinations which can all be removed and reconfigured to adapt to changes in supply, volume, and packaging.
- **Attractive, Durable Chrome-Plated Finish.** Also available in stainless steel.
- **Cart Covers Available**

System Benefits

- **Cost Reduction:** An Exchange Cart System reduces inventory. Exchanged at regular intervals, usually 24 hours, carts require far less stock than traditional par level systems, eliminating surpluses.
- **Improved Inventory Control:** Supply inventory is monitored daily, allowing strict inventory control and quick adjustment of discrepancy between usage and patient charges.
- **Reduced Handling:** Exchange carts are handled only once between stocking and patient distribution, as opposed to par level systems which require supply personnel to take inventory, retrieve needed supplies, and return to the user site.
- **Flexible:** Changes in the type and quantity of supplies, utilized due to fluctuations in patient census and profile, can be recognized daily and instantly responded to with cart stocking adjustments.



InterMetro Industries Corporation
North Washington Street
Wilkes-Barre, PA 18705

Copyright © 1997 InterMetro Industries Corp.

30.05



METRO EXCHANGE CARTS

ECN-A Series*

- Five chrome-plated wire shelves
- Chrome-plated posts
- 5" (127 mm) resilient stem casters (two with brakes)
- Six bin markers

Cat. No.	Overall Height		Shelf Width		Shelf Length	
	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)
ECN45CA	69	1752	21	530	48	1220
ECN46CA	69	1752	21	530	60	1525
ECN55CA	69	1752	24	610	48	1220
ECN56CA	69	1752	24	610	60	1525



ECN-C Series*

- Five chrome-plated wire shelves
- Chrome-plated posts
- 8" (203 mm) resilient casters (two with swivel locks)
- Aluminum dolly frame with wraparound bumper
- Side and back enclosure panels
- One or two Super Slides
- Two or four 6" (152 mm) deep tote boxes with box dividers
- Four or six shelf dividers
- Twelve bin markers

Cat. No.	Super Slides	Tote Boxes 6" (152 mm) Deep		Shelf Dividers	Overall Height		Shelf Width		Shelf Length	
					(in.)	(mm)	(in.)	(mm)	(in.)	(mm)
ECN55CC	1	2	4	4	72	1829	24	610	48	1220
ECN56CC	2	4	6	6	72	1829	24	610	60	1525



*Tote Boxes and Slides can be arranged and rearranged to meet customer requirements. Other carts not shown.

ECM-A Series*

- Four chrome-plated wire shelves
- One stainless steel solid shelf
- Chrome-plated posts
- 5" (127 mm) resilient stem casters (two with brakes)
- Six bin markers

Cat. No.	Overall Height		Shelf Width		Shelf Length	
	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)
ECM45XA	69	1752	21	530	48	1220
ECM46XA	69	1752	21	530	60	1525
ECM55XA	69	1752	24	610	48	1220
ECM56XA	69	1752	24	610	60	1525



ECM-C Series*

- Four chrome-plated wire shelves
- One stainless steel solid shelf
- Chrome-plated posts
- 8" (203 mm) resilient casters (two with swivel locks)
- Aluminum dolly frame with wraparound bumper
- Side and back enclosure panels
- One or two Super Slides
- Two or four tote boxes with box dividers
- Four or six shelf dividers
- Twelve bin markers

Cat. No.	Super Slides	Tote Boxes 6" (152 mm) Deep		Shelf Dividers	Overall Height		Shelf Width		Shelf Length	
					(in.)	(mm)	(in.)	(mm)	(in.)	(mm)
ECM55XC	1	2	4	4	72	1829	24	610	48	1220
ECM56XC	2	4	6	6	72	1829	24	610	60	1525



*Tote Boxes and Slides can be arranged and rearranged to meet customer requirements. Other carts not shown.

Manufactured by:
InterMetro Industries Corp.
 North Washington Street
 Wilkes-Barre, PA 18705

Phone 717-825-2741
 FAX 717-825-2852
 For Product Information, call 1-800-433-2232
 For Customer Service, call 1-800-992-1776

Pav A Basement / Phase 2

Specification Coversheet



Description: Freezer, Ultra-low, Upright

Manufacturer: So-Low Environmental Equipment Co. (513-772-9410)

Vendor: So-Low Environmental Equipment Co. (513-772-9410)

Model: U85-13 (13 Cu.Ft.)

Atta ID: 3818-042

Alt ID: 280

Mfr #: U85-13

Vendor #: U85-13

CAD ID: FRZ0699

Item ID:

Upright ultra-low freezer, 13 cu.ft. capacity. Microprocessor control with temperature range from -40°C to -85°C, hi/low alarm, alarm relay, four adjustable shelves, single stage with one hermetic compressor, zinc coated galvanized steel interior, and powder coated steel exterior.

General Product Detail

Arch Sig: Yes	Spatially Sig: No
Arch Code: 2-Movable, Elect	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/O	Type: Medical
	Green: No

Electrical Requirements

Volts: 115	Watts: 1610
Hz: 60	Amps: 14
Phase: Single	BTU/hr: N/A
KVA:	Ded. Circuit: Yes
Emer. Power: Yes	Plug Type: Type B (NEMA 5-20)

Physical Requirements

Width: 35.00 in (889 mm)	Left: N/A
Depth: 34.50 in (876 mm)	Right: N/A
Height: 79.50 in (2019 mm)	Front: N/A
Max Weight: 725 lbs (328.9 kg)	Back: N/A
Mounting: Floor	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Structural Requirements

Seismic: Yes	Pre-approval:
---------------------	----------------------

Product and Project Item Notes

Specification:

Requires 20 amp dedicated circuit. Battery operated alarm system. Relay for a remote alarm hook-up is also provided.

Structural:

Electrical:

Plumbing:

Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B510	Supply Storage	Existing (Reuse)	Draft (Existing)	2	
Total:					2	

ENGINEERS AND MANUFACTURERS OF ULTRA-LOW FREEZERS

SO-LOW UPRIGHT FREEZER TO -85°C ***MODEL U85-13***

13 Cubic Ft. (370 liters) Upright – Temperature Range: -40°C to -85°C
Upright Freezer

Specifications:

* Capacity	13 cubic ft. / 370 liters
* Temperature Range	-40°C to -85°C
* Dimensions	
* Exterior W x D x H	35" x 34.5" x 79" 88 x 87 x 201 (cm)
* Interior W x D x H	20" x 22" x 51" 51 x 56 x 130 (cm)

TEMPERATURE CONTROL

Microprocessor control displays set point and chamber temperature.

ALARM SYSTEM WITH RELAY

The battery operated alarm system will emit an audible and visual signal when there is a mechanical or electrical failure. The alarm has an over and under temperature setting, alarm silencing switch, and battery test switch. Also provided is a relay for remote alarm hook-up.

REFRIGERATION SYSTEM

A So-Low cascade system with two hermetic compressors. CFC & HCFC free refrigerants

CONSTRUCTION

Chamber is 14-ga. Zinc coated galvanized steel. Exterior is 16-ga. steel. Power coated cool gray.

VOLTAGE

115/60/1 - 208/60/1 - 230/60/1 - 220/50/1
20 AMP dedicated circuit required.
ETL electrical approval.

TECHNICAL SUPPORT

Supplied by Nation-Wide-Network of service companies.



Specifications subject to change without notice

**Pav A Basement / Phase 2
Specification Coversheet**



Description: Oven, Commercial, Microwave
Manufacturer: Sharp Electronics Corporation ((201) 529-8200)
Vendor: Grainger (800-472-4643)
Model: R-21LTF Medium Duty

Atta ID: 4104-037
Alt ID:
Mfr #: R-21LTF
Vendor #: 6T038
CAD ID: OVN0221

Medium duty, commercial microwave oven, 1.0 cu. ft. capacity, stainless steel exterior and interior. 1000 watts power, 11 power levels. Touch controls with 20 memory storage, ceramic bottom shelf with rubber seal. Touch sensitive pads with Braille.

Item ID:

General Product Detail

Arch Sig: Yes	Spatially Sig: No
Arch Code: 2-Movable, Elect	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/O	Type: Non-Medical
	Green: No

Electrical Requirements

Volts: 120	Watts: 1680
Hz: 60	Amps: 14
Phase: Single	BTU/hr: N/A
KVA:	Ded. Circuit: Yes
Emer. Power: No	Plug Type: Type B (NEMA 5-15)

Physical Requirements

Width: 20.50 in (521 mm)	Left: 2.00 in (51 mm)
Depth: 16.00 in (406 mm)	Right: 2.00 in (51 mm)
Height: 12.25 in (311 mm)	Front: N/A
Max Weight: 37 lbs (16.8 kg)	Back: 2.00 in (51 mm)
Mounting: Counter/Cart/Table/Pole	Top: 2.00 in (51 mm)
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Structural Requirements

Seismic: No	Pre-approval:
--------------------	----------------------

Product and Project Item Notes

- Specification:**
15 amp dedicated circuit.
- Structural:**
- Electrical:**
- Plumbing:**
- Mechanical:**

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B502	Breakroom	Project	Draft (New)	1	
Total:					1	



Medium-Duty Commercial Microwave Ovens

QUALITY AND DEPENDABILITY THAT GO ABOVE AND BEYOND

Heating Appliance When You Need It

Perfect for smaller kitchens that do not require volume cooking, Sharp medium-duty microwave ovens feature a generous **1.0 cubic-foot capacity** and a convenient **1,000-watt power output**. They're ideal for defrosting, heating up or cooking small food items, and bring a new dimension of dependability to break rooms, hospitals, convenience stores, gas stations, and countless other settings. An array of easy-to-use features and one-touch controls add versatility—without added costs of using a high-powered microwave or oven.

Featuring stainless steel interior and exterior doors, these durable units stand up well to day-to-day use and are built to last. Strong, specially designed latch handles reduce door failure, one of the most frequent problems on units of lesser quality.



R-21LCF 1000 watts



R-21LVF 1000 watts



R-21LTF 1000 watts

R-21LCF

Dependable 6-Minute Electronic Dial Timer – is clearly marked in 10, 15 and 30-second increments.

When the door is opened during cooking, the remaining time is cancelled. This is a vast improvement over mechanical dial models that continue counting down after food was removed – wasting energy and reducing the magnetron's life.

Heating Time Guide – recommends times for heating a variety of popular foods. It's a handy "on-the-spot" reference for timesaving convenience.

R-21LVF

Computerized Touch Controls – provides 10 programmable memories with one-second increment timing; built-in safeguards prevent unauthorized changes.

Double Quantity Pad – automatically provides optimum heating times for two portions for excellent results.

Express Defrost™ – automatically divides total defrosting time into 3 stages with 3 power levels.

Memory Check – lets the user confirm the time setting and power level for each memory pad.

R-21LTF (includes features above)




Two-Way Programming – use any of the pre-programmed memories or manually program up to 20 of your own.

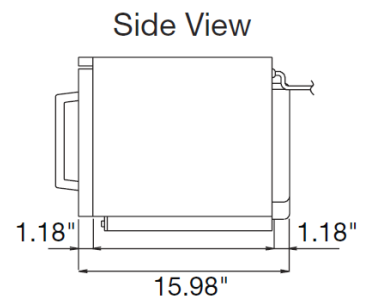
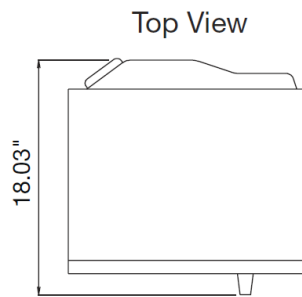
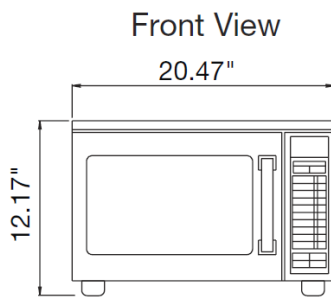
3-Stage Programming – program food to defrost, then cook at one power level and finish cooking at another.

Counter Check - lets the oven "remember" how often each feature was used plus the total number of manual uses so managers can keep closer tabs on operation.

Product Specifications

MEDIUM DUTY COMMERCIAL MICROWAVE OVENS

Model Number:	R-21LTF	R-21LVF	R-21LCF
Oven Control:	Touch sensitive pads with Braille	Touch sensitive pads with Braille	Electronic Light Up Dial with Auto Cancel
Output Power (IEC):	1000W	1000W	1000W
Cabinet and Oven Interior:	Stainless steel cabinet and interior	Stainless steel cabinet and interior	Cool gray cabinet, stainless steel interior and door
Special Features:	20 Memories, Double Quantity, Express Defrost™, 3-stages, Memory Check	10 Memories, Double Quantity, Express Defrost™, Memory Check	Heating Time Guide, 6-minute coded, Light Up Dial timer, Auto Cancel
Variable Power Levels SelectaPower™:	11	100% only	100% only
Cavity Dimensions: (W × H × D)	13 7/8" × 8 1/8" × 14 5/8" 1.0 cu. ft.	13 7/8" × 8 1/8" × 14 5/8" 1.0 cu. ft.	13 7/8" × 8 1/8" × 14 5/8" 1.0 cu. ft.
Outside Dimensions: (W × H × D)	20 1/2" × 12 1/8" × 16"	20 1/2" × 12 1/8" × 16"	20 1/2" × 12 1/8" × 16"
Weight: Net / Shipping	37 lbs / 44 lbs	37 lbs / 44 lbs	37 lbs / 44 lbs
AC Power Required:	120V, 60 Hz, 1.55kW, 14A	120V, 60 Hz, 1.55kW, 14A	120V, 60 Hz, 1.55kW, 14A
NEMA Receptacle:	5-15 R 	5-15 R 	5-15 R 
UPC:	074000616509	074000616486	074000616493



SHARP®

SHARP ELECTRONICS CORPORATION
 Sharp Plaza, Mahwah, NJ 07495-1123
 ©2016 Sharp Electronics Corporation.
 All rights reserved.

Design and specifications subject to change without notice.
 Sharp is a registered trademark of Sharp Corporation. TwinTouch,
 SelectaProgram, SelectaPower, SelectaTime and Express Defrost
 are trademarks of Sharp Corporation. All other trademarks are
 the property of their respected owners.



CIM-06-011
 2016•13L01

Pav A Basement / Phase 2

Specification Coversheet



Description: Pump, Breast, General

Manufacturer: Medela Inc. - Breastfeeding ((800) 435-8316)

Vendor: Medela Inc. - Breastfeeding ((800) 435-8316)

Model: Symphony Plus w/ Trolley

Atta ID: 4170-027

Alt ID:

Mfr #: 0240215/6007092

Vendor #: 0240215/6007092

CAD ID: BRP0028

Item ID:

Hospital Grade General Breast Pump with Trolley. Features 2-phase expression technology. Single and double pumping. Two separate, independent membrane units. Let-down button. 5-caster stand trolley. Contains: Symphony PLUS program card; Container stand; Quick start card; Protector for card/cord; Instructions. Price is for both Symphony Plus and Trolley. **Rental option is available.

General Product Detail

Arch Sig: No	Spatially Sig: No
Arch Code: 2-Movable, Elect	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/O	Type: Medical
	Green: No

Electrical Requirements

Volts: 120	Watts: 60
Hz: 60	Amps: 0.5
Phase: Single	BTU/hr: N/A
KVA:	Ded. Circuit: No
Emer. Power: No	Plug Type: Type B (NEMA 5-15)

Physical Requirements

Width: 16.10 in (409 mm)	Left: N/A
Depth: 16.10 in (409 mm)	Right: N/A
Height: 38.30 in (973 mm)	Front: N/A
Max Weight: 20 lbs (9.3 kg)	Back: N/A
Mounting: Floor-Mobile	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Structural Requirements

Seismic: No	Pre-approval:
--------------------	----------------------

Product and Project Item Notes

Specification:

Dimensions and weight is for both Symphony Plus and Trolley.

Structural:

Electrical:

Plumbing:

Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B503	Lactation	Project	Draft (New)	1	

Total: 1



Symphony Trolley

6007092



- Durable trolley for transporting Symphony Breastpump
- 5-caster stand
- Dimensions: 16.1" Diameter, 25.8" High
- Weight: 12 lbs.

Symphony®



EN Instructions for use | ES Instrucciones de uso | FR Mode d'emploi



Read all instructions before using this product.
PLEASE SAVE THESE INSTRUCTIONS

Lea todas las instrucciones antes de usar este producto.
CONSERVE ESTAS INSTRUCCIONES

Veillez lire toutes les directives avant d'utiliser ce produit.
VEUILLEZ CONSERVER CES DIRECTIVES



*All parts that touch breast milk are made without BPA.
*Todos los partes que tocan la leche materna están fabricadas sin BPA.
*Toutes les pièces qui entrent en contact avec la lait maternel ne contiennent pas de BPA.

21. Technical Specifications



vacuum (approx.)
 -50 ... -250 mmHg
 -7 ... -33 kPa
 45 ... 120 cpm



100-240 V-
 50/60 Hz
 0.5A



T 0.8A, 250V
 (slow blow)
 5 x 20mm L = Low Breaking Capacity



12 V --- Car adapter
 T 2.5 A
 (slow blow)



2x6V, 1200mAh
 Pb (lead acid)
 Yuasa NP 1.2-6



3.5kg
 2.9kg



Operation



Transport/Storage



Operation



Transport/Storage



Operation/Transport/Storage

**Pav A Basement / Phase 2
Specification Coversheet**



Description: Refrigerator, Domestic, Undercounter
Manufacturer: Frigidaire - Div. Electrolux ((800) 374-4432)
Vendor: Frigidaire - Div. Electrolux ((800) 374-4432)
Model: FFPE4522QM (4.5 cu. ft./Silver Mist)

Atta ID: 4238-116
Alt ID:
Mfr #: FFPE4522QM
Vendor #: FFPE4522QM
CAD ID: REF1567
Item ID:

Compact domestic refrigerator with freezer compartment, 4.5 cu. ft. capacity, Silver Mist. Features lock with pop-out key, recessed door handle, smooth cabinet finish, reversible door, 1 SpaceWise adjustable glass shelf, 1 fixed removable glass shelf, 1 clear crisper drawer, 2 half-width door racks, 1 full width door rack, and can rack with 8 can capacity. Energy Star Certified.

General Product Detail

Arch Sig: Yes	Spatially Sig: No
Arch Code: 2-Movable, Elect	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/O	Type: Non-Medical
	Green: Yes

Electrical Requirements

Volts: 120	Watts: REM
Hz: 60	Amps: 15
Phase: Single	BTU/hr: N/A
KVA:	Ded. Circuit: Yes
Emer. Power: No	Plug Type: Type B (NEMA 5-15)

Physical Requirements

Width: 21.25 in (540 mm)	Left: 3.00 in (76 mm)
Depth: 23.00 in (584 mm)	Right: 3.00 in (76 mm)
Height: 34.00 in (864 mm)	Front: N/A
Max Weight: 69 lbs (31.3 kg)	Back: 3.00 in (76 mm)
Mounting: Floor	Top: 3.00 in (76 mm)
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Structural Requirements

Seismic: No	Pre-approval:
--------------------	----------------------

Product and Project Item Notes

Specification:
Requires 15 amp dedicated circuit.

Depth includes door.

Structural:

Electrical:

Plumbing:

Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B503	Lactation	Project	Draft (New)	1	
Central Sterile / OR Materials		Open Office	Project	Draft (New)	1	

Total: 2

Compact Refrigerators

FFPE4522Q **M**/B

4.5 Cu. Ft.



Product Dimensions

A - Height	33-7/8"
B - Width	21-1/4"
C - Depth (Including Door)	23"
D - Depth with Door Open 90°	42-3/4"

More Easy-To-Use Features

Lock with Pop-Out Key

The key automatically ejects after locking so you don't have to worry about leaving it in the door.

Store-More™ Clear Crisper Drawer

Your fruits and vegetables will stay fresher with our crisper drawer.

Black Door Handle (Recessed)

Smooth Cabinet Finish

Door Stops

Black Door Hinge Covers



ENERGY STAR®

Available in:



Signature Features

Store-More™ Built-In Can Dispenser

Convenient in-door can storage that holds 8 cans.

SpaceWise® Adjustable Glass Shelf

Easily adjust shelf up and down to create more space for taller items.

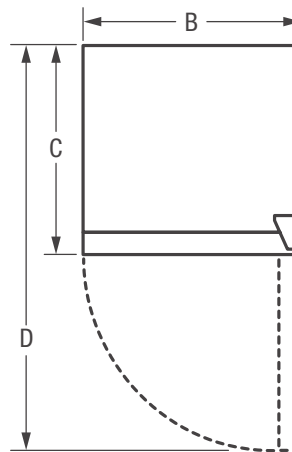
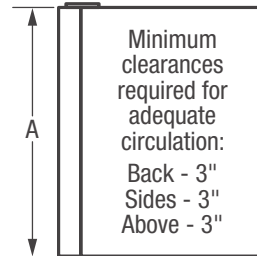
Store-More™ Full Width Freezer

Easy-to-access freezer with latching door to keep food frozen longer.

Reversible Door Swing Option

Refrigerator and interior freezer doors can be installed to open left or right based on your needs.

Features	
Cubic Feet (Cu.Ft.)	4.5
Exterior	
Door Color	Color-Coordinated
Cabinet Color	Black
Door Handle	Recessed
Door Stops	Yes
Reversible Door	Yes
Interior	
Defrost	Manual
Lighting	Bright
Refrigerator Shelves	1 SpaceWise® Adjustable Glass / 1 Fixed Removable Glass
Store-More™ Crisper Drawers	1 Clear
Door Bins	
Door Racks	2 Half-Width White, 1 Full-Width White
Tall Bottle Retainers	
Can Rack	8-Can Capacity
Freezer Racks	
Freezer Shelves	
Cabinet Liner	White
Certifications	
ENERGY STAR®	Yes
Specifications	
Total Capacity (Cu.Ft.)	4.5
Refrigerator Capacity (Cu.Ft.)	3.8
Freezer Capacity (Cu.Ft.)	0.7
Power Supply Connection Location	Right Bottom Rear
Voltage Rating	120V / 60Hz / 15A
Minimum Circuit Required (Amps)	15
Shipping Weight (Approx.)	69 Lbs.
Installation Type	Freestanding



NOTE: For planning purposes only. Always consult local and national electric codes. Refer to Product Installation Guide for detailed installation instructions on the web at frigidaire.com.



Product Dimensions	
A - Height	33-7/8"
B - Width	21-1/4"
C - Depth (Incl. Door)	23"
D - Depth with Door Open 90°	42-3/4"

Accessories information available on the web at frigidaire.com

Pav A Basement / Phase 2

Specification Coversheet

Atta ID: 4389-022



Description: Sterilizer, Low Temperature

Manufacturer: STERIS Corporation - Healthcare ((440) 354-2600)

Vendor: STERIS Corporation - Healthcare ((440) 354-2600)

Model: Amsco V-PRO maX 2 SD (Cabinet)

Alt ID:

Mfr #: VP500021

Vendor #: VP500021

CAD ID: STE0603

Item ID:

Low temperature/Hydrogen Peroxide sterilizer. Cabinet model. For use in the terminal sterilization of cleaned, rinsed, dried reusable metal and nonmetal medical devices that are sensitive to heat and moisture. 136L capacity, automatic door lock, chamber, door assembly are aluminum and door is equipped with a silicone rubber gasket. Insulation fitted on the chamber wall exterior, door and welded backhead is 1 inch (25 mm) thick (nominal). Insulation is held in place with hook-and-loop closures. Insulation is constructed of asbestos- and chloride-free, oil and water resistant (silicone impregnated) fiberglass. Automatic door locking mechanism, foot pedal enables user to hands-free open sterilization system door. Chamber heating is achieved through electric strip heaters attached to the chamber sides, bottom wall, door and backhead. Operating temperature is approximately 122°F (50°C). Sterilant cartridge interface only accepts VAPROX HC Sterilant Cartridges (Cups). The system control automatically tracks the amount of VAPROX HC Sterilant used and the Sterilant expiration date. The control prompts the user on the control display when a new Cup is needed. Lead Time: 2 weeks.

General Product Detail

Arch Sig: Yes	Spatially Sig: No
Arch Code: 2-Movable, Elect	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/O	Type: Medical
	Green: Yes

Electrical Requirements

Volts: 208	Watts: 3328
Hz: 60	Amps: 16.00
Phase: 3-Phase	BTU/hr: 1400
KVA:	Ded. Circuit: Yes
Emer. Power: No	Plug Type: Special

Physical Requirements

Width: 33.00 in (838 mm)	Left: N/A
Depth: 40.94 in (1040 mm)	Right: N/A
Height: 72.00 in (1829 mm)	Front: N/A
Max Weight: 1020 lbs (462.7 kg)	Back: N/A
Mounting: Floor	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: Yes	

Structural Requirements

Seismic: Yes	Pre-approval:
---------------------	----------------------

Product and Project Item Notes

Specification:

Receptacle type: NEMA L22-20R.
Minimum 20 amp circuit breaker recommended.

Refer to site typical drawings for detailed installation information.

Lead Time: 2 weeks.

Structural:

Electrical:

Plumbing:

Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B403	Clean Work	Existing (Reuse)	Draft (Existing)	4	

Total: 4

APPLICATION

The V-PRO max 2 Low Temperature Sterilization System using VAPROX HC Sterilant is intended for use in the terminal Sterilization of properly prepared (cleaned, rinsed and dried) medical devices in Healthcare Facilities. The preprogrammed Sterilization Cycles operate at low pressure and temperature, suitable for processing medical devices without leaving toxic residues.

Each Cycle can Sterilize non-lumened instruments with diffusion-restricted spaces such as the hinged portion of forceps and scissors. Only stainless-steel or titanium diffusion-restricted spaces should be processed in the Non Lumen Cycle and Fast Non Lumen Cycle.

The **Non Lumen Cycle** can Sterilize† non-lumened instruments including non-lumened general medical instruments and non-lumened rigid, semi-rigid and flexible endoscopes.

† Validation studies were conducted using validation load consisting of two instrument trays for a total weight of 50 lb (22.7 kg).

The **Fast Non Lumen Cycle** can Sterilize‡ non-lumened instruments including non-lumened general medical instruments and non-lumened rigid, semi-rigid and flexible endoscopes.

‡ Validation studies were conducted using validation load consisting of one pouched instrument tray for a total weight of 11 lb (5 kg).

The **Flexible Cycle** can Sterilize single or dual lumen surgical flexible endoscopes (such as those used in ENT, Urology and Surgical Care) and bronchoscopes in either of the two configurations:

1. Two flexible endoscopes with a light cord (if not integral to endoscope) and mat with no additional load.** The flexible endoscopes may contain either:
 - a. A single lumen that is ≥ 1 mm inside diameter (ID) and ≤ 1050 mm in length
 - b. Or two lumens with:
 - One lumen that is ≥ 1 mm ID and ≤ 990 mm in length
 - And the other that is ≥ 1 mm ID and ≤ 850 mm in length.

**The validation studies were conducted with two flexible endoscopes, each packaged into a tray with silicone mat and light cord (if not integral to endoscope).



(Typical only - some details may vary.)

2. One flexible endoscope with a light cord (if not integral to endoscope) and mat and additional non-lumened instruments.†† The flexible endoscope may contain either:
 - a. A single lumen that is ≥ 1 mm ID and ≤ 1050 mm in length
 - b. Or two lumens with:
 - One lumen that is ≥ 1 mm ID and ≤ 990 mm in length
 - And the other lumen is ≥ 1 mm ID and ≤ 850 mm in length.

††The validation studies were conducted with a flexible endoscope in a tray with silicone mat and light cord (if not integral to endoscope). Also included in the load were an additional instrument tray and one pouch for a total weight of 24 lb (11 kg).

The Selections Checked Below Apply To This Equipment

UNIT POWER SUPPLY

- 200-230 Vac, 3-phase, 50/60 Hz, 16 Amp
- 380-415 Vac, 3-phase, 50/60 Hz, 10 Amp

MOUNTING

- Single Door, Cabinet
- Single Door, Recessed
- Double Door, Cabinet

REMOTE MONITORING

- ProConnect® Technical Support Services (Remote Monitoring, Priority Technical Support, Customer Care Center Access, Equipment Performance Reports). Available in U.S. and Canada only.

LABELS AND MANUALS

- English
- French
- Spanish
- German
- Italian
- Finnish
- Danish
- Portuguese
- Polish
- Hungarian

OPTIONS

- IQ/OQ/PQ Protocol (10252555)
- Seismic Tie-Down Kit (P146669-354)*

* Conforms to the California Code of Regulations.

Item _____

Location(s) _____

The **Lumen Cycle** can Sterilize^{††} medical devices (including single, dual and triple channeled rigid and semi-rigid endoscopes) with the following configurations:

- Single channeled devices with a stainless lumen that is ≥ 0.77 mm ID and ≤ 500 mm in length
- Dual channeled devices with stainless lumens that are ≥ 0.77 mm ID and ≤ 527 mm in length
- Triple channeled devices with stainless lumens that are either:
 - » ≥ 1.2 mm ID and ≤ 275 mm in length
 - » ≥ 1.8 mm ID and ≤ 310 mm in length
 - » ≥ 2.8 mm ID and ≤ 317 mm in length

^{††} Validation testing for all lumen sizes was conducted using a maximum of 20 lumens per load. Hospital loads should not exceed the maximum number of lumens validated by this testing. Validation studies were performed using a validation load consisting of two instrument trays and two pouches for a total weight of 19.65 lb (8.9 kg).

DESCRIPTION

The V-PRO maX 2 Low Temperature Sterilization System is specifically designed to only process goods using vaporized hydrogen peroxide under vacuum conditions. The process is fully automated, is compatible with a broad range of materials and has rapid Sterilization Cycle times. There are no toxic by-products created by the Sterilization Cycle – only water vapor and oxygen are produced.

The V-PRO maX 2 Low Temperature Sterilization System is NOT intended to process liquids, linens, powders or cellulose materials.

The system utilizes specially designed, disposable, multi-use Cartridges/Cups (available separately) containing VAPROX[®] HC Sterilant and is available in both single and double door configurations.

Articles to be sterilized are placed on a racking system within the aluminum chamber. An automated control enables the cycle to be started and monitored by the operator. The touch screen is user friendly and easy to operate.

System installation requires no plumbing, ventilation or air supply – only a dedicated electrical connection is needed. A power cord is supplied for this connection.

STANDARDS

This V-PRO maX 2 Low Temperature Sterilization System meets the applicable requirements of the following standards, **as certified by INTERTEK Testing Services:**

- Underwriters Laboratories (UL) Standard UL 61010-1 Second Edition
- Canadian Standards Association (CSA) CAN/CSA 22.2 No. 61010-1 Second Edition

Governing Directive for the affixing of the CE mark:

- Medical Device Directive (MDD) 2007/47/EC

Standards applied to demonstrate conformity to the directives:

- EN 61010-1 • EN 301489-1, -3 • EN 14937
- IEC 61010-2-040

Each sterilization system is designed, fabricated, assembled and tested in accordance with all applicable sections of UL and CSA.

SIZE (W X H X L)

Overall Dimensions:

- Cabinet (DD): 33 x 72 x 40-15/16" (838 x 1829 x 1040 mm)
- Recessed/Cabinet (SD): 33 x 72 x 38-5/16" (838 x 1829 x 973 mm)

Chamber Size:

- 17 x 15 x 32-1/2" (432 x 381 x 826 mm)

Chamber Volume:

- 4.8 cubic feet (136 L)

FEATURES

Chamber and door assembly are aluminum and door is equipped with a silicone rubber gasket.

Insulation fitted on the chamber wall exterior, door and welded backhead is 1" (25 mm) thick (nominal). Insulation is held in place with hook-and-loop closures.

Insulation is constructed of asbestos- and chloride-free, oil and water resistant (silicone impregnated) fiberglass.

Automatic door locking mechanism keeps the sterilization system door locked during the entire Sterilization Cycle. After cycle completion, air pressure is used to unlock the door. The sterilizer door cannot be opened if either electrical power or air pressure is lost during sterilizer operation. When sterilization system is in Standby mode, there are no door opening restrictions.

Foot Pedal enables user to hands-free open sterilization system door. The foot pedal is a simple, worry free system that pops the door open approximately 6-12" (152-305 mm) whenever the operator's hands are full.

Chamber heating is achieved through electric strip heaters attached to the chamber sides, bottom wall, door and backhead. Operating temperature is approximately 122°F (50°C).

Sterilant cartridge interface only accepts VAPROX HC Sterilant Cartridges (Cups). The system control automatically tracks the amount of VAPROX HC Sterilant used and the Sterilant expiration date. The control prompts the user on the control display when a new Cup is needed.

The proprietary Cup is equipped with a RFID chip to ensure the correct Cup is used in the sterilization unit and that the Cup contents are not expired; no Cup code (or other information) needs to be entered by the user.

There are two Cup options available:

Cup	Standard Cycles	Fast Cycle
Ground Ship (PB011)	15	30
Air Ship (PB012)	4	8

Once Cup is punctured by the Sterilization System, it has a 14-day "in Unit" shelf life. After use, empty Cups may be disposed in regular waste.

Catalytic converter receives outflow from chamber during all cycle phases. Catalytic converter converts hydrogen peroxide into water vapor and oxygen.

Other Components:

The following are furnished to obtain a complete working unit, ready for (but not including) connection to the facility service lines:

- **Resistance Temperature Detectors (RTDs)** are installed for sensing and displaying temperature control of vaporizer and chamber. Signals from all system RTDs, converted into electrical impulses, provide accurate control inputs and readouts throughout the entire cycle.
- **Pressure Transducers** are installed for sensing and displaying chamber pressure control. Signals from all system pressure transducers, converted into electrical impulses, provide accurate control inputs and readouts throughout the entire cycle.
- **Pneumatic and Solenoid Valves and Switches** are used in the sterilization system design to simplify piping and increase serviceability.
- **Air Supply and Vacuum Filters** are supplied to ensure air entering chamber is High Efficiency Particulate Air (HEPA) filtered (prevent chamber recontamination) and air exhausted from vacuum pump is free of entrapped oil and odor.
- **Sterilization System Panels** are constructed of plastic and stainless steel.
- **Sterilization System Frame** and support system is constructed of welded carbon steel with protective paint.
- **High Power Vacuum Pump** is supplied to produce cycle vacuum pulses that remove air and moisture from the chamber. The direct drive rotary vane pump is quiet (<60 dB) with low vibration. A powerful 3 HP (2.2 kW) motor produces a displacement of 53 CFM (90 m³/hr) and helps alleviate moisture sensitivity in the sterilization unit. The Sterilizer operating pressure is from atmospheric pressure down to less than 1 Torr.

Connectivity to instrument tracking systems is available.

ProConnect® Technical Support Services maximizes operational efficiencies with secure, Internet-based, real-time equipment monitoring. Data from Customer equipment is used by STERIS to provide pro-active Customer alert notifications, technical support and predictive maintenance. Online parts ordering, equipment performance dashboards, and online service scheduling at steris.com is also available. (ProConnect Technical Support Services is available in U.S. and Canada only.) Refer to Tech Data sheet *SD983, PROCONNECT TECHNICAL SUPPORT SERVICES*, for details.

CONTROL DESCRIPTION

The V-PRO maX 2 Low Temperature Sterilization System is equipped with a proprietary control system and a thermal printer.

- **Control Display Panel** is located on the front of the sterilization unit in the center while facing the unit. This color touch panel provides user information and allows user inputs. The display is a 640 x 480 pixel resolution,

10.4" screen. Use of this panel and associated screens is normally self-explanatory. The screens are color coded to indicate cycle status.

- **Cycle Selection** is simplified with icons of example devices and a cycle confirmation question to ensure correct cycle is selected.

NOTE: This Sterilization System permits no manual control of the Sterilization Cycles.

- **Control Screens:**

The Ready, Status, Standby and Cup Empty screens include a cup level indicator in the lower right corner. For standard cycles, each bar represents approximately four cycles remaining (e.g., four bars means cup contains enough sterilant for 13-16 cycles).

Control system also displays questions and reminders to aid the operator in using the system correctly and safely.

- **Printer** is located on the front of the sterilization unit on the right side while facing the unit. This alphanumeric impact printer provides an easy to read permanent record of the Sterilization Cycle. Printer provides a 2-1/4" (5.7 mm), 24-character wide cycle tape and paper take-up.

CYCLE DESCRIPTION

The V-PRO maX 2 Low Temperature Sterilization System is equipped with four pre-programmed Sterilization Cycles: Non Lumen Cycle (approximately 28 minutes), Fast Non Lumen Cycle (approximately 16 minutes), Flexible Cycle (approximately 35 minutes) and Lumen Cycle (approximately 52 minutes). Each Sterilization Cycle proceeds through three phases: CONDITION, STERILIZE and AERATION.

- **CONDITION** – This cycle phase includes a vacuum pulled to a setpoint to remove air and water, followed by a moisture check. If load fails moisture check, unit control orders a conditioning phase (continuous vacuum to aid in moisture removal) followed by a second moisture check. If required, unit control performs a second drying and moisture check.

NOTE: If Condition phase fails the second moisture check, the cycle Aborts.

- **STERILIZE** – This cycle phase is a series of four pulses for standard cycles and two pulses for Fast Non Lumen Cycle. Each pulse consists of: vacuum pulled to setpoint; VAPROX HC Sterilant vapor drawn into chamber; hold for programmed time; filtered air is introduced to setpoint; hold for programmed time; deep vacuum pulled to setpoint.
- **AERATION** – This cycle phase pulls a vacuum to setpoint and continues to evacuate for programmed time to reduce chamber vapor concentration. Once Aeration phase is complete, chamber pressure returns to atmospheric and chamber door is unlocked.

PREVENTIVE MAINTENANCE

Customers are encouraged to contact STERIS concerning annual maintenance programs. Preventive maintenance, adjustments and replacement of worn parts are provided on a scheduled basis to help ensure optimal equipment performance and help minimize untimely and costly interruptions. STERIS maintains a worldwide staff of well-equipped, factory-trained technicians to provide these services, as well as on-site installation, training, and expert repair services. Contact STERIS for details.

Some of the V-PRO maX 2 Low Temperature Sterilization System preventive maintenance is usage-based. Vacuum pump preventive maintenance is due every 1000 cycles or six months. An oil can (yellow) appears on the screen when it is almost due for maintenance. Can changes to red when maintenance is required.

NOTES

1. Refer to equipment drawing showing all utility and space requirements for actual installation specifications. Clearances shown are minimum required for servicing equipment. Floor surface must be hard and level.
2. Sterilization system can be installed recessed or with a cabinet package. Each sterilizer is equipped with height adjusting leveling screws. Locking casters are available for installations with limited service clearance. The supplied power cord is 6' (2 m); ensure sterilizer is installed within 6' (2 m) of facility outlet. This sterilizer needs a NEMA LI5-20R electrical receptacle, minimum circuit breaker 20 Amp (North America); 12 Amp (Outside North America).
3. STERIS recommends maintaining and operating sterilization system in area where temperature does not exceed 86°F (30°C). Per ANSI/AAMI ST58:2013 or subsequent, the Sterilizer shall be installed and operated in an area with a ventilation system capable of at least 10 air exchanges per hour.
4. STERIS recommends a dedicated, grounded electrical circuit be provided for each unit. Use of an extension cord is not recommended.
5. Consult SDS regarding storage and handling of VAPROX HC Sterilant Cartridges (Cups).
6. Unit weight – Single Door 780 lb (354 kg) recessed and 920 lb (417 kg) cabinet; Double Door 910 lb (413 kg) recessed.
7. Heat loss at 70°F (21°C) – Peak = 1500 BTU/hr; Avg. = 1400 BTU/hr.
8. Requirements for Proconnect Services, refer to Tech Data sheet *SD983, PROCONNECT TECHNICAL SUPPORT SERVICES*,
9. Electrical Consumption, per cycle = 2.3 kW-hr average; out of cycle = 0.7 kW-hr average.
10. STERIS assumes no responsibility for changes to the V-PRO maX 2 Low Temperature Sterilization System made necessary through failure to observe the supplied necessary specifications (e.g., incorrect facility power supply). Specifications are subject to change without notice.
11. Shelf Clearance: Top 6-15/16" (176 mm); Bottom 7-1/16" (179 mm).
12. For Utilities, refer to Equipment Drawings 10091243 (Single Door, Cabinet), 10091523 (Single Door, Recessed) and 10091525 (Double Door, Cabinet).

For Further Information, contact:

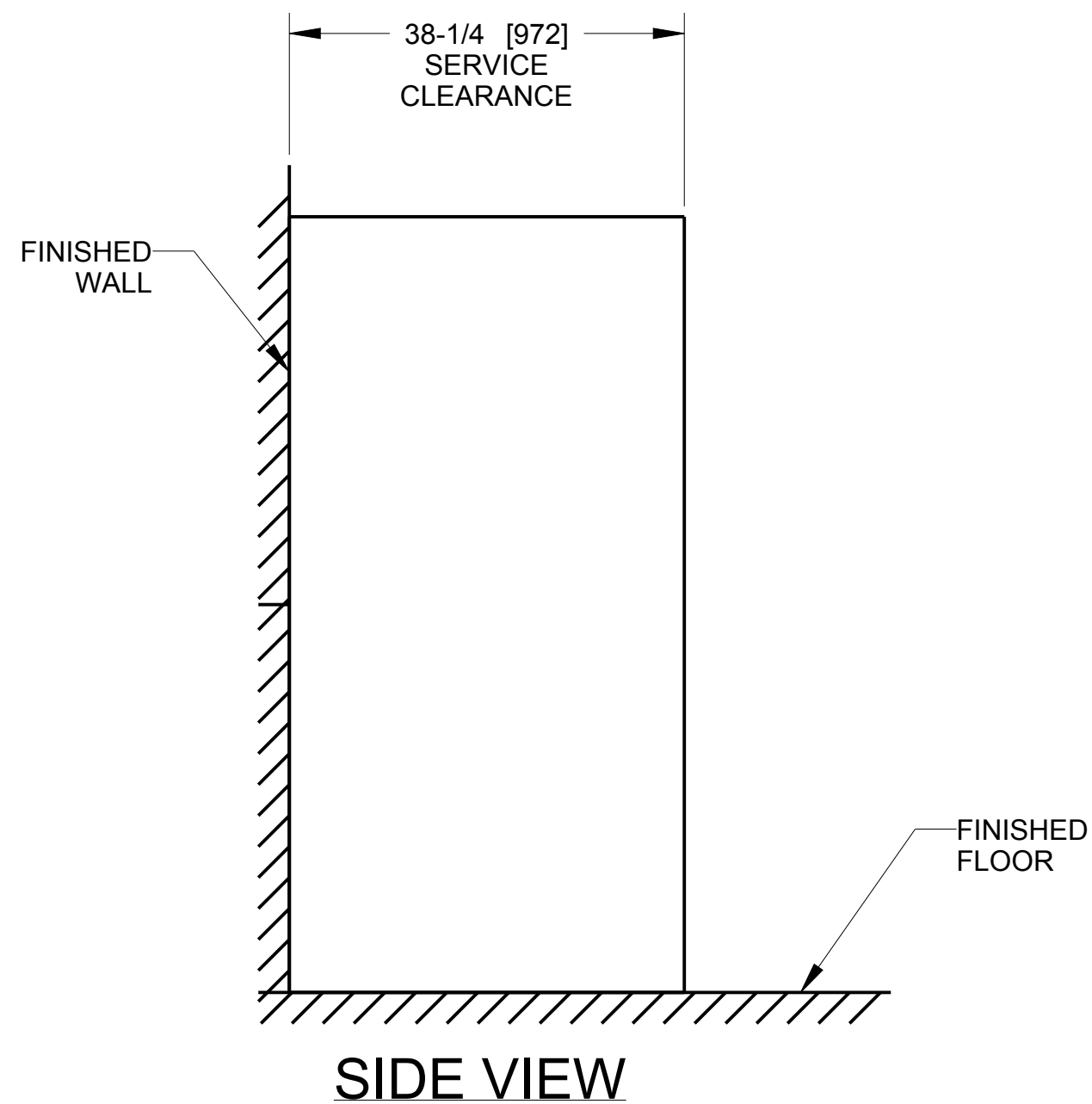
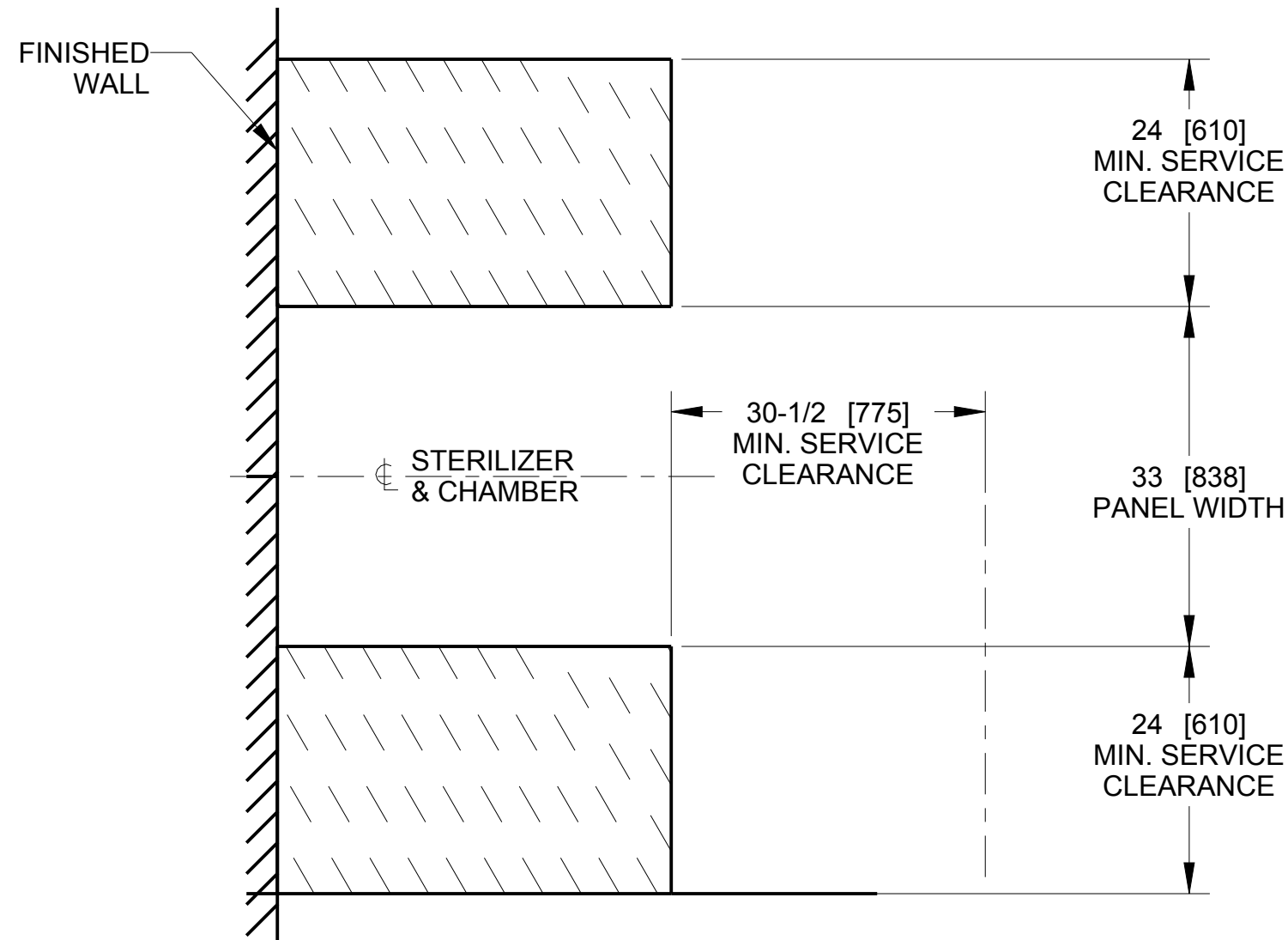


STERIS Corporation
5960 Heisley Road
Mentor, OH 44060-1834 • USA
440-354-2600 • 800-548-4873
www.steris.com

**CUSTOMER IS RESPONSIBLE FOR COMPLIANCE
WITH APPLICABLE LOCAL AND NATIONAL CODES
AND REGULATIONS.**

This document is intended for the exclusive use of STERIS Customers, including architects or designers. Reproduction in whole or in part by any party other than a Customer is prohibited.

PLAN VIEW



INSTALLATION SPECIFICATIONS:

THE INSTALLATION OF THE AMSCO V-PRO MAX 2 LOW TEMPERATURE STERILIZATION SYSTEMS MUST MEET ALL FEDERAL, STATE AND LOCAL REGULATIONS (NEC IN U.S., IEC IN EU, AND CEC IN CANADA).

INSTALLATION SPECIFICATION IS LISTED AS ENGINEERING AND INSTALLATION GUIDES. REFERENCED COMPONENTS AND SERVICE CONNECTIONS ARE NOT FURNISHED AS PART OF EQUIPMENT UNLESS UNDER WRITTEN AGREEMENT WITH STERIS.

1. PER ANSI/AAMI ST58:2013 OR SUBSEQUENT, THE STERILIZER SHALL BE INSTALLED AND OPERATED IN AN AREA WITH A VENTILATION SYSTEM CAPABLE OF AT LEAST 10 AIR EXCHANGES PER HOUR.
2. STERILIZER MUST BE INSTALLED AND OPERATED IN AN AREA WHERE THE TEMPERATURE IS BETWEEN 59° F AND 86° F (15° C AND 30° C), AND THE RELATIVE HUMIDITY RANGE IS BETWEEN 20% AND 65%.
3. UNIT SHOULD NOT BE INSTALLED IN AN AREA WHICH IS NOT COMPATIBLE WITH OXIDIZERS. CONSULT THE MSDS FOR ANY CHEMICALS THAT MAY BE PRESENT IN ADDITION TO THE MSDS FOR THE HYDROGEN PEROXIDE STERILANT.

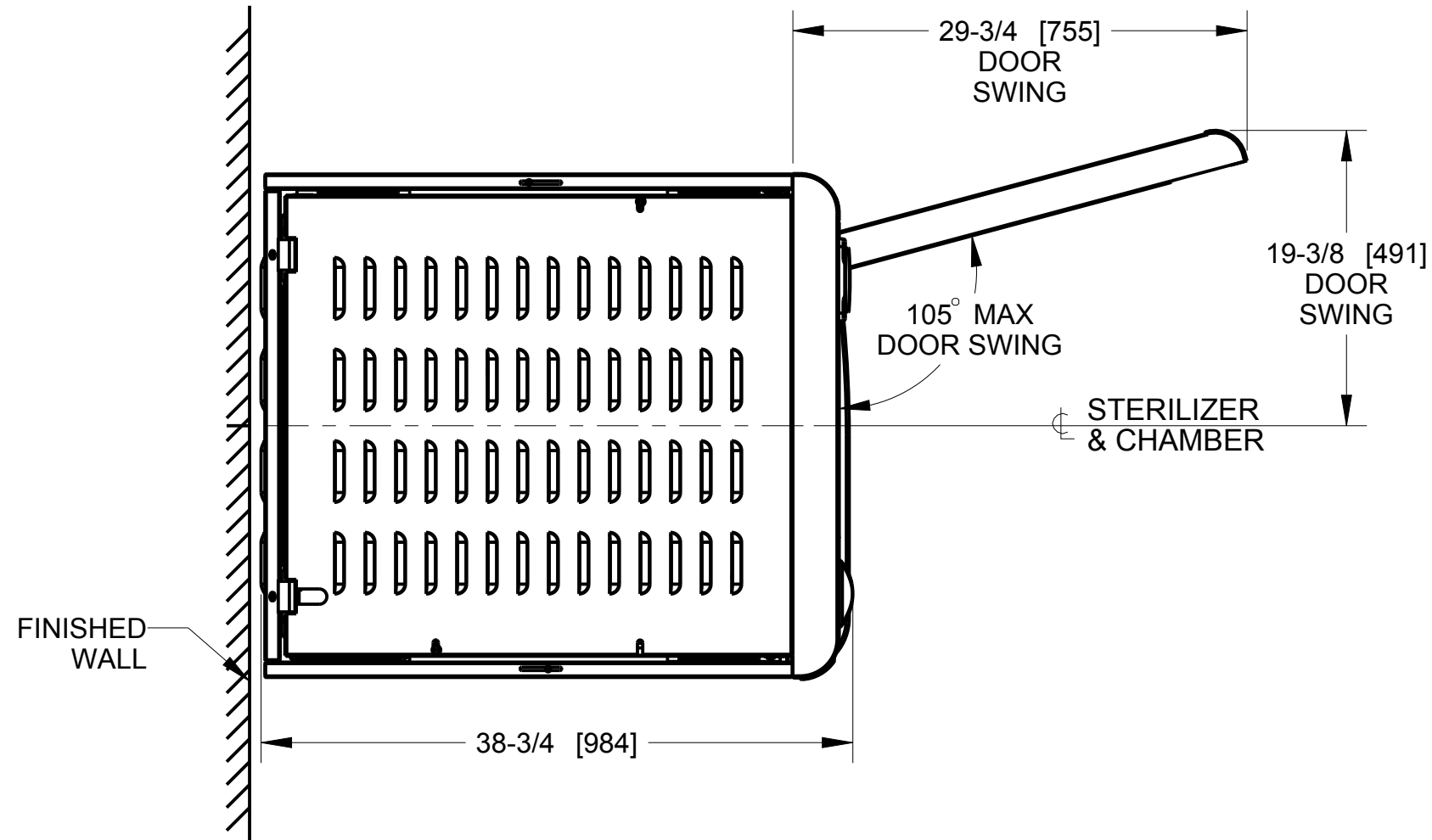
NOTES:

1. UNIT WIDTH IS 33". DOOR OPENINGS IN FACILITY MUST BE 36" WIDE OR LARGER TO ACCOMODATE STERILIZER.
2. FLOOR SPACE IN LOADING/UNLOADING AREAS OF EQUIPMENT TO BE LEVEL WITHIN 1/16". FOR INSTANCES OF MULTIPLE INSTALLATIONS THIS TOLERANCE SHOULD BE HELD FOR THE ENTIRE SPAN OF INSTALLED EQUIPMENT.
3. ALL DIMENSIONS IN INCHES AND [MM].
4. THIS SERVICE CLEARANCE MUST BE MAINTAINED TO ALLOW ACCESS TO STERILIZER FOR SERVICEABILITY.
5. STERIS ASSUMES NO RESPONSIBILITY FOR CHANGES MADE NECESSARY THROUGH FAILURE TO OBSERVE THE SPECIFICATIONS ON EQUIPMENT DRAWING AND NOTE PAGES. SPECIFICATIONS AND DESCRIPTIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

SERVICE CLEARANCE

	TITLE AMSCO V-PRO MAX 2 SD CAB. EQUIPMENT DRAWING	STATE	
		In Work	
SIZE: C	SCALE: 1/1	DRAWN BY: Laura DePol	DRAWING NUMBER: 10251899 C.2
		PART NUMBER: 10091243	REVISION: C
This document contains confidential and proprietary information of STERIS Corporation. Neither this document nor the information herein are to be reproduced, either in part or in whole, except as specifically authorized by STERIS Corporation.			SHEET 1 OF 3

PLAN VIEW



38-3/4 [984]

29-3/4 [755]
DOOR SWING

105° MAX
DOOR SWING

19-3/8 [491]
DOOR SWING

STERILIZER
& CHAMBER

FINISHED
WALL

39-1/2 [1003]

CHAMBER SIZE
IN. (mm)

17 X 15 X 32 1/2
(432 X 381 X 826)

MAX. OUTSIDE DIM. OF STERILIZER

33 X 38 5/16 X 72
(838 X 973 X 1829)

FINISHED
WALL

CHAMBER

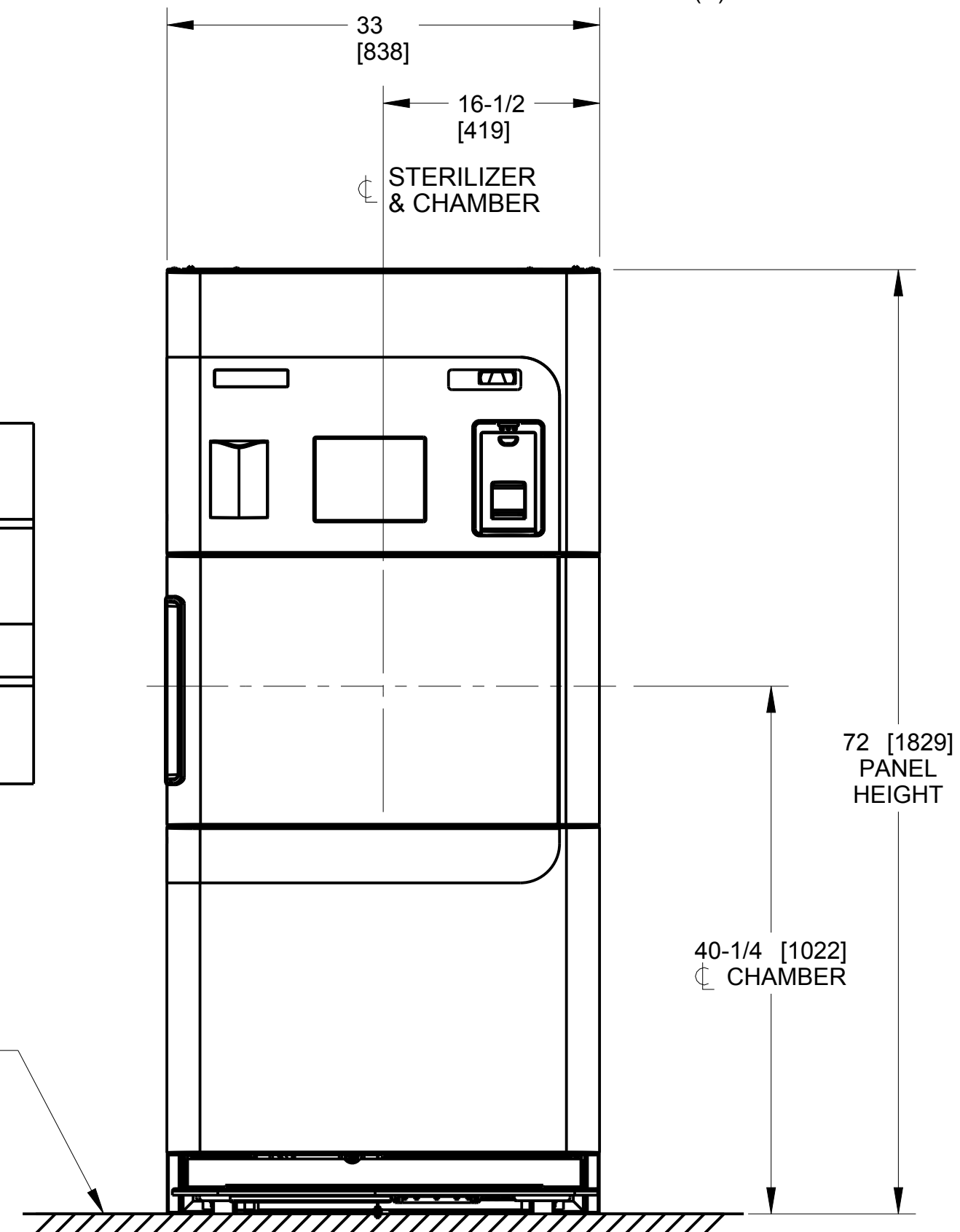
FINISHED
FLOOR

FINISHED
FLOOR

SIDE VIEW

GENERAL NOTES:

1. APPROX. SHIPPING WEIGHT IS 1020 LBS. (463 KG.)
MAX. OPERATING WEIGHT IS 920 LBS. (417 KG.)
2. LEVELING FEET ARE PROVIDED FOR PROPER INSTALLATION.
3. ALL DIMENSIONS IN INCHES AND [MM].
4. HEAT LOSS BTU/HR AT 70° F (21° C).
PEAK = 1500 BTU/HR
AVG = 1400 BTU/HR
5. A-WEIGHTED SOUND POWER LEVEL:
NORMAL OPERATION: 72.90 dB(A) WITH 14.24 dB IMPULSIVE NOISE LEVEL
ALARM CONDITION: 83.61 dB(A) WITH 1 dB IMPULSIVE NOISE LEVEL



33 [838]

16-1/2 [419]

STERILIZER
& CHAMBER

72 [1829]
PANEL
HEIGHT

40-1/4 [1022]
CHAMBER

FRONT VIEW

STERILIZER INSTALLATION

	TITLE C	SCALE: 1/1	DRAWN BY: Laura DePol	DRAWING NUMBER: 10251899 C.2	PART NUMBER: 10091243	STATE In Work
						REVISION: C
This document contains confidential and proprietary information of STERIS Corporation. Neither this document nor the information herein are to be reproduced, either in part or in whole, except as specifically authorized by STERIS Corporation.						SHEET 2 OF 3

AMSCO V-PRO MAX 2
SD CAB. EQUIPMENT DRAWING

INSTALLATION SPECIFICATIONS:

THE INSTALLATION OF AMSCO V-PRO MAX 2 LOW TEMPERATURE STERILIZATION SYSTEMS MUST MEET ALL FEDERAL, STATE AND LOCAL REGULATIONS (NEC IN U.S., IEC IN EU AND CEC IN CANADA).

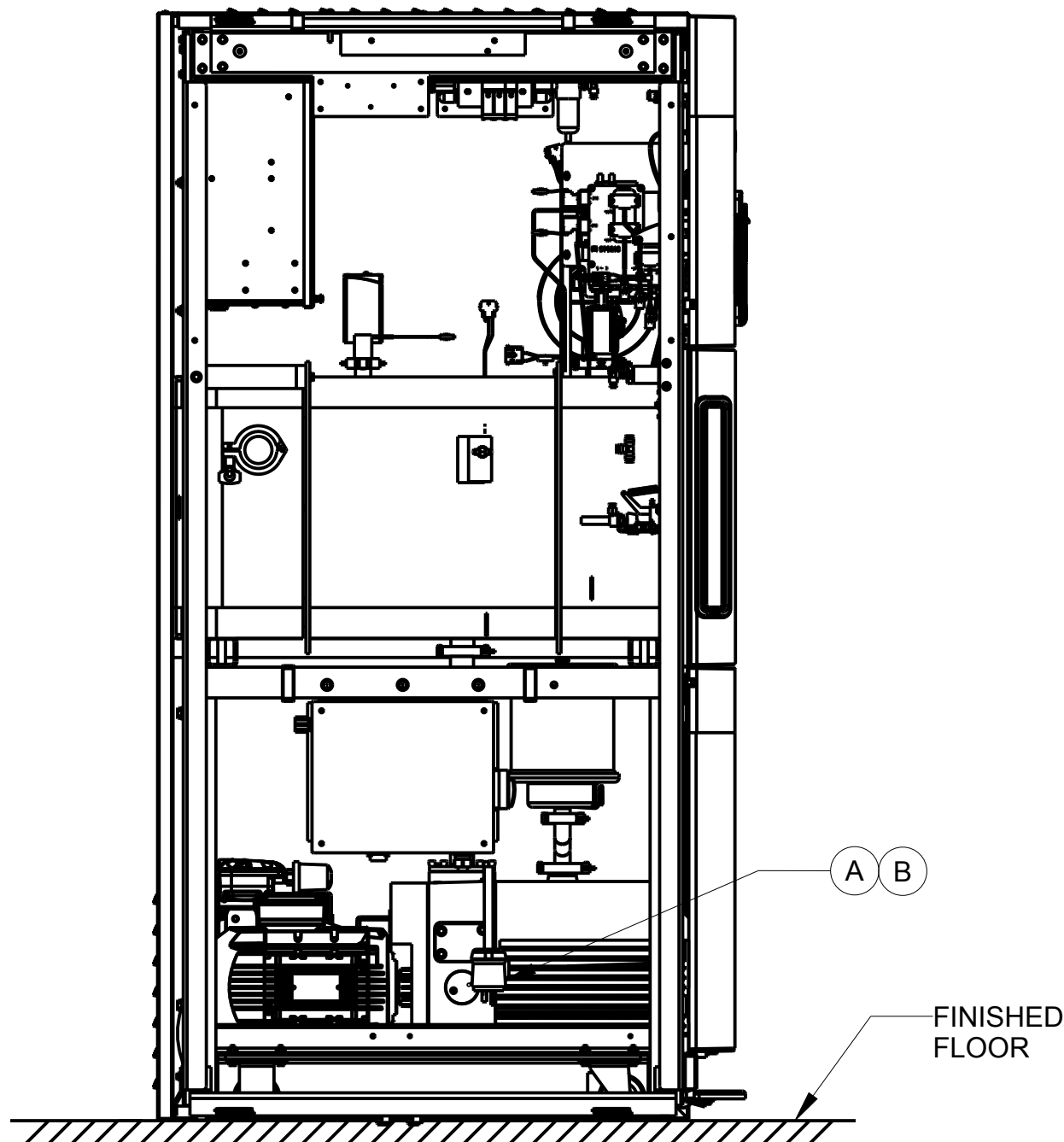
1. PROVIDE GROUPED OR GANGED CIRCUIT PROTECTION AND DISCONNECT FOR (3) PHASE POWER (A) AS REQUIRED BY NEC AND LOCAL CODES. INDIVIDUAL POWER SHUTOFFS RECOMMENDED NEAR EACH MACHINE FOR SERVICING.
2. PROVIDE GROUNDED METAL CONDUIT AND WIRING BETWEEN EQUIPMENT TERMINALS AND STUB OUTS OR DISCONNECTS. 14 AWG MINIMUM SIZE RECOMMENDED.

OPERATING REQUIREMENTS:

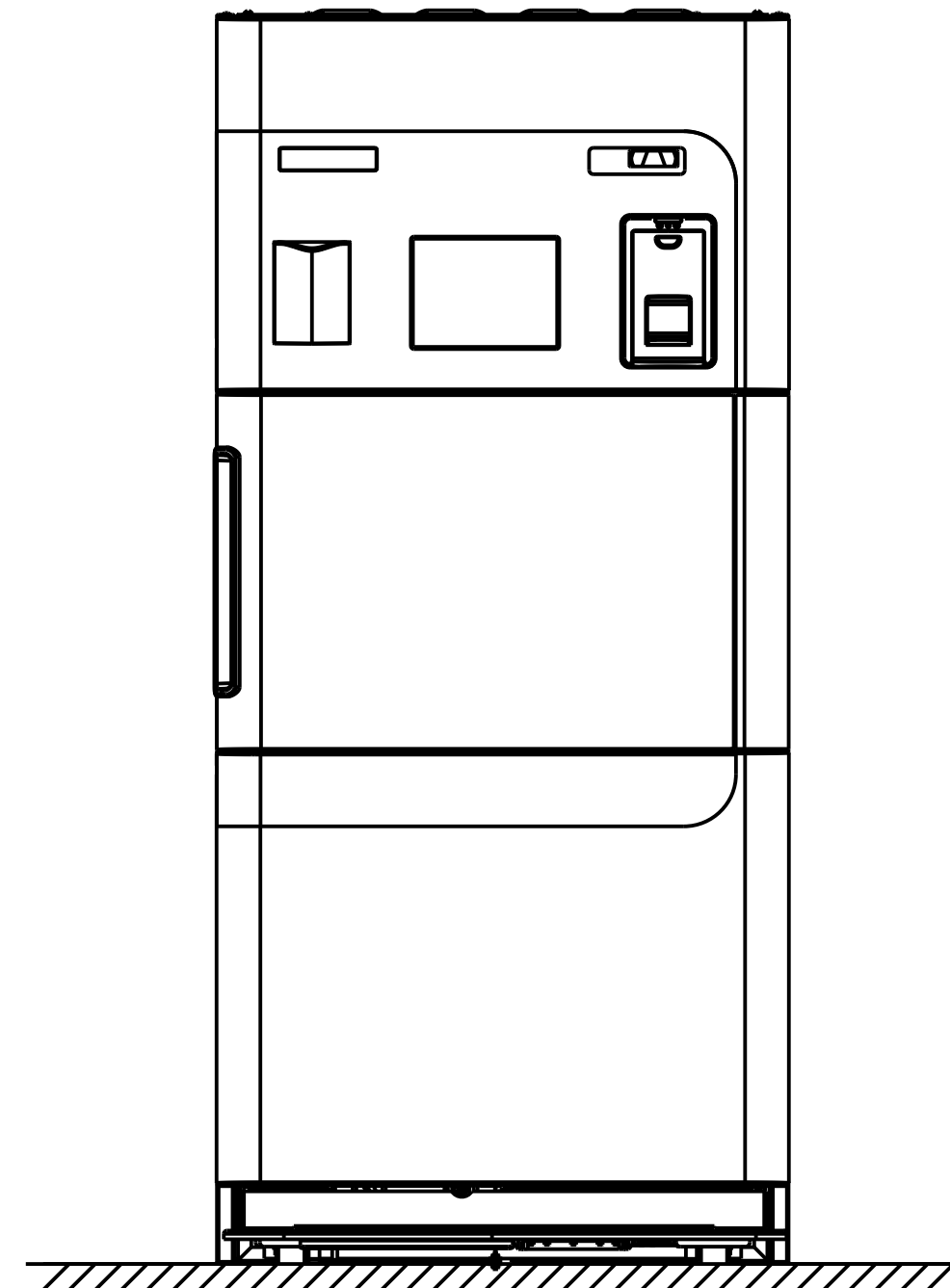
- (A) CUSTOMER (3) PHASE POWER.
 DOMESTIC 200-230V, 50/60HZ, 16A, (3) PHASE.
 MINIMUM 20A CIRCUIT BREAKER RECOMMENDED.
 USE NEMA L15-20R TO PLUG UNIT INTO.
- INTERNATIONAL: 380-415V, 50/60HZ, 10A (3) PHASE.
 MINIMUM 12A CIRCUIT BREAKER RECOMMENDED.
 USE NEMA L22-20R TO PLUG UNIT INTO.
- (B) 10FT. POWER CORD IS INCLUDED

GENERAL NOTES:

1. ELECTRICAL CONSUMPTION:
 AVG = 2.3kW-HR PER CYCLE
 AVG = .7kW-HR OUT OF CYCLE



SIDE VIEW



FRONT VIEW

ELECTRICAL INSTALLATION REQUIREMENTS

	TITLE AMSCO V-PRO MAX 2 SD CAB. EQUIPMENT DRAWING	STATE	
		In Work	
SIZE: C	SCALE: 1/1	DRAWN BY: Laura DePol	DRAWING NUMBER: 10251899 C.2
		PART NUMBER: 10091243	REVISION: C
This document contains confidential and proprietary information of STERIS Corporation. Neither this document nor the information herein are to be reproduced, either in part or in whole, except as specifically authorized by STERIS Corporation.			SHEET 3 OF 3

Pav A Basement / Phase 2

Specification Coversheet

Atta ID: 4682-059



Description: Washer/Disinfector, Endoscope

Manufacturer: STERIS Corporation - Healthcare ((440) 354-2600)

Vendor: STERIS Corporation - Healthcare ((440) 354-2600)

Model: ADVANTAGE PLUS Pass-Thru AER w/o Air Compressor

Alt ID:

Mfr #: ADVPT-3008

Vendor #: ADVPT-3008

CAD ID: WSR0325

Item ID:

Endoscope washer and disinfector system with pass-thru. Features: Hands-free operation. Two independent reprocessing basins with 22 minute cycles. Able to process 44 endoscopes in 8 hours. 27 oz reservoir capacity for alcohol and detergent. Automatic alcohol flush. ENDORA Endoscope Tracking System for active monitoring and process verification. Continuous leak testing during cycle. Remote diagnostics. Barcode scanner for data entry (e.g., endoscope, operator, patient and physician IDs) to facilitate cycle management and endoscope traceability. Requires facility supplier air connection.

General Product Detail

Arch Sig: Yes	Spatially Sig: Yes
Arch Code: 1-Fixed	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/C	Type: Medical
	Green: No

Electrical Requirements

Volts: 120	Watts: 1200
Hz: 60	Amps: 10
Phase: Single	BTU/hr: 2400
KVA:	Ded. Circuit: No
Emer. Power: No	Plug Type: Type B (NEMA 5-15)

Physical Requirements

Width: 51.81 in (1316 mm)	Left: N/A
Depth: 31.18 in (792 mm)	Right: N/A
Height: 78.74 in (2000 mm)	Front: N/A
Max Weight: 882 lbs (400.1 kg)	Back: N/A
Mounting: Floor	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: Yes
Water - Hot: No	Drain: Yes
Water - Treated: Yes	Steam: No
Vent: Yes	Vacuum - Dental / Medical: No / No
Tech Connect: Yes	

Product and Project Item Notes

Structural Requirements

Seismic: Yes	Pre-approval:
---------------------	----------------------

Specification:

See installation manual for site requirements.

Structural:

Electrical:

Plumbing:

Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B422	Hold Dirty	Project	Draft (New)	2	

Total: 2

ADVANTAGE PLUS™ Pass-Thru Endoscope Reprocessing System

- 1 Water shut off valve
- 2 Bypass valve for testing and warming water supply
- 3 Temp/Pressure combo gauge
- 4 Mixing valve (See Appendix D)
- 5 Pressure gauge
- 6 Pressure regulator
- 7 Shut off valve for Air supply lines
- 8 Floor Drain
- 9 Water connection
- 10 Compressed air connection
- 11 Electrical connection
- 12 Network connection
- 13 Ventilation

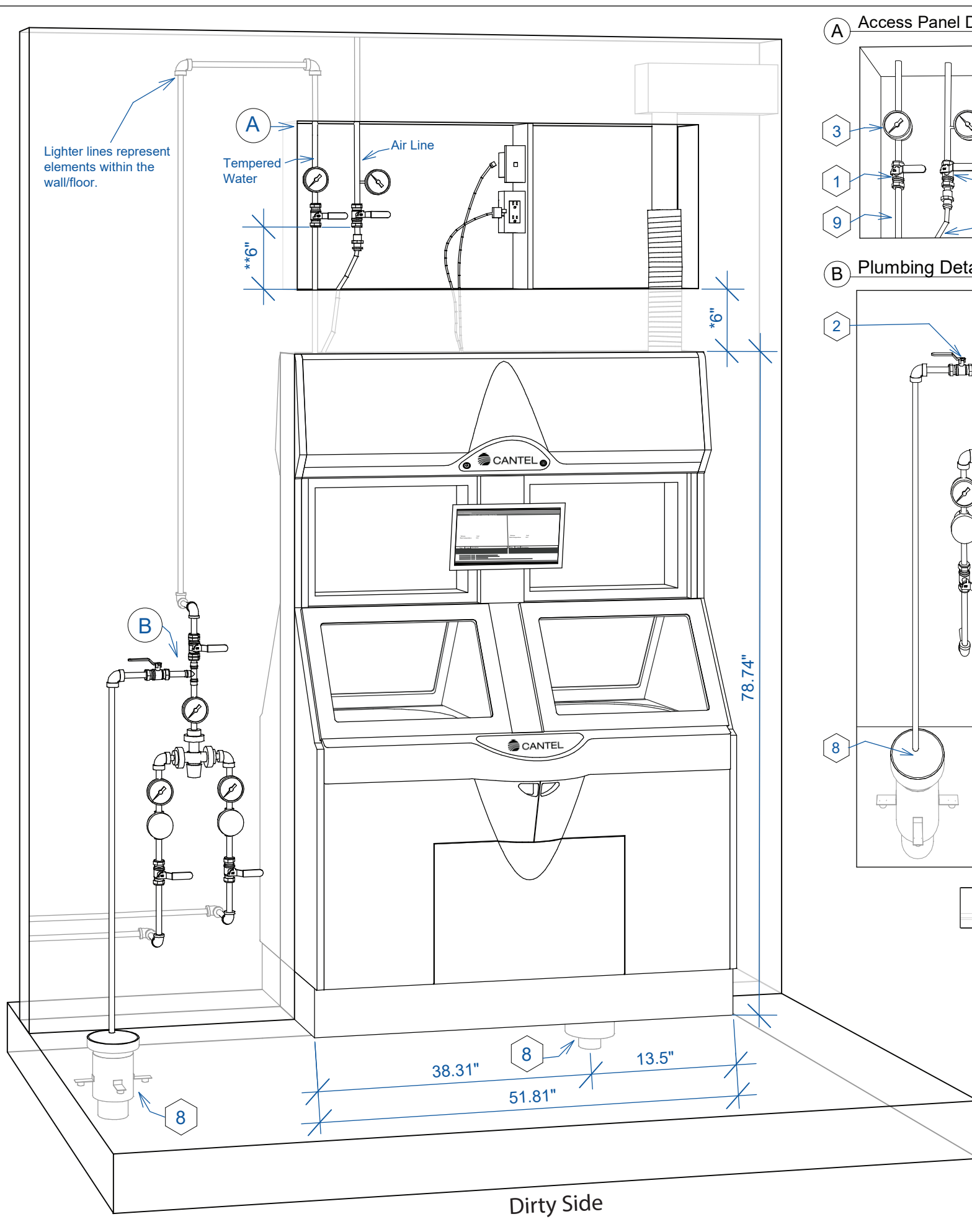
Important Callouts

*6" distance needed for trim kit.
**6" distance needed for connections.

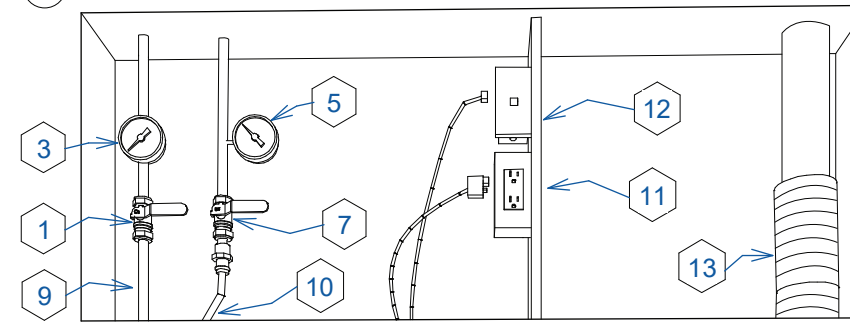
Measurements shown are machine only, for wall opening measurements refer to Site Requirements document 50098-1324.

For clarification and/or questions please contact Technical Support at 1.800.444.4729.

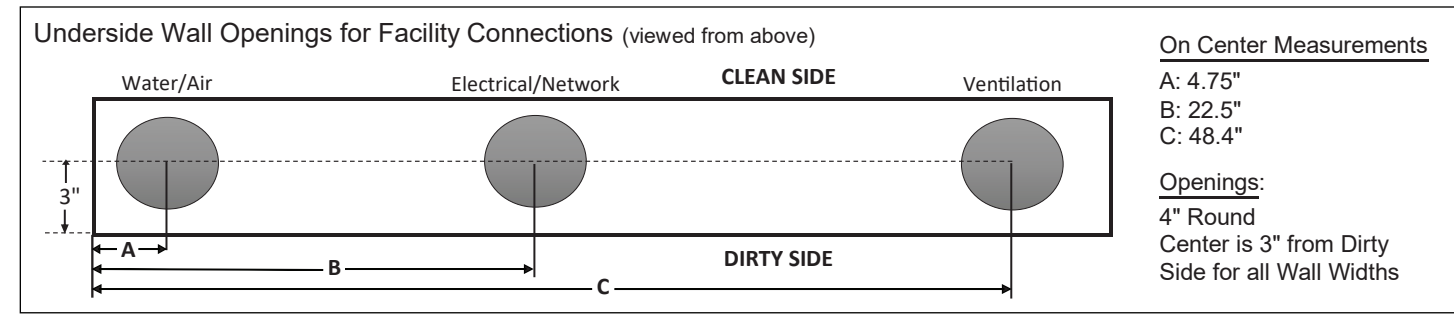
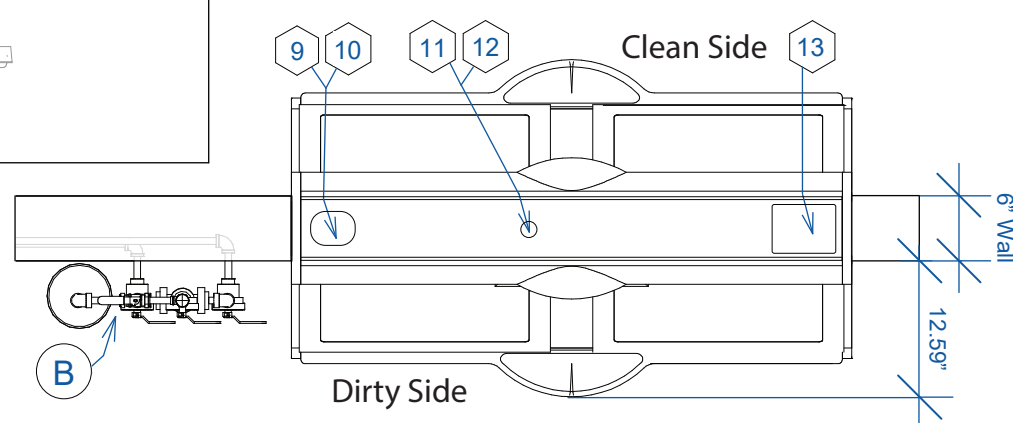
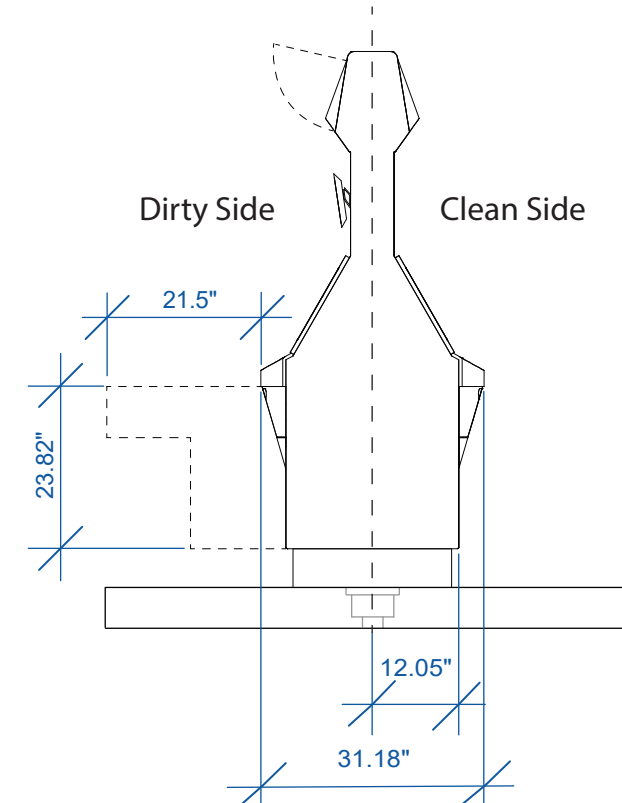
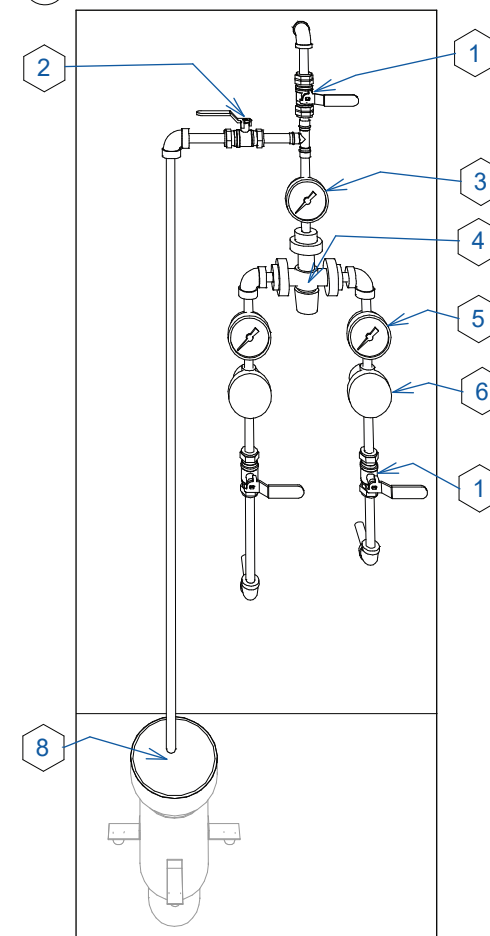
2019 Revit and CAD file available at www.endoinfectionprevention.com



A Access Panel Detail View



B Plumbing Detail View



Pav A Basement / Phase 2 Specification Coversheet



Description: Waste Can, Open Top

Manufacturer: Rubbermaid Commercial Products (800-347-9800)

Vendor: Grainger (800-472-4643)

Model: 2544 Fire Resistant Beige 40 qt

Atta ID: 4688-001

Alt ID: C137759

Mfr #: FG254400BEIG

Vendor #: 5M745

CAD ID: WST0032

Open top waste can. 40 quart capacity. Fire Resistant, rectangular, light beige fiberglass with rounded corners. CSFM and UL Approved for Fire Safety. Purchased and shipped in packs of 4 only. **Item ID:**

General Product Detail

Arch Sig: No	Spatially Sig: No
Arch Code: 3-Movable, Non-Elect	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/O	Type: Non-Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: 11.30 in (287 mm)	Left: N/A
Depth: 15.00 in (381 mm)	Right: N/A
Height: 20.00 in (508 mm)	Front: N/A
Max Weight: 6 lbs (2.7 kg)	Back: N/A
Mounting: Floor	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Structural Requirements

Seismic: No	Pre-approval:
--------------------	----------------------

Product and Project Item Notes

Specification:

Structural:

Electrical:

Plumbing:

Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B401	EMI Workroom	Project	Draft (New)	2	
Central Sterile / OR Materials		Office	Project	Draft (New)	4	
Central Sterile / OR Materials		Open Office	Project	Draft (New)	2	
Central Sterile / OR Materials	A0B505A	Shared Office	Project	Draft (New)	2	

Total: 10

Profile Containers

Attractive design suits many decors.

- Wall mounting keeps the container out of pedestrian traffic and allows for floor cleaning
- Spring-loaded swing door helps control odor and hides trash from public view
- Comes with complete hardware and instructions for wall mounting
- Factory Mutual (FM) approved for fire safety when wall mounted; ideal for hallways and other uncontrolled public areas
- Slim design limits intrusion into corridors, washrooms, kitchens, and other limited space areas



ADA COMPLIANT



FG782200



FG782200

NO.	COLOR	DESCRIPTION	U.S. DIMENSIONS	U.S. CAPACITY	U.S. SHIP WT/CTN	METRIC DIMENSIONS	METRIC CAPACITY	METRIC SHIP WT/CTN	CAN LINERS	PACK
FG782200	BRN, BEIG	Slim Jim® Wall-Mounted Container	19.5" l x 11.9" w x 32.6" h	15 gal	11.6 lb	49.5 cm x 30.2 cm x 82.9 cm	56.8 L	5.3 kg	5005-88*	1

*Not for sale in California.

Fire-Resistant Wastebaskets

Great for use in areas requiring increased levels of fire protection, such as hospitals, schools, and hotels.

- UL® Classification ensures fire safety
- Textured finish for enhanced aesthetics



CSFM

FG254400



FG254100

FG254000

FG254300

NO.	COLOR	DESCRIPTION	U.S. DIMENSIONS	U.S. CAPACITY	U.S. SHIP WT/CTN	METRIC DIMENSIONS	METRIC CAPACITY	METRIC SHIP WT/CTN	CAN LINERS	PACK
FG254000	BEIG	Fire-Resistant Wastebasket	8.9" l x 6.4" w x 10.3" h	7 qt	10.2 lb	22.6 cm x 16.2 cm x 26.2 cm	6.6 L	4.6 kg		6
FG254100	GRAY, BLA, BEIG	Fire-Resistant Wastebasket	11.1" l x 8.3" w x 12.3" h	14 qt	19.6 lb	28.3 cm x 21 cm x 31.1 cm	13.2 L	8.9 kg		6
FG254300	GRAY, BLA, BEIG	Fire-Resistant Wastebasket	14.5" l x 10.5" w x 15.3" h	28 qt	30.4 lb	36.8 cm x 26.7 cm x 38.9 cm	26.5 L	13.8 kg		6
FG254400	BEIG	Fire-Resistant Wastebasket	15.0" l x 11.3" w x 20.0" h	40 qt	29.6 lb	38.1 cm x 28.6 cm x 50.8 cm	37.9 L	13.4 kg		4

For Other Fire-Rated Containers See:



Profile Wall-Mounted



Step-On Containers



Steel Containers



Plaza® Containers



Ranger® Containers



Smoking Management Containers

When ordering products with **BOLD** color codes, please specify color code after the product number. Refer to the Standard Color Guide at the back of the catalog.

Pav A Basement / Phase 2

Specification Coversheet



Description: Waste Can, 44-55 Gallon

Manufacturer: Rubbermaid Commercial Products (800-347-9800)

Vendor: Grainger (800-472-4643)

Model: BRUTE Vented 44 Gal/Gray w/Lid and Dolly

Atta ID: 4691-039

Alt ID:

Mfr #: FG264360GRAY/FG264560GRAY/F
G264000BLA

Vendor #: 2FTH5/4W016/5W007

CAD ID: WST0723

Item ID:

BRUTE plastic waste can with lid and dolly. 44-gallon, gray. Features: Commercial-grade construction, Venting channels, Bag cinches, Reinforced base, Built-in base and rim handles, nesting. Snap-lock lid with self-draining channels, ridges for stacking. NSF 2 and 21 Compliant. BRUTE dolly with 250 lb load rating, 5 non-marking casters, twist-lock design, black structural foam construction.

General Product Detail

Arch Sig: No	Spatially Sig: No
Arch Code: 3-Movable, Non-Elect	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/O	Type: Non-Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: 27.50 in (699 mm)	Left: N/A
Depth: 27.50 in (699 mm)	Right: N/A
Height: 40.10 in (1019 mm)	Front: N/A
Max Weight: 22 lbs (9.9 kg)	Back: N/A
Mounting: Floor-Mobile	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Structural Requirements

Seismic: No	Pre-approval:
--------------------	----------------------

Product and Project Item Notes

Specification:

Structural:

Electrical:

Plumbing:

Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B425	Drop/Doffing	Project	Draft (New)	1	
Total:					1	

BRUTE® Utility Containers

Innovative venting channels make lifting out liners up to 50% easier, improving productivity and reducing the risk of injury.

- Integrated cinches secure the liner, allowing for efficient, knot-free liner changes. Tested to 20,000 cycles
- Proprietary design constructed with the highest quality material plus a UV inhibitor ensures long life in even the most extreme commercial environments. Guaranteed to never fade, warp, crack, or crush
- Rounded handles make lifting and moving easier, and are reinforced to resist tearing or damage from even the heaviest loads
- Reinforced base is specifically engineered to be dragged over rough surfaces, extending life and overall durability even in the toughest environments
- Rim features integrated rib structure to increase strength and resist crushing



EXECUTIVE SERIES™
1867531

Available in a wide range of colors and sizes to complement recycling initiatives and all other collection and sortation needs.

Waste Stream Label Kit

Waste Stream Label Kit Version A* (1977785) and Version C* () contain ten intuitive waste stream decals, ensuring waste sortation accuracy.



Vented BRUTE® Containers

NO.	COLOR	DESCRIPTION	U.S. DIMENSIONS	U.S. CAPACITY	U.S. SHIP WT/CTN	METRIC DIMENSIONS	METRIC CAPACITY	METRIC SHIP WT/CTN	CAN LINERS	PACK
FG261000	GRAY, WHT, RED, YEL, DGRN	BRUTE® Container without Lid	15.6" dia x 17.3" h	10 gal	18.5 lb	39.7 cm dia x 43.0 cm	37.9 L	8.4 kg	5003-88	6
1779699	BLUE	BRUTE® Container without Lid	15.6" dia x 17.3" h	10 gal	18.5 lb	39.7 cm dia x 43.0 cm	37.9 L	8.4 kg	5003-88	6
1926827	BLACK	BRUTE® Container without Lid	15.6" dia x 17.3" h	10 gal	18.5 lb	39.7 cm dia x 43.0 cm	37.9 L	8.4 kg	5003-88	6
FG262000	GRAY, WHT, BLUE, RED, YEL, DGRN	BRUTE® Container without Lid	19.5" dia x 22.9" h	20 gal	35.0 lb	49.5 cm dia x 58.1 cm	75.7 L	15.9 kg	5006-88	6
1779734	BLACK	Executive BRUTE® Container without Lid	19.5" dia x 22.9" h	20 gal	35.0 lb	49.5 cm dia x 58.1 cm	75.7 L	15.9 kg	5006-88	6
FG263200	GRAY, WHT, BLUE, RED, YEL, DGRN	BRUTE® Container without Lid	22.0" dia x 27.3" h	32 gal	47.0 lb	55.9 cm dia x 69.2 cm	121.1 L	21.3 kg	5007-88	6
1867531	BLACK	Executive BRUTE® Container without Lid	22.0" dia x 27.3" h	32 gal	47.0 lb	55.9 cm dia x 69.2 cm	121.1 L	21.3 kg	5007-88	6
FG264360	GRAY, BLUE, RED, YEL, BLA	BRUTE® Container without Lid	24.0" dia x 31.5" h	44 gal	49.5 lb	61.0 cm dia x 80.0 cm	166.6 L	22.4 kg	5008-88	4
1779740	WHITE	BRUTE® Container without Lid	24.0" dia x 31.5" h	44 gal	49.5 lb	61.0 cm dia x 80.0 cm	166.6 L	22.4 kg	5008-88	4
1779741	DARK GREEN	BRUTE® Container without Lid	24.0" dia x 31.5" h	44 gal	49.5 lb	61.0 cm dia x 80.0 cm	166.6 L	22.4 kg	5008-88	4
FG265500	GRAY, WHT, RED, YEL, DGRN	BRUTE® Container without Lid	26.4" dia x 33.0" h	55 gal	52.9 lb	67.0 cm dia x 83.8 cm	208.2 L	24.0 kg	5011-88	3
1779732	BLUE	BRUTE® Container without Lid	26.4" dia x 33.0" h	55 gal	52.9 lb	67.0 cm dia x 83.8 cm	208.2 L	24.0 kg	5011-88	3
1779739	BLACK	BRUTE® Container without Lid	26.4" dia x 33.0" h	55 gal	52.9 lb	67.0 cm dia x 83.8 cm	208.2 L	24.0 kg	5011-88	3

BRUTE® Recycling

NO.	COLOR	DESCRIPTION	U.S. DIMENSIONS	U.S. CAPACITY	U.S. SHIP WT/CTN	METRIC DIMENSIONS	METRIC CAPACITY	METRIC SHIP WT/CTN	PACK
FG262073*	BLUE	BRUTE® Recycling Container without Lid	19.5" dia x 22.9" h	20 gal	35.0 lb	49.5 cm dia x 58.1 cm	75.7 L	15.9 kg	6
1926828	GREEN	BRUTE® Recycling Container without Lid	19.5" dia x 22.9" h	20 gal	35.0 lb	49.5 cm dia x 58.1 cm	75.7 L	15.9 kg	6
FG263273*	BLUE	BRUTE® Recycling Container without Lid	22.0" dia x 27.3" h	32 gal	47.0 lb	55.9 cm dia x 69.2 cm	121.1 L	21.3 kg	6
1788472*	GREEN	BRUTE® Recycling Container without Lid	22.0" dia x 27.3" h	32 gal	47.0 lb	55.9 cm dia x 69.2 cm	121.1 L	21.3 kg	6
FG264307	BLUE	BRUTE® Recycling Container without Lid	24.0" dia x 31.5" h	44 gal	49.5 lb	61.0 cm dia x 80.0 cm	166.6 L	22.4 kg	4
1926829	GREEN	BRUTE® Recycling Container without Lid	24.0" dia x 31.5" h	44 gal	49.5 lb	61.0 cm dia x 80.0 cm	166.6 L	22.4 kg	4
2044156	BLUE	BRUTE® Recycling Container without Lid	26.4" dia x 33.0" h	55 gal	52.9 lb	67.0 cm dia x 83.8 cm	208.2 L	24.0 kg	4
1977785		Waste Stream Label Kit Version A fits 20-Gallon BRUTE® Containers	7.8" w x 4.7" h						10
1977787		Waste Stream Label Kit Version C fits 32- and 44-Gallon BRUTE® Containers	9.5" w x 5.7" h						10

*NSF Standards 2 and 21 do not apply to recycling containers.

BRUTE® Lids and Tops

Select from a wide range of lids for use in any environment.

SELF-DRAINING LIDS

- Self-draining channels prevent water from pooling, reducing still water buildup
- Snap-lock ensures a secure fit
- Ridges enable stacking of BRUTE® containers to provide a space-efficient storage solution
- Available in 7 colors



DOME TOP LIDS

- Spring action door allows for easy trash disposal while keeping odors in and insects out
- Snap-lock ensures a secure fit

BRUTE® RECYCLING LIDS*

- Intuitive recycling lids with color-coding options ensure recyclables get into the right bins.



FUNNEL TOP LIDS

- Cut-out top enables hands-free refuse disposal
- Funnel design conceals waste from public view

NO.	COLOR	DESCRIPTION	U.S. DIMENSIONS	U.S. SHIP WT/CTN	METRIC DIMENSIONS	METRIC SHIP WT/CTN	PACK
FG260900	YEL, WHT, RED, GRAY, DGRN	Lid for 10-Gallon BRUTE® Container	15.9" dia x 1.2" h	4.7 lb	40.4 cm dia x 3.0 cm	2.1 kg	6
1779700	BLUE	Lid for 10-Gallon BRUTE® Container	15.9" dia x 1.2" h	4.7 lb	40.4 cm dia x 3.0 cm	2.1 kg	6
1926826	BLACK	Lid for 10-Gallon BRUTE® Container	15.9" dia x 1.2" h	4.7 lb	40.4 cm dia x 3.0 cm	2.1 kg	6
FG261960	YEL, WHT, RED, GRAY, BLA, DGRN	Lid for 20-Gallon BRUTE® Container	19.8" dia x 1.7" h	7.1 lb	50.5 cm dia x 4.3 cm	3.2 kg	6
1779731	BLUE	Lid for 20-Gallon BRUTE® Container	19.8" dia x 1.7" h	7.1 lb	50.5 cm dia x 4.3 cm	3.2 kg	6
FG263100	YEL, WHT, RED, GRAY, DGRN, BLUE	Lid for 32-Gallon BRUTE® Container	22.2" dia x 1.6" h	12.3 lb	56.5 cm dia x 4.1 cm	5.6 kg	6
1867532	BLACK	Executive Lid for 32-Gallon BRUTE® Container	22.2" dia x 1.6" h	12.3 lb	56.5 cm dia x 4.1 cm	5.6 kg	6
FG264560	YEL, WHT, RED, GRAY, BLA, DGRN	Lid for 44-Gallon BRUTE® Container	27.5" dia x 2.0" h	14.3 lb	69.8 cm dia x 5.0 cm	6.5 kg	4
1779636	BLUE	Lid for 44-Gallon BRUTE® Container	27.5" dia x 2.0" h	14.3 lb	69.8 cm dia x 5.0 cm	6.5 kg	4
FG265400	YEL, WHT, RED, GRAY, DGRN	Lid for 55-Gallon BRUTE® Container	29.1" dia x 3.0" h	11.6 lb	68.4 cm dia x 7.4 cm	5.3 kg	3
1779733	BLUE	Lid for 55-Gallon BRUTE® Container	29.1" dia x 3.0" h	11.6 lb	73.9 cm dia x 7.6 cm	5.3 kg	3
1779738	BLACK	Executive Lid for 55-Gallon BRUTE® Container	29.1" dia x 3.0" h	11.6 lb	73.9 cm dia x 7.6 cm	5.3 kg	3
FG263788	GRAY, RED	BRUTE® Dome Top for 32-Gallon BRUTE® Container	22.6" dia x 12.2" h	9.8 lb	57.6 cm dia x 31.1 cm	4.4 kg	1
1829398	BLUE	BRUTE® Dome Top for 32-Gallon BRUTE® Container	22.6" dia x 12.2" h	9.8 lb	57.6 cm dia x 31.1 cm	4.4 kg	1
2044152	Black	BRUTE® Dome Top for 32-Gallon BRUTE® Container	22.6" dia x 12.2" h	9.8 lb	57.6 cm dia x 31.1 cm	4.4 kg	1
FG264788	GRAY, RED	BRUTE® Dome Top for 44-Gallon BRUTE® Container	24.8" dia x 12.6" h	12.1 lb	63.0 cm dia x 32.1 cm	5.5 kg	1
1834840	BLUE	BRUTE® Dome Top for 44-Gallon BRUTE® Container	24.8" dia x 12.3" h	12.1 lb	63.0 cm dia x 32.1 cm	5.5 kg	1
2044039	Black	BRUTE® Dome Top for 44-Gallon BRUTE® Container	24.8" dia x 12.3" h	12.1 lb	63.0 cm dia x 32.1 cm	5.5 kg	1
FG265788	GRAY, RED	BRUTE® Dome Top for 55-Gallon BRUTE® Container	27.2" dia x 15.5" h	13.0 lb	69.2 cm dia x 39.3 cm	5.9 kg	1
2044151	BLUE	BRUTE® Dome Top for 55-Gallon BRUTE® Container	27.2" dia x 15.5" h	13.0 lb	69.2 cm dia x 39.3 cm	5.9 kg	1
2044040	BLACK	BRUTE® Dome Top for 55-Gallon BRUTE® Container	27.2" dia x 15.5" h	13.0 lb	69.2 cm dia x 39.3 cm	5.9 kg	1
FG354300 ¹	GRAY	Funnel Top for 32-Gallon BRUTE® Containers	22.3" dia x 5.0" h	8.8 lb	56.8 cm dia x 12.7 cm	4.0 kg	4
2017962	Red	BRUTE® 32G Lid – Open Top	24.1" dia x 5.9" h	14.3 lb	61.2 cm dia x 15.2 cm	6.5 kg	6
2017963	Yellow	BRUTE® 32G Lid – Open Top	24.1" dia x 5.9" h	14.3 lb	61.2 cm dia x 15.2 cm	6.5 kg	6
2017964	Dark Green	BRUTE® 32G Lid – Open Top	24.1" dia x 5.9" h	14.3 lb	61.2 cm dia x 15.2 cm	6.5 kg	6
2017965	Blue	BRUTE® 32G Lid – Open Top	24.1" dia x 5.9" h	14.3 lb	61.2 cm dia x 15.2 cm	6.5 kg	6
2017738	Black	BRUTE® 32G Lid – Open Top	24.1" dia x 5.9" h	14.3 lb	61.2 cm dia x 15.2 cm	6.5 kg	6
2017740	Red	BRUTE® 32G Lid – Bottles/Cans	24.1" dia x 5.9" h	14.3 lb	61.2 cm dia x 15.2 cm	6.5 kg	6
2018161	Yellow	BRUTE® 32G Lid – Bottles/Cans	24.1" dia x 5.9" h	14.3 lb	61.2 cm dia x 15.2 cm	6.5 kg	6
2018162	Dark Green	BRUTE® 32G Lid – Bottles/Cans	24.1" dia x 5.9" h	14.3 lb	61.2 cm dia x 15.2 cm	6.5 kg	6
2018163	Blue	BRUTE® 32G Lid – Bottles/Cans	24.1" dia x 5.9" h	14.3 lb	61.2 cm dia x 15.2 cm	6.5 kg	6
2018166	Red	BRUTE® 32G Lid – Paper	24.1" dia x 5.9" h	14.3 lb	61.2 cm dia x 15.2 cm	6.5 kg	6
2018167	Yellow	BRUTE® 32G Lid – Paper	24.1" dia x 5.9" h	14.3 lb	61.2 cm dia x 15.2 cm	6.5 kg	6
2018168	Dark Green	BRUTE® 32G Lid – Paper	24.1" dia x 5.9" h	14.3 lb	61.2 cm dia x 15.2 cm	6.5 kg	6
2018169	Blue	BRUTE® 32G Lid – Paper	24.1" dia x 5.9" h	14.3 lb	61.2 cm dia x 15.2 cm	6.5 kg	6
2018212	Red	BRUTE® 32G Lid – Mixed Recycling	24.1" dia x 5.9" h	14.3 lb	61.2 cm dia x 15.2 cm	6.5 kg	6
2018213	Yellow	BRUTE® 32G Lid – Mixed Recycling	24.1" dia x 5.9" h	14.3 lb	61.2 cm dia x 15.2 cm	6.5 kg	6
2018214	Dark Green	BRUTE® 32G Lid – Mixed Recycling	24.1" dia x 5.9" h	14.3 lb	61.2 cm dia x 15.2 cm	6.5 kg	6
2018215	Blue	BRUTE® 32G Lid – Mixed Recycling	24.1" dia x 5.9" h	14.3 lb	61.2 cm dia x 15.2 cm	6.5 kg	6
1788380	Blue	BRUTE® 32G Lid – Mixed Recycling	24.0" dia x 22.5" h	12.2 lb	60.9 cm dia x 57.1 cm	5.5 kg	6
1788471	Green	BRUTE® 32G Lid – Mixed Recycling	24.0" dia x 22.5" h	12.2 lb	60.9 cm dia x 57.1 cm	5.5 kg	6

¹ Provides hands-free product use.

* NSF Standard 2 and NSF Standard 21 Certification applies to BRUTE® Self-Draining Lids.



BRUTE® Dollies

Provide easy mobility and maneuverability when collecting and transporting heavy loads.



QUIET DOLLY



FG264043

TANDEM DOLLY



FG264600



NONMARKING CASTERS
Nonmarking casters on the Quiet Dolly eliminate 88% of traditional dolly noise across smooth and uneven surfaces.

TWIST LOCK
Secures your BRUTE® container to the BRUTE® Dolly.

STRUCTURAL FOAM
Provides added strength and durability.

NO.	COLOR	DESCRIPTION	U.S. DIMENSIONS	U.S. CAPACITY	U.S. SHIP WT/CTN	METRIC DIMENSIONS	METRIC CAPACITY	METRIC SHIP WT/CTN	PACK
FG264000	BLA	BRUTE® Dolly for 20-, 32-, 44-, and 55-Gallon BRUTE® Containers	18.2" dia x 6.6" h	250.0 lb	11.4 lb	46.4 cm dia x 16.8 cm	113.3 kg	5.2 kg	2
FG264043	BLA	BRUTE® Quiet Dolly for 20-, 32-, 44-, and 55-Gallon BRUTE® Containers	18.2" dia x 6.6" h	250.0 lb	10.8 lb	46.4 cm dia x 16.8 cm	113.3 kg	4.9 kg	2
FG264600	BLA	BRUTE® Tandem Dolly for 20-, 32-, 44-, and 55-Gallon BRUTE® Containers	45.0" l x 20.2" w x 8.0" h	200.0 lb per platform	19.0 lb	114.3 cm x 51.4 cm x 20.3 cm	90.7 kg per platform	8.6 kg	1
FG265000	BLA	Universal Drum Dolly for 55-Gallon BRUTE® Containers	24.4" dia x 7.1" h	500.0 lb	28.2 lb	61.9 cm dia x 18.1 cm	226.7 kg	12.8 kg	2
FG353000	BLA	BRUTE® Square Dolly for BRUTE® Square Containers	17.2" sq x 6.2" h	300.0 lb	13.5 lb	43.8 cm sq x 15.9 cm	136.07 kg	6.1 kg	2

BRUTE® Outdoor Accessories

BRUTE® Outdoor Accessories are designed to make BRUTE® containers more productive than ever.

- The BRUTE® Construction and Landscape Dolly is built to easily maneuver over rough terrain for superior handling of heavy loads.
- Built to handle rough and uneven surfaces, the BRUTE® Multi-Surface Dolly is designed to help make moving waste easier than ever.
- The BRUTE® Anchor secures BRUTE® containers to a variety of surfaces for a lifetime of use. The structural foam base fits any 20-, 32-, 44-, and 55-gallon BRUTE® container and is available in Dirt/Sand/Grass and Concrete Kits.



1997801

1997410



1997803



1997802

NO.	COLOR	DESCRIPTION	U.S. DIMENSIONS	U.S. CAPACITY	U.S. SHIP WT/CTN	METRIC DIMENSIONS	METRIC CAPACITY	METRIC SHIP WT/CTN	PACK
1997410	RED	BRUTE® Construction And Landscape Dolly	25.2" w x 52.3" h x 31.9" d	250.0 lb	28.5 lb	64.05 cm x 132.94 cm x 81.17 cm	113.3 kg	12.9 kg	1
1997801	RED	BRUTE® Multi-Surface Dolly	22.4" w x 45.6" h x 29.3" d	250.0 lb	25.1 lb	56.94 cm x 116.02 cm x 74.52 cm	113.3 kg	11.4 kg	1
1997803	BLACK	BRUTE® Anchor Kit – Concrete	18.0" dia x 2.8" h	250.0 lb	2.9 lb	45.72 cm x 7.08 cm	113.3 kg	1.3 kg	1
1997802	BLACK	BRUTE® Anchor Kit – Dirt/Grass/Sand	18.0" dia x 2.8" h	250.0 lb	4.5 lb	45.72 cm x 7.08 cm	113.3 kg	2.0 kg	1

Pav A Basement / Phase 2

Specification Coversheet



Description: Ice Machine, Dispenser, Nugget, Wall Mount

Manufacturer: Follett LLC (800-523-9361)

Vendor: STERIS Corporation - Healthcare ((440) 354-2600)

Model: Symphony Plus 12HI425A-S0-00

Atta ID: 4914-024

Alt ID:

Mfr #: 12HI425A-S0-00

Vendor #:

CAD ID: ICE0293

Item ID:

Wall mount ice and water dispenser with integral, air-cooled ice machine. SensorSAFE infrared dispensing. Produces up to 425 lbs of compressed nugget ice/24 hrs. Storage capacity 12 lbs. Also available with optional drain pan. Stainless steel cabinet with accent trim, corrosion-resistant poly drain pan, grille and dispenser lid. Agion silver-based antimicrobial product protection of key ice and water contact components. Quiet Night sleep mode turns off ice machine when idle. NSF and ETL listed.

General Product Detail

Arch Sig: Yes	Spatially Sig: No
Arch Code: 1-Fixed	ADA: No
Custom Code: Unassigned	Antimicrobial: Yes
Furnish Install: O/C	Type: Non-Medical
	Green: No

Electrical Requirements

Volts: 115	Watts: 1265
Hz: 60	Amps: 11
Phase: Single	BTU/hr: 5000
KVA:	Ded. Circuit: Yes
Emer. Power: No	Plug Type: Type B (NEMA 5-15)

Physical Requirements

Width: 16.12 in (409 mm)	Left: N/A
Depth: 23.50 in (597 mm)	Right: 6.00 in (152 mm)
Height: 32.50 in (826 mm)	Front: N/A
Max Weight: 161 lbs (73.0 kg)	Back: N/A
Mounting: Wall	Top: 12.00 in (305 mm)
	Bottom: 18.00 in (457 mm)

Utility and Technology Requirements

Water - Cold: Yes	Gasses: No
Water - Hot: No	Drain: Yes
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Structural Requirements

Seismic: Yes	Pre-approval:
---------------------	----------------------

Product and Project Item Notes

Specification:

15 amp circuit required.
Requires 18in maximum clearance from bottom of sink below.
Max weight reflects bin at max capacity.

Structural:

Electrical:

Plumbing:

Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B502	Breakroom	Project	Draft (New)	1	

Total: 1



SensorSAFE not recommended for use with clear containers or for applications in direct sunlight

Symphony Plus™ ice and water dispenser

12 HI series wall mount with Chewblet® ice machine

Features

Narrow, 16.12" (40.9 cm) width

12 lb (5.4 kg) ice storage capacity

Integral air-cooled ice machine with up to 425 lb (193.0 kg) daily production of Chewblet ice

- soft, chewable, compressed nugget ice is preferred over cubes¹ and is ideal for patient care
- Quiet Night™ sleep mode turns off ice machine when idle

Designed with sanitation in mind

- automatic self-flushing of ice machine removes impurities
- drain cup provides internal air gap for added protection of food zone components from drain line contaminants
- Agion® silver-based antimicrobial provides protection of key ice and water contact components²
- SensorSAFE™ infrared ice dispense

Dependable design, easy to service and clean

- cleaning and sanitizing of entire machine takes only 1 hour
- LED control board provides at-a-glance machine status
- panels are easily removed for accessibility to all components
- ice machine parts are common across all Symphony Plus dispensers
- stainless steel evaporator and auger deliver long life

Environmentally responsible

- meets Consortium for Energy Efficiency Tier 2 specifications
- R404a refrigerant has zero ozone depletion potential
- continuous ice making process uses less electricity and water

Durable, attractive dispenser

- stainless steel cabinet with accent trim
- poly drain pan, grille and dispenser lid are corrosion-resistant

Easy installation

- comes fully assembled and installs with three easy connections – electric, water and drain

Warranty

- 3 years parts and labor, 5 years compressor parts

Accessories

Pressurized water sanitizing kits (refer to form# 6830)

SafeCLEAN Plus™ ice machine cleaner

1 x 8 oz (237 ml) bottle (item# 01147826)

6 x 8 oz (237 ml) bottles (item# 01149954)

Carton of 24 x 8 oz (237 ml) bottles (item# 01149962)

Nu-Calgon® IMS-III sanitizer, 16 oz (0.5 L) bottle (item# 00979674)

Additional filters (refer to form# 9905 and 8320)

Additional Symphony Plus accessories (refer to price list)

Model configurations			
Ice storage capacity	Dispense	Ice machine cooling	Item number
12 lb (5.4 kg)	SensorSAFE	air	12HI425A-S0-00
			12HI425A-S0-DP¹

¹ Unit configured with drain pan.



Shown without drain pan

Ice production		
Temperatures air/water	70/50 F (21/10 C)	90/70 F (32/21 C)
Air-cooled	425 lb (193.0 kg)	325 lb (147.6 kg)
Energy consumption per 100 lb (45.4 kg) ice	N/A	6.0 kWh air-cooled
Water consumption	12.0 gal (45.4 L) of potable water per 100 lb (45.4 kg) of ice	

Job

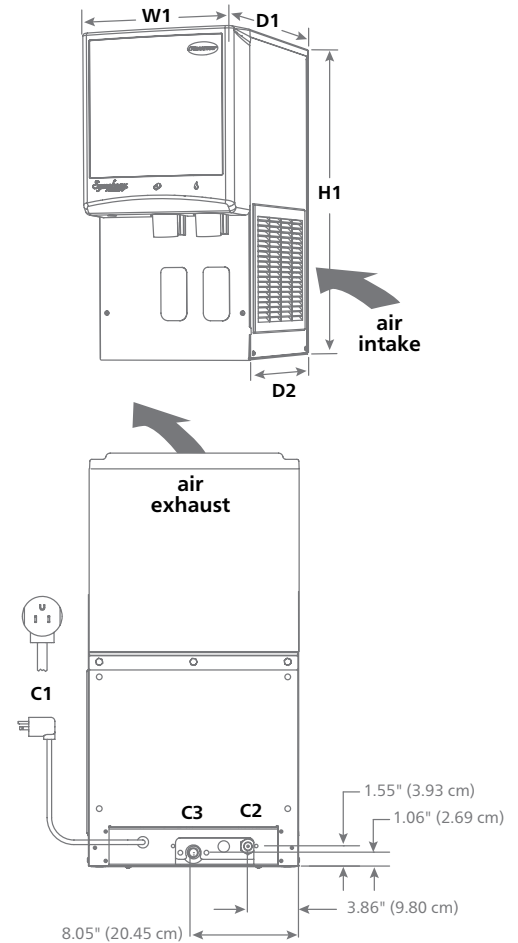
Item

Specification

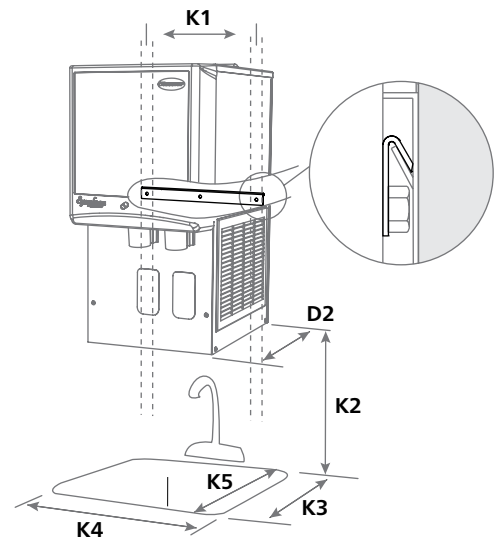
Ice storage capacity	12 lb (5.4 kg)
W1 Width	16.12" (40.9 cm)
D1 Depth, upper cover	23.50" (59.7 cm)
D2 Depth, bottom	18.50" (47.0 cm)
H1 Height	32.50" (82.6 cm)
Ventilation clearance	6.00" (15.24 cm) top and right side
Service clearance	12.00" (30.5 cm) top
C1 115 V/60/1 electrical	11 amps, 0.8 kW 8.5' (2.6 m) cord w/ NEMA 5-15 90° hospital-grade plug
C2 Potable water inlet	3/8" FPT
C3 Drain	3/4" MPT
Utility connection location	through back
K1 Minimum span – wall bracing required in most applications	13.00" (33.0 cm) on center mounting for securing NOTE: Wall mount bracket standard
K2 Maximum height from sink	18.00" (45.7 cm)
K3 Minimum distance from wall to front of sink	30.00" (76.2 cm)
K4 Minimum sink width	16.00" (40.6 cm) centered on dispenser, 11.50" (29.2 cm) centered on chutes
K5 Minimum sink depth	16.00" (40.6 cm)
Air temperature	50 -100 F (10 - 38 C)
Water temperature	45 - 90 F (7 - 32 C)
Water pressure	10 - 70 psi (69 - 483 kpa)
Heat rejection	5000 BTU/hr
Approximate net weight	149 lb (68 kg)
Approximate ship weight	199 lb (90 kg)
NOTE: For indoor use only	

SHORT FORM SPECIFICATION: (Choose one) ___ Ice and water or ___ ice-only dispenser to be Follett® automatic load in wall mount configuration, with 12 lb (5.4 kg) of storage and separate ice and water chutes. Environmentally responsible R404a air-cooled ice machine to have 24 hour production capacity of approximately 425 lb (193.0 kg) of Chewblet compressed nugget ice at water temp. of 70 F (21 C); air temp. of 90 F (32 C). Ice machine equipped with automatic self-flushing and Quiet Night sleep mode. Dispenser to have automatic bin level control to start and stop ice machine. Storage area insulated with CARB compliant non-HFC foam. 8.5' (2.6 m) cord and NEMA 5-15 90° hospital-grade plug provided. NSF and ETL listed.

Dimensional drawing



Wall mount detail



¹ Independent third party studies. Contact Follett for details.

² Disclaimer: Antimicrobial protection is limited to the treated components and does not treat water or ice.

Agion is a registered trademark of Sciesent LLC.

Calgon is a licensed tradename distributed by Nu-Calgon, in the United States.

SYMPHONY PLUS, SENSORSAFE, SAFE CLEAN PLUS and QUIET NIGHT are trademarks of Follett LLC.

CHEWBLET and FOLLETT are registered trademarks of Follett LLC, registered in the US.

Follett reserves the right to change specifications at any time without obligation. Certifications may vary depending on country of origin.

12 HI series wall mount

Pav A Basement / Phase 2 Specification Coversheet



Description: Shelving, Allowance, Supply, High Density (Movable)

Manufacturer: InterMetro Industries Corp (800.992.1776)

Vendor: InterMetro Industries Corp (800.992.1776)

Model: MetroMax Top Track

Atta ID: 4941-002

Alt ID: 292

Mfr #: TBD

Vendor #: TBD

CAD ID: SHL0146

Item ID:

High density polymer shelving. Stationary end units with multiple mobile shelving units in between. All units guided by overhead top track system. Dimensions and configurations vary. Contact vendor for Project-specific layout, quote and drawings.

General Product Detail

Arch Sig: Yes	Spatially Sig: No
Arch Code: 3-Movable, Non-Elect	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/V	Type: Non-Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: REM	Left: N/A
Depth: REM	Right: N/A
Height: REM	Front: N/A
Max Weight: REM	Back: N/A
Mounting: Floor	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Structural Requirements

Seismic: Yes	Pre-approval:
---------------------	----------------------

Product and Project Item Notes

Specification:

Specifications vary based on custom configuration. Contact Vendor for site-specific layout.

Structural:

Electrical:

Plumbing:

Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B507	Instrument Storage	Project	Draft (New)	1	
Central Sterile / OR Materials	A0B511	Supply	Existing (Reuse)	Draft (Existing)	12	

Total: 13



Item # _____

Job _____



COST-EFFECTIVE HIGH-DENSITY STORAGE

MetroMax[®] Top-Track[™], with its open architecture and compliment of accessories, is the most versatile and cost-effective, high-density storage system available. Rust proof and easy-to-clean, MetroMax Storage System components are perfect for high moisture applications. MetroMax shelf mats have built in *Microban[®] antimicrobial product protection.

- *Reduce Inventory Costs*
- *Increase Revenues*
- *Maximize Storage Capacity*
- *Increase Productivity*
- *Simplify Operations*
- *Cleaner between Cleanings*



- **Maximizes Storage Capacity:** MetroMax Top-Track can increase the storage capacity of a given area by 30% to 40%. Mobile units are used between stationary units. Only one aisle, which can be opened between any two units as needed, is required. The MetroMax Top-Track Storage area incorporates far less aisle space and maximizes the usable storage area.
- **Cost-Saving Performance:** This efficient utilization of space addresses the storage needs of new or growing operations. In a new facility, less square footage would have to be dedicated to storage. In growing operations, MetroMax Top-Track can eliminate the need to expand the facility to handle increasing storage requirements, greatly reducing the costs associated with a growing business's needs.
- **Improved Organization and Inventory Control:** MetroMax Top-Track allows better organization of stored goods and permits improved inventory control with one-stop delivery and pick-up.

- **Increased Productivity:** With reduced square footage dedicated to storage, MetroMax Top-Track maximizes the amount of productive "front of the house" space available, increasing daily revenues.
- **Accessible:** The overhead track system guides the mobile units and opens an access aisle between any two units, whenever it is needed. The open access promotes cleanliness and easy access for walking or for utility carts, simplifying the material handling task.
- **MetroMax System:** At the core of MetroMax Top-Track is the MetroMax Storage System, by far the most revolutionary and advanced system of its kind in the marketplace today. Incredibly strong, with materials that are backed by a lifetime warranty against rust. Interchangeable solid and open grid mats that contain *Microban[®] built-in product protection, and a wide array of accessories, give it unequalled versatility.

*MICROBAN[®] and the MICROBAN[®] symbol are registered trademarks of the Microban Products Company, Huntersville, NC.



InterMetro Industries Corporation
North Washington Street
Wilkes-Barre, PA 18705
www.metro.com



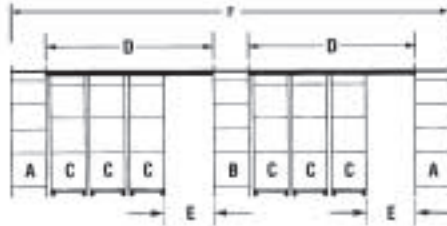


METROMAX[®] TOP-TRACK[™] HIGH-DENSITY STORAGE SYSTEM

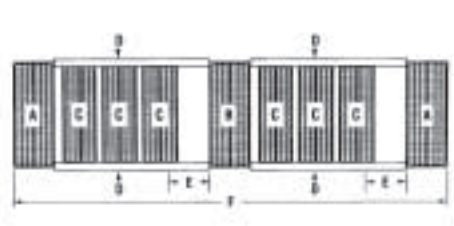
SYSTEM COMPONENTS

- A** = Stationary End Units
- B** = Stationary Intermediate Unit (Optional)
- C** = Mobile Units
- D** = Track Set
- E** = Open Aisle
- F** = Overall System Length

Front View



Overhead View



STATIONARY END AND/OR INTERMEDIATE UNIT KIT

Kit includes the hardware necessary for connecting track sets to two stationary end units or one intermediate unit. Kit components are stainless steel. 86" (2185mm) posts (86PX) included. **Just add shelves.**

A stationary intermediate unit is required when track length exceeds 21' (6405mm). A stationary intermediate unit may be used at the discretion of the user when track lengths are less than 21' (6405mm). The stationary end and intermediate units must have a minimum of 4 shelves. The width of the stationary end and intermediate unit should be equal to or greater than the width of the mobile units. 86" (2185mm) posts (86PX) included. **Just add shelves.**

Cat. No. End Unit	Cat. No. Intermediate Unit	Shelf Width (in.) (mm)	
XTTE18	XTTA18	18	457
XTTE24	XTTA24	24	610

MOBILE UNIT KIT

One kit is required per mobile unit. Kit includes posts, casters, caster channels, bumpers, and roller assemblies. Shelves are sold separately. If 18" (455mm) wide mobile units are planned, the maximum allowable size shelf is 60" (1525mm) long. If 18" wide by 60" long mobile units are planned, a maximum of 5 - 18" (455mm) mobile units are allowable between two stationary units. 18" (455mm) and 24" (610mm) wide mobile units can be intermixed in a given system. The standard system requires 74" (1880mm) posts (74PX) on the mobile units. Recommended maximum load rating for a mobile unit is 900 lbs. (400kg). Floor should be level, smooth, and free from large cracks and raised obstacles. 74" (1880mm) posts (74UPX) included. **Just add shelves.**

Cat. No. Chrome	Cat. No. Stainless Steel	Shelf Width (in.) (mm)	
XTTM18C	XTTM18S	18	457
XTTM24C	XTTM24S	24	610

TRACK SETS

Includes necessary sections of track for assembling track runs of 6' to 21' (1830-6405mm). **Only one track set is required between stationary units.**

6' (1830mm)	7' (2135mm)	8' (2440mm)	9' (2745mm)	10' (3050mm)	11' (3355mm)	12' (3660mm)	13' (3965mm)
TTS6NA	TTS7NA	TTS8NA	TTS9NA	TTS10NA	TTS11NA	TTS12NA	TTS13NA
14' (4270mm)	15' (4575mm)	16' (4880mm)	17' (5185mm)	18' (5490mm)	19' (5795mm)	20' (6100mm)	21' (6405mm)
TTS14NA	TTS15NA	TTS16NA	TTS17NA	TTS18NA	TTS19NA	TTS20NA	TTS21NA

Dimensions

System Length: Actual system length is equal to:

Nominal widths of end units + nominal track length + 1" (25mm). If stationary intermediate unit(s) is used, add 1" (25mm) per stationary intermediate unit.

Example: System contains 1 - 24" (610mm) wide end unit, 12' (3660mm) track length, and 1 - 18" (457mm) wide end unit. Actual system length equals 2'0" (610mm) + 12'0" (3660mm) + 1'6" (457mm) + 0'1" (25mm) = 15'7" (4750mm) actual system length.

Example: System containing 1 - 24" (610mm) wide stationary end unit, a 14' (4270mm) track length, 1 - 24" (610mm) wide stationary intermediate unit, a 12' (3660mm) track length, and 1 - 18" (457mm) stationary end unit. Actual system length is equal to 2'0" (610mm) + 14'0" (4270mm) + 2'0" (610mm) + 12'0" (3660mm) + 1'6" (457mm) + 0'1" (25mm) + 0'1" (25mm) = 31'8" (9652mm) actual system length.

METROMAX[®] TOP-TRACK[™] HIGH-DENSITY STORAGE SYSTEM



Aisle Width: Under normal conditions, an aisle width of 30" to 36" (760-914mm) is recommended. The storage of very large objects within the system, however, may require an aisle width larger than 36" (914mm). When determining aisle width, actual mobile unit widths must be considered. Actual mobile unit width is equal to the nominal mobile unit width 18" or 24" (457 or 610mm) plus 2 1/2" (64mm).

Example: A 12' (3660mm) track set is incorporated between stationary units. Desired aisle width is approximately 30" (760mm). 2 - 24" (610mm) wide and 3 - 18" (457mm) wide mobile units are selected. Actual width of each mobile unit is:

24" (610mm) + 2 1/2" (64mm) = 26 1/2" (674mm); 18" (457mm) + 2 1/2" (64mm) = 20 1/2" (519mm).

Overall actual track space utilized by mobile units is:

2 x (26 1/2") + 3 x (20 1/2") = 53" (1346mm) + 61 1/2" (1562mm) = 114.5" (2908mm)

Overall track length equals 12' x 12" per foot = 144.0" (3658mm)

Space utilized by mobile units = 114.5" (2908mm)

Aisle space available = 29.5" (750mm) (or approximately 30" [760mm])

Note: If the MetroMax Top-Track System is to be installed for single side access with the rear of the unit against the wall, provide 5" (12.7cm) clearance between rear wall and system to allow for room variations and system dynamics.

Critical Dimensions

System Length: Actual system length is equal to:

Nominal widths of end units + nominal track length + 1" (25mm). If stationary intermediate unit(s) is used, add 1" (25mm) per stationary intermediate unit.

Example: System contains 1 - 24" (610mm) wide end unit, 12' (3660mm) track length, and 1 - 18" (457mm) wide end unit.

Actual system length equals 2'0" (610mm) + 12'0" (3660mm) + 1'6" (457mm) + 0'1" (25mm) = 15'7" (4750mm) actual system length.

System Depth: Actual system depth for a MetroMax Top-Track System is equal to:

Nominal length of end and mobile units + 2 1/2" (64mm).

Example: System contains 60" (1525mm) long end and mobile units. Actual system depth equals 60" (1525mm) + 2 1/2" (64mm) = 62 1/2" (1589mm).

Aisle Width: Under normal conditions, an aisle width of 30" to 36" (760-914mm) is recommended. The storage of very large objects within the system, however, may require an aisle width larger than 36" (914mm). When determining aisle width, actual mobile unit widths must be considered. Actual mobile unit width is equal to the nominal mobile unit width 18" or 24" (455 or 610mm) plus 2 1/2" (64mm).

Example: A 12' (3660mm) track set is incorporated between stationary units. Desired aisle width is approximately 30" (760mm) 2 - 24" (610mm) wide and 3 - 18" (455mm) wide mobile units are selected. Actual width of each mobile unit is:

24" (610mm) + 2 1/2" (64mm) = 26 1/2" (674mm); 18" (457mm) + 2 1/2" (64mm) = 20 1/2" (519mm).

Overall actual track space utilized by mobile units is:

2 x (26 1/2") + 3 x (20 1/2") = 53" (1346mm) + 61 1/2" (1562mm) = 114.5" (2908mm)

Overall track length equals 12' x 12" per foot = 144.0" (3658mm)

Space utilized by mobile units = 114.5" (2908mm)

Aisle space available = 29.5" (750mm) (or approximately 30" [760mm])

Note: If the MetroMax Top-Track System is to be installed for single side access with the rear of the unit against the wall, provide 5" (12.7cm) clearance between rear wall and system to allow for room variations and system dynamics.

Job _____

METROMAX[®] TOP-TRACK[™] HIGH-DENSITY STORAGE SYSTEM



Accessories

Top-Track[™] Wall Mount Bracket

Includes one pair of wall brackets and fasteners to attach Top-Track to a wall. Wall fasteners not included.

Cat. No. **TTWM**



Top-Track Wall Mount Brackets

Top-Track[™] Stop Plate Kit

Includes stops and fasteners for one end of Top-Track system.

Cat. No. **TTSTP**



Top-Track Stop Plate Kit



*Illustration of both the
Top-Track Wall Mount
Bracket Kit and Stop Kit*

All Metro Catalog Sheets are available on our Web Site: www.metro.com



InterMetro Industries Corporation

North Washington Street, Wilkes-Barre, PA 18705
Phone: 570-825-2741 • Fax: 570-825-2852

For Product Information Call: 1-800-433-2232

L02-004H
Printed in U.S.A. 8/03

Information and specifications are subject to change without notice. Please confirm at time of order.

Copyright © 2003 InterMetro Industries Corp.

**Pav A Basement / Phase 2
Specification Coversheet**



Description: Shelving, Bins, Wall
Manufacturer: Akro-Mils ((800) 253-2467)
Vendor: Grainger (800-472-4643)
Model: 30161 Louvered Panel (36 x 61)

Wall bins shelving. Features: Measures 36 W x 61 H (inch). Holds plastic storage bins, 1000 lb. weight capacity. Available in Gray and Beige. Bins sold separately.

Atta ID: 4986-013
Alt ID:
Mfr #: 30161
Vendor #: 1UMD8
CAD ID: SHL0441
Item ID:

General Product Detail

Arch Sig: Yes	Spatially Sig: No
Arch Code: 1-Fixed	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/C	Type: Non-Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: 36.00 in (914 mm)	Left: N/A
Depth: 0.31 in (8 mm)	Right: N/A
Height: 61.00 in (1549 mm)	Front: N/A
Max Weight: 32 lbs (14.5 kg)	Back: N/A
Mounting: Wall	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Product and Project Item Notes

Structural Requirements

Seismic: Yes	Pre-approval:
---------------------	----------------------

- Specification:
- Structural:
- Electrical:
- Plumbing:
- Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B510	Supply Storage	Project	Draft (New)	8	

Total: 8

Louvered Hanging Systems

Customizable, flexible vertical storage for hanging bins

- This universal hanging surface provides easy placement and configuration of multiple sizes and styles of bins
- Wall-mounted panels keep items out of the way, off the floor and off the work table
- Create storage space anywhere! Flexible solutions for any environment



30632GY with 30210RED



30636BEIGE with 30320BLUE



30161BEIGE with 30239



Easy Assembly!

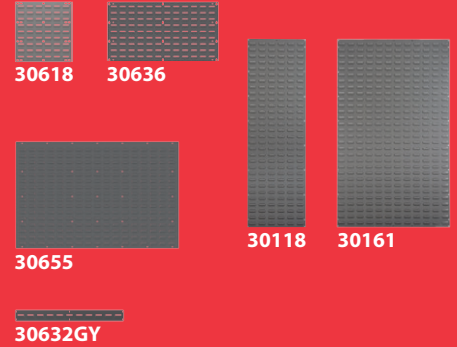
Models, 30658, 30661, and 30676 are full louvered panels pre-mounted to a heavy-duty frame, saving assembly time.

COLORS

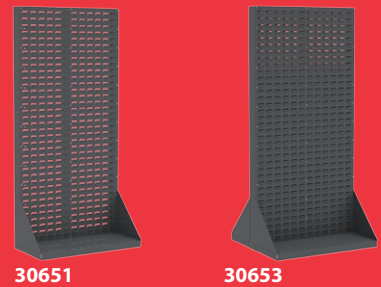
Gray, Beige, Textured White



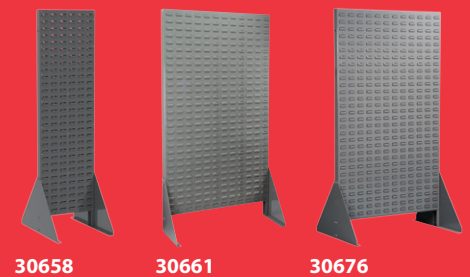
WALL PANELS



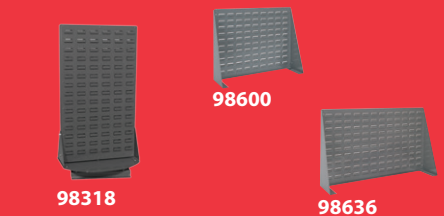
HEAVY-DUTY FLOOR RACKS



RIVET FLOOR RACKS



BENCH RACKS



AkroBin Louvered Hanging Systems			Dimensions (In.)				AkroBin Quantity to Fit Louvered Hanging System – AkroBins Model No.														
Model No.	Description	Ctn. Qty	L	W	H	Rack Wt. Cap.(lbs.)	30210	30220	30224	30230	30234	30235	30237	30239	30240	30250	30255	30260	30265	30270	30320
30618†	Louvered Wall Panel	4	18	5/16	19	160	16	16	12	9	9	3	6	4	4	2	3	1	2	1	–
30632	Single Row Louvered Panel	2	31-15/16	5/16	3	80	7	7	7	5	5	2	5	3	3	1	1	2	3	1	–
30636*‡	Louvered Wall Panel	4	35-3/4	5/16	19	160	32	32	24	18	18	9	15	8	8	4	6	3	4	2	3
	2 Louvered Wall Panels		35-3/4	5/16	37	–	72	72	48	36	36	18	30	16	16	8	12	9	12	6	6
	3 Louvered Wall Panels		35-3/4	5/16	55	–	104	104	72	54	54	27	45	24	24	12	18	12	20	8	9
	4 Louvered Wall Panels		35-3/4	5/16	73	–	144	144	96	72	72	36	60	36	36	18	24	18	28	12	12
30655	Louvered Wall Panel	1	52	5/16	34-1/8	750	96	96	60	45	45	20	40	24	24	12	15	8	18	6	5
30161*	Louvered Wall Panel	1	36	5/16	61	1000	120	120	80	60	60	30	50	28	28	14	20	15	24	10	10
30118*‡	Louvered Wall Panel	1	18	5/16	61	500	60	60	40	30	30	10	20	14	14	7	10	5	12	5	–
30651	Heavy-Duty Single-Sided Floor Rack	1	35-3/4	17	75-1/8	1000	144	144	96	72	72	36	60	36	36	18	24	18	28	12	12
30653	Heavy-Duty Double-Sided Floor Rack	1	35-3/4	32	75-1/8	2000	288	288	192	144	144	72	120	72	72	36	48	36	56	24	24
30658	Double-Sided Rivet Floor Rack	1	18	25	66-3/8	500	120	120	80	60	60	20	40	28	28	14	20	10	24	10	–
30661*	Single-Sided Rivet Floor Rack	1	36-3/16	13-1/2	66-3/8	500	120	120	80	60	60	30	50	28	28	14	20	15	24	10	10
30676*	Double-Sided Rivet Floor Rack	1	36-3/16	25	66-3/8	1000	240	240	160	120	120	60	100	56	56	28	40	30	48	20	20
LVDMOBILE	Mobile Kit for 30676	1	–	–	–	1500	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
30661DOLLYGY	Gray Floor Rack Dolly for 30661	1	37	24	6	500	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

*Also available in Beige. ‡Also available in Textured White. Specify color when ordering. Beige = BEIGE, White = TEXWHT, GY = Gray.

Louvered Bench Rack			Dimensions (In.)				AkroBin Quantity to Fit Louvered Hanging System – AkroBins Model No.													
Model No.	Description	Ctn. Qty	L	W	H	Rack Wt. Cap.(lbs.)	30210	30220	30224	30230	30234	30235	30237	30239	30240	30250	30255	30260	30265	30320
98600	Bench Rack	1	27-15/16	8-9/16	19-9/16	120	30	30	18	12	12	6	12	6	6	2	3	2	6	–
98636	Bench Rack	1	36	8	20	120	40	40	24	18	18	9	15	8	8	4	6	3	8	3

Double-Sided Benchtop Spinner Rack			Dimensions (In.)			Bin quantity – AkroBin Model No.					19-Series Cabinets	
Model No.	Description	Ctn. Qty	W	D	H	Rack Wt. Cap.(lbs.)*	30210	30220	30224	30230	30237	
98318GY	Double Sided Benchtop Spinner Rack	1	18½	16	34¼	200	56	56	40	30	20	4

*Weight evenly distributed on both sides of unit.



30661DOLLY



LVDMOBILE



98318GY with 30224 and 30230



akro-mils.com

1293 South Main Street, Akron, Ohio 44301 • Tel: 800.253.2467 • sales@akro-mils.com

In Canada: Ak-West, Inc. • Tel: 877.979.8940 • Fax: 403.225.1696 • sales@ak-westinc.com • ak-westinc.com

**Pav A Basement / Phase 2
Specification Coversheet**



Description: Shelving, Wire, Stainless Steel, 48 inch
Manufacturer: InterMetro Industries Corp (800.992.1776)
Vendor: InterMetro Industries Corp (800.992.1776)
Model: Super Erecta - Super Adjustable 48x24x74 (4-Tier)

Atta ID: 5093-012
Alt ID:
Mfr #: (4x)A2448NS/(4x)74PS
Vendor #: (4x)A2448NS/(4x)74PS
CAD ID: SHL0184
Item ID:

Stainless steel wire shelving unit with 4 shelves. Measures 48W x 24D x 74H (inch). Corner Release System for repositioning of shelves during initial assembly. SiteSelect Posts enable tool-free adjustment at 1 inch (25mm) increments along entire height of the post.

General Product Detail

Arch Sig: No	Spatially Sig: Yes
Arch Code: 3-Movable, Non-Elect	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/O	Type: Non-Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: 48.00 in (1219 mm)	Left: N/A
Depth: 24.00 in (610 mm)	Right: N/A
Height: 74.50 in (1892 mm)	Front: N/A
Max Weight: 80 lbs (36.3 kg)	Back: N/A
Mounting: Floor	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Structural Requirements

Seismic: Yes	Pre-approval:
---------------------	----------------------

Product and Project Item Notes

- Specification:
- Structural:
- Electrical:
- Plumbing:
- Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B403	Clean Work	Project	Draft (New)	3	
Central Sterile / OR Materials	A0B507	Instrument Storage	Project	Draft (New)	2	
Central Sterile / OR Materials	A0B510	Supply Storage	Project	Draft (New)	14	
Total:					19	



Item # _____

Job _____

SUPER ADJUSTABLE™ SUPER ERECTA SHELF® WIRE SHELVING

Super Adjustable™ Super Erecta Wire Shelving is the most advanced and innovative wire storage system available.

- **Maximum Space Utilization:** The Corner Release System encourages repositioning of shelves during initial assembly to reclaim wasted vertical space. In some cases, reclaimed vertical space will allow an extra shelving tier to be added to the storage unit resulting in a 25% increase in storage capacity!
- **Easily Assembled:** The unique Corner Release System enables quick and easy repositioning of shelves during the initial set up to accommodate different package or container sizes. "Total Assembly" is complete only after the shelves are properly spaced to maximize storage. SiteSelect™ Posts, with the double-groove visual guide feature, have circular grooves at 1" (25mm) increments and are numbered at 2" (51mm) intervals to easily identify proper shelf locations.
- **Easily Adjustable:** The unique shelf design and SiteSelect™ Posts enable "tool-free", quick adjustment at 1" (25mm) increments along the entire height of the post.
- **Improved Rigidity:** An enhanced Corner Release System has made Super Adjustable™ the most rigid, easily adjustable shelving system ever.
- **Strong:** Super Adjustable™ shelves hold as much weight as traditional Super Erecta wire shelving. Stationary units hold a maximum of 2,000 lb. (910kg). Maximum weight capacity per shelf (48" [1219mm] or shorter = 800 lb. [364kg]; longer than 48" [1219mm] = 600 lb. [273kg])
- **Choice of Finishes:** Super Adjustable™ Super Erecta shelving is available in a variety of finishes: chrome-plated for dry storage; Metroseal 3™ with antimicrobial product protection and Type 304 stainless steel for corrosive environments.
- **Accessories:** Compatible with the entire system of Super Erecta shelves and accessories. See Catalog Sheets 10.04, 10.05, 10.06 for more information.



Dry Storage — Chrome



Corner Release System

Super Adjustable™ Advantage . . .



Easy "no tool"
shelf adjustment

1" 25mm spacing
minimizes dead space

Efficient use of space
allows more storage
levels to be added.

Storage efficiency
can increase by
25% or more!



*MICROBAN® and the MICROBAN® symbol are registered trademarks of the Microban Products Company, Huntersville, NC.



InterMetro Industries Corporation
North Washington Street
Wilkes-Barre, PA 18705
www.metro.com



SUPER ADJUSTABLE™ SUPER ERECTA SHELF®
WIRE SHELVING

Dimensions

Super Adjustable™ Super Erecta Wire Shelving

Model No. Chrome	Model No. Metroseal 3	Model No. Stainless	Shelf Width/Length (in.) (mm)		Approx. Pkd. Wt. (lbs.) (kg)	
A1424NC	A1424NK3	A1424NS	14x24	355x610	6	2.7
A1430NC	A1430NK3	A1430NS	14x30	355x760	7	3.2
A1436NC	A1436NK3	A1436NS	14x36	355x914	8	3.6
A1442NC	A1442NK3	A1442NS	14x42	355x1066	9 1/2	4.3
A1448NC	A1448NK3	A1448NS	14x48	355x1219	10 1/2	4.7
A1460NC	A1460NK3	A1460NS	14x60	355x1524	14	6.3
A1472NC	A1472NK3	A1472NS	14x72	355x1829	17	7.7
A1824NC	A1824NK3	A1824NS	18x24	457x610	7	3.2
A1830NC	A1830NK3	A1830NS	18x30	457x760	8	3.6
A1836NC	A1836NK3	A1836NS	18x36	457x914	9 1/2	4.3
A1842NC	A1842NK3	A1842NS	18x42	457x1066	11	5.0
A1848NC	A1848NK3	A1848NS	18x48	457x1219	12	5.4
A1854NC	A1854NK3	A1854NS	18x54	457x1370	14 1/2	6.6
A1860NC	A1860NK3	A1860NS	18x60	457x1524	17	7.7
A1872NC	A1872NK3	A1872NS	18x72	457x1829	20	9.1
A2124NC	A2124NK3	A2124NS	21x24	530x610	8	3.6
A2130NC	A2130NK3	A2130NS	21x30	530x760	9	4.1
A2136NC	A2136NK3	A2136NS	21x36	530x914	11	5.0
A2142NC	A2142NK3	A2142NS	21x42	530x1066	12	5.4
A2148NC	A2148NK3	A2148NS	21x48	530x1219	14	6.4
A2154NC	A2154NK3	A2154NS	21x54	530x1370	16	7.3
A2160NC	A2160NK3	A2160NS	21x60	530x1524	18	8.2
A2172NC	A2172NK3	A2172NS	21x72	530x1829	24	10.9
A2424NC	A2424NK3	A2424NS	24x24	610x610	9	4.1
A2430NC	A2430NK3	A2430NS	24x30	610x760	11	5.0
A2436NC	A2436NK3	A2436NS	24x36	610x914	13	5.9
A2442NC	A2442NK3	A2442NS	24x42	610x1066	15	6.8
A2448NC	A2448NK3	A2448NS	24x48	610x1219	16	7.3
A2454NC	A2454NK3	A2454NS	24x54	610x1370	18	8.6
A2460NC	A2460NK3	A2460NS	24x60	610x1524	21	9.5
A2472NC	A2472NK3	A2472NS	24x72	610x1829	26	11.8
A3036NC			30x36	760x914	15	6.8
A3048NC			30x48	760x1219	21	9.5
A3060NC			30x60	760x1524	26 1/2	11.8
A3072NC			30x72	760x1829	31	14.0
A3636NC			36x36	914x914	18	8.2
A3648NC			36x48	914x1219	23	10.4
A3660NC			36x60	914x1524	29	13.1
A3672NC			36x72	914x1829	34 1/2	15.4



All Environments —
Metroseal 3™ with
*Microban® Antimicrobial
Product Protection

Mobile Options



Stem Casters



Dolly Trucks

NOTE: MICROBAN® protects the Metroseal 3 coating from bacteria, mold, mildew and fungi that cause odors, stains and product degradation. For Metroseal 3 shelving information see sheet #10.10A.



Replacement Parts
Each kit includes components for one original Super Adjustable or Super Adjustable shelf; (4) wedges, (4) sleeves, (4) shelf releases.

Model No. SAKITA2

SiteSelect™ Posts

STATIONARY					MOBILE					Approx. Pkd. Wt. (lbs.) (kg)
Actual Height* (in.) (mm)	Model No. Plated	Model No. Metroseal 3	Model No. Stainless	Actual Height* (in.) (mm)	Model No. Plated	Model No. Metroseal 3	Model No. Stainless			
7 3/8 187	7P	7PK3	7PS	6 3/4 171	7UP	7UPK3	7UPS	1 1/2 0.3		
14 3/8 365	13P	13PK3	13PS	13 3/4 349	13UP	13UPK3	13UPS	1 0.5		
28 3/8 720	27P	27PK3	27PS	27 3/4 704	27UP	27UPK3	27UPS	1 3/4 0.75		
34 3/8 873	33P	33PK3	33PS	33 3/4 857	33UP	33UPK3	33UPS	2 0.9		
54 7/16 1382	54P	54PK3	54PS	53 13/16 1366	54UP	54UPK3	54UPS	3 1.4		
62 7/16 1585	63P	63PK3	63PS	61 13/16 1570	63UP	63UPK3	63UPS	3 1/2 1.6		
—	—	—	—	69 3/4 1771	70UP	—	—	3 3/4 1.7		
74 1/2 1892	74P	74PK3	74PS	73 7/8 1876	74UP	74UPK3	74UPS	4 1.8		
86 1/2 2197	86P	86PK3	86PS	85 7/8 2181	86UP	86UPK3	86UPS	4 1/2 2.0		
96 1/2 2450	**96P	96PK3	96PS	—	—	—	—	5 1/2 2.5		

*Actual height for the stationary post includes the post cap and the leveling bolt completely tightened.

Important: When ordering by components remember that for maximum stability, units should be kept as wide and low as possible.

All Metro Catalog Sheets are available on our Web Site: www.metro.com



InterMetro Industries Corporation

North Washington Street, Wilkes-Barre, PA 18705
Phone: 570-825-2741 • Fax: 570-825-2852

For Product Information:
U.S. and Canada: 1-800-992-1776
Outside U.S. and Canada: www.metro.com/contactus

L02-006A
Printed in U.S.A. Rev. 2/17

Information and specifications are subject to change without notice. Please confirm at time of order.

Copyright © 2017 InterMetro Industries Corp.



Pav A Basement / Phase 2

Specification Coversheet



Description: Shelving, Wire, Stainless Steel, 60 inch

Manufacturer: InterMetro Industries Corp (800.992.1776)

Vendor: InterMetro Industries Corp (800.992.1776)

Model: Super Erecta 60x24x63 (4-Tier)

Stainless steel wire shelving unit with 4 shelves. Measures 60W x 24D x 63H (inch). Shelves can be adjusted at 1 inch (25mm) intervals along the entire length of the post. Shelf Ribs run front to back, adjustable feet, open wire design.

Atta ID: 5094-019

Alt ID:

Mfr #: (4x)2460NS/(4x)63PS

Vendor #: (4x)2460NS/(4x)63PS

CAD ID: SHL0720

Item ID:

General Product Detail

Arch Sig: No	Spatially Sig: Yes
Arch Code: 3-Movable, Non-Elect	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/O	Type: Non-Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: 60.00 in (1524 mm)	Left: N/A
Depth: 24.00 in (610 mm)	Right: N/A
Height: 62.44 in (1586 mm)	Front: N/A
Max Weight: 98 lbs (44.5 kg)	Back: N/A
Mounting: Floor	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Product and Project Item Notes

Structural Requirements

Seismic: Yes	Pre-approval:
---------------------	----------------------

Specification:

Structural:

Electrical:

Plumbing:

Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B403	Clean Work	Project	Draft (New)	13	
Central Sterile / OR Materials	A0B507	Instrument Storage	Project	Draft (New)	6	
Central Sterile / OR Materials	A0B510	Supply Storage	Project	Draft (New)	115	

Total: 134



We put space to work.

Item # _____

Job _____

Super Erecta® Shelf Wire Shelving



- **Unique Design:** The open wire design of these shelves minimizes dust accumulation and allows free circulation of air, greater visibility of stored items and greater light penetration.
- **Durable Construction:** Super Erecta shelves and posts are constructed of heavy-gauge carbon steel or Type 304 stainless steel.
- **Choice of Finishes:** Super Erecta Brite™ and chrome-plated for dry storage; Metroseal™ Epoxy (green or gray), and Type 304 stainless steel for corrosive environments; and attractive epoxy color options for merchandising applications.
- **Metroseal:** Proprietary rust-resistant finish is a durable epoxy coating over a protective zinc substrate. Metroseal contains Microban® antimicrobial product protection which continuously fights the growth of bacteria, mold, and mildew that cause stains and odors. 12-year limited warranty against rust and corrosion.
- **Versatile:** Super Erecta® Shelf wire shelving can adapt to your changing needs. By using various accessories, hundreds of shelving configurations become possible.
- **Fast, Secure Assembly:** SiteSelect® Posts have a double groove visual guide feature every 8" (203mm), circular grooves at 1" (25mm) increments, and are numbered at 2" (50mm) intervals. A patented, tapered split sleeve snaps together around each post. Tapered openings in the shelf corners slide over the tapered split sleeves providing a positive lock. Shelf is assembled in minutes without the use of any special tools.
- **Adjustability:** Shelves can be adjusted at 1" (25mm) intervals along the entire length of the post.
- **Shelf Ribs:** Run front to back, allowing you to slide items on and off shelves smoothly.
- **Shelf Accessibility:** Shelves can be loaded/unloaded easily from all sides. This open construction allows maximum use of storage cube.
- **Adjustable Feet:** Bolt levelers compensate for surface irregularities.

Note: Stainless stationary posts are equipped with stainless steel leveling feet.



Super Erecta Chrome Wire



Super Erecta with Metroseal



Gray Metroseal Epoxy Finish with Microban



Green Metroseal Epoxy Finish with Microban



InterMetro Industries Corporation
 North Washington Street, Wilkes-Barre, PA 18705
 Product Information. U.S. and Canada: 1.800.992.1776
 Outside U.S. and Canada: www.metro.com/contactus

L02-006e
Printed in U.S.A. 6/20

Information and specifications are subject to change without notice. Please confirm at time of order.

Copyright © 2020 InterMetro Industries Corp.



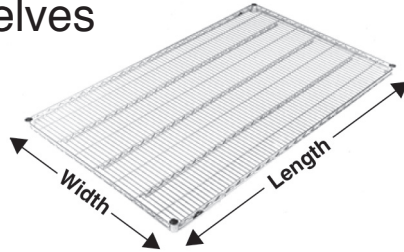
Super Erecta® Shelf Wire Shelving

10.01



Super Erecta® Shelf Wire Shelving

Wire Shelves



- See spec sheet 10.14 for epoxy color options.
- Plastic split sleeves are included with each shelf. Replacements are available: Cat. No. **9985** (bag of 4)
- Aluminum split sleeves are recommended for abusive mobile applications. Sleeves with stainless C-rings must be used for cart wash applications (exceeding 200°F/93°C) and for all autoclave applications.
Cat. No. **9986Z** (bag of 4 with zinc C-rings)
Cat. No. **9986S** (bag of 4 with stainless steel C-rings)
- Weight capacity (evenly distributed) per shelf
800 lbs. (363kg) for lengths of 18" to 48" (457 to 1219mm)
600 lbs. (272kg) for lengths of 54" (1370mm) or longer
- Weight capacity (evenly distributed) per unit. Stationary shelving units have a maximum load capacity (evenly distributed) of 2,000 lbs. (907kg). Mobile units have a maximum capacity of three times the caster load rating up to but not exceeding 1,000 lbs. (453kg) total. Consult the Metro catalog for caster load ratings.

Cat. No. Super Erecta Brite	Cat. No. Chrome	Cat. No. Metroseal Green (K3) with Microban	Cat. No. Metroseal Gray (K4) with Microban	Cat. No. Stainless	Nominal Width/Length		Approx. Pkd. Wt.	
					(in.)	(mm)	(lbs.)	(kg)
1424BR	1424NC	1424NK3	1424NK4	1424NS	14x24	355x610	5.3	2.4
1430BR	1430NC	1430NK3	1430NK4	1430NS	14x30	355x760	6.3	2.8
1436BR	1436NC	1436NK3	1436NK4	1436NS	14x36	355x914	7.5	3.4
1442BR	1442NC	1442NK3	1442NK4	1442NS	14x42	355x1066	8.3	3.8
1448BR	1448NC	1448NK3	1448NK4	1448NS	14x48	355x1219	9.4	4.3
1460BR	1460NC	1460NK3	1460NK4	1460NS	14x60	355x1524	11.8	5.4
1472BR	1472NC	1472NK3	1472NK4	1472NS	14x72	355x1829	14.4	6.5
-	1818NC	1818NK3	1818NK4	-	18x18	457x457	5.3	2.4
1824BR	1824NC	1824NK3	1824NK4	1824NS	18x24	457x610	6.1	2.7
1830BR	1830NC	1830NK3	1830NK4	1830NS	18x30	457x760	7.1	3.2
1836BR	1836NC	1836NK3	1836NK4	1836NS	18x36	457x914	8.2	3.7
1842BR	1842NC	1842NK3	1842NK4	1842NS	18x42	457x1066	9.3	4.2
1848BR	1848NC	1848NK3	1848NK4	1848NS	18x48	457x1219	10.7	4.9
1854BR	1854NC	1854NK3	1854NK4	1854NS	18x54	457x1370	11.9	5.4
1860BR	1860NC	1860NK3	1860NK4	1860NS	18x60	457x1524	13.4	6.1
1872BR	1872NC	1872NK3	1872NK4	1872NS	18x72	457x1829	14.6	6.6
2124BR	2124NC	2124NK3	2124NK4	2124NS	21x24	530x610	10.1	4.6
2130BR	2130NC	2130NK3	2130NK4	2130NS	21x30	530x760	10.5	4.8
2136BR	2136NC	2136NK3	2136NK4	2136NS	21x36	530x914	10.7	4.9
2142BR	2142NC	2142NK3	2142NK4	2142NS	21x42	530x1066	11.5	5.2
2148BR	2148NC	2148NK3	2148NK4	2148NS	21x48	530x1219	11.9	5.4
2154BR	2154NC	2154NK3	2154NK4	2154NS	21x54	530x1370	12.9	5.8
2160BR	2160NC	2160NK3	2160NK4	2160NS	21x60	530x1524	13.4	6.1
2172BR	2172NC	2172NK3	2172NK4	2172NS	21x72	530x1829	14.4	6.5
2424BR	2424NC	2424NK3	2424NK4	2424NS	24x24	610x610	6.5	3.0
2430BR	2430NC	2430NK3	2430NK4	2430NS	24x30	610x760	8.3	3.8
2436BR	2436NC	2436NK3	2436NK4	2436NS	24x36	610x914	10.1	4.6
2442BR	2442NC	2442NK3	2442NK4	2442NS	24x42	610x1066	11.9	5.4
2448BR	2448NC	2448NK3	2448NK4	2448NS	24x48	610x1219	14.2	6.4
2454BR	2454NC	2454NK3	2454NK4	2454NS	24x54	610x1370	16.1	7.3
2460BR	2460NC	2460NK3	2460NK4	2460NS	24x60	610x1524	18.0	8.2
2472BR	2472NC	2472NK3	2472NK4	2472NS	24x72	610x1829	21.4	9.7

Note: The actual length of the shelves is 1/8" (3.2mm) shorter than the nominal dimension shown. The actual depth of the shelves is 1/8" (3.2mm) greater than the nominal dimension shown.

Note: The following restrictions apply to shelving units that utilize 14" (355mm) wide shelves:
Free-standing units: Units taller than 63" (1600mm) must be properly fastened to the floor or wall using Metro foot plates or wall brackets.
Mobile units: maximum allowable post height is 54" (1370mm).

SiteSelect® Posts

Stationary Posts - Equipped with a leveling bolt to account for uneven floors.

- Height includes leveling bolt (completely tightened) and post cap. Leveling bolt can be adjusted 0.5" (13mm).
- Foot plates may be ordered separately and installed in place of leveling foot.
- Replacement leveling bolts: Zinc Cat. No. **RPF04-004**, Stainless Steel Cat. No. **RPF04-004C**
- Replacement post cap for standard posts: Black Cat. No. **RPC06-035**



SiteSelect Posts feature double grooves every 8" (203mm) to aid assembly.

Cat. No. Chrome	Cat. No. Metroseal Green (K3) with Microban	Cat. No.. Metroseal Gray (K4) with Microban	Cat. No. Stainless Steel	Actual Height		Approx. Pkd. Wt.	
				(in.)	(mm)	(lbs.)	(kg)
7P	7PK3	7PK4	-	7.375	187	0.5	0.3
13P	13PK3	13PK4	13PS	14.375	365	1	0.5
27P	27PK3	27PK4	27PS	28.375	720	1.75	0.75
33P	33PK3	33PK4	33PS	34.375	873	2	0.9
54P	54PK3	54PK4	54PS	54.4375	1382	3	1.4
63P	63PK3	63PK4	63PS	62.4375	1585	3.5	1.6
74P	74PK3	74PK4	74PS	74.5	1892	4	1.8
86P	86PK3	86PK4	86PS	86.5	2197	5	2.3
*96P	-	-	-	96.5	2450	5.5	2.5

*96P should not be used on units less than 24" (610mm) deep. Consult Metro Engineering for alternate recommendations.



Stationary Post



Post for Stem Caster

Mobile Posts (For use with Stem Casters)

- Height includes post cap.

Cat. No. Chrome	Cat. No. Metroseal Green (K3) with Microban	Cat. No. Metroseal Gray (K4) with Microban	Cat. No. Stainless Steel	Actual Height		Approx. Pkd. Wt.	
				(in.)	(mm)	(lbs.)	(kg)
13UP	13UPK3	13UPK4	13UPS	13.75	349	1	0.5
27UP	27UPK3	27UPK4	27UPS	27.75	704	1.75	0.75
33UP	33UPK3	33UPK4	33UPS	33.75	857	2	0.9
54UP	54UPK3	54UPK4	54UPS	53.8125	1366	3	1.4
63UP	63UPK3	63UPK4	63UPS	61.8125	1570	3.5	1.6
-	70UPK3	70UPK4	-	69.75	1771	3.75	1.7
74UP	74UPK3	74UPK4	74UPS	73.875	1876	4	1.8
86UP	86UPK3	86UPK4	86UPS	85.875	2181	4.5	2.0

Special Length Posts

Cut posts are available. Consult your Metro representative for more information.

Staked Posts (For use with Truck Dollies)

- Each post connects to the truck dolly through the stem receptacle. The stem receptacle is staked into the bottom of the post to ensure a durable connection in abusive mobile applications. Each includes a leveling/connecting bolt.

Cat. No. Chrome	Cat. No. Stainless Steel	Actual Height		Approx. Pkd. Wt.	
		(in.)	(mm)	(lbs.)	(kg)
54P-STKD	54PS-STKD	54.4375	1382	3	1.4
63P-STKD	63PS-STKD	62.4375	1585	3.5	1.6
74P-STKD	74PS-STKD	74.5	1892	4	1.8



Staked Post



Swaged Post

Swaged Posts (For use with Stem Casters in Cart Wash Applications)

- Each post has an aluminum cap swaged into the top of the post.

Cat. No. Stainless Steel	Actual Height		Approx. Pkd. Wt.	
	(in.)	(mm)	(lbs.)	(kg)
33UPS-SW	33.75	857	2	.9
54UPS-SW	53.8125	1366	3	1.4
63UPS-SW	61.8125	1570	3.5	1.6

Super Erecta Shelf®

Wire Shelving



We put space to work.

Super Wide Shelving

- **High-density Storage:** Super Wide shelves have a greater storage area for holding large quantities of supplies, especially large, bulky objects, providing maximum storage in minimum space.

- **Load Capacity (evenly distributed) per shelf:**

Depths: 30" and 36" (760 and 914mm)

800 lbs. (363kg) for lengths 48" (1219mm) or shorter.

600 lbs. (272kg) for lengths 54" (1370mm) or longer.

Cat. No. Chrome	Cat. No. Metroseal Green (K3) with Microban	Cat. No.. Metroseal Gray (K4) with Microban	Cat. No. Stainless Steel	Nominal Width/Length		Approx. Pkd. Wt.	
				(in.)	(mm)	(lbs.)	(kg)
3036NC	3036NK3	3036NK4	3036NS	30x36	760x914	14.2	6.4
3048NC	3048NK3	3048NK4	3048NS	30x48	760x1219	17.7	8.0
3060NC	3060NK3	3060NK4	3060NS	30x60	760x1524	20.2	9.2
3072NC	3072NK3	3072NK4	3072NS	30x72	760x1829	22.7	10.3
3636NC	3636NK3	-	3636NS	36x36	910x914	16.7	7.6
3648NC	3648NK3	-	3648NS	36x48	910x1219	21.6	9.8
3660NC	3660NK3	-	3660NS	36x60	910x1524	26.4	12.0
3672NC	3672NK3	-	3672NS	36x72	910x1829	31.6	14.3

Note: The actual length of the shelves is 1/8" (3.2mm) shorter than the nominal dimension shown. The actual depth of the shelves is 1/8" (3.2mm) greater than the nominal dimension shown.



Foot Plates

- Use to bolt units to the floor, or when a broader, more stable foot is desired. Foot plates also help to protect floors by distributing the point load of the shelving unit across a larger contact point.
- Foot plates (completely tightened) add .125" (3mm) to the specified heights of each stationary post on the table.

Zinc Cat. No. **9993Z**

Stainless Steel Cat. No. **9993S**



"S" Hook

- Used to add on shelving units with only two posts required. Order two per shelf level.

Cat. No. **9995Z**



Pav A Basement / Phase 2

Specification Coversheet



Description: Shelving, Wire, Stainless Steel, 60 inch

Manufacturer: InterMetro Industries Corp (800.992.1776)

Vendor: InterMetro Industries Corp (800.992.1776)

Model: Super Erecta - Super Adjustable 60x24x74 (4-Tier)

Stainless steel wire shelving unit with 4 shelves. Measures 60W x 24D x 74H (inch). Corner Release System for repositioning of shelves during initial assembly. SiteSelect Posts enable tool-free adjustment at 1 inch (25mm) increments along entire height of the post.

Atta ID: 5094-020

Alt ID:

Mfr #: (4x)A2460NS/(4x)74PS

Vendor #: (4x)A2460NS/(4x)74PS

CAD ID: SHL0721

Item ID:

General Product Detail

Arch Sig: No	Spatially Sig: Yes
Arch Code: 3-Movable, Non-Elect	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/O	Type: Non-Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: 60.00 in (1524 mm)	Left: N/A
Depth: 24.00 in (610 mm)	Right: N/A
Height: 74.50 in (1892 mm)	Front: N/A
Max Weight: 100 lbs (45.4 kg)	Back: N/A
Mounting: Floor	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Structural Requirements

Seismic: Yes	Pre-approval:
---------------------	----------------------

Product and Project Item Notes

- Specification:
- Structural:
- Electrical:
- Plumbing:
- Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B422	Hold Dirty	Project	Draft (New)	3	

Total: 3



Item # _____

Job _____

SUPER ADJUSTABLE™ SUPER ERECTA SHELF® WIRE SHELVING

Super Adjustable™ Super Erecta Wire Shelving is the most advanced and innovative wire storage system available.

- **Maximum Space Utilization:** The Corner Release System encourages repositioning of shelves during initial assembly to reclaim wasted vertical space. In some cases, reclaimed vertical space will allow an extra shelving tier to be added to the storage unit resulting in a 25% increase in storage capacity!
- **Easily Assembled:** The unique Corner Release System enables quick and easy repositioning of shelves during the initial set up to accommodate different package or container sizes. "Total Assembly" is complete only after the shelves are properly spaced to maximize storage. SiteSelect™ Posts, with the double-groove visual guide feature, have circular grooves at 1" (25mm) increments and are numbered at 2" (51mm) intervals to easily identify proper shelf locations.
- **Easily Adjustable:** The unique shelf design and SiteSelect™ Posts enable "tool-free", quick adjustment at 1" (25mm) increments along the entire height of the post.
- **Improved Rigidity:** An enhanced Corner Release System has made Super Adjustable™ the most rigid, easily adjustable shelving system ever.
- **Strong:** Super Adjustable™ shelves hold as much weight as traditional Super Erecta wire shelving. Stationary units hold a maximum of 2,000 lb. (910kg). Maximum weight capacity per shelf (48" [1219mm] or shorter = 800 lb. [364kg]; longer than 48" [1219mm] = 600 lb. [273kg])
- **Choice of Finishes:** Super Adjustable™ Super Erecta shelving is available in a variety of finishes: chrome-plated for dry storage; Metroseal 3™ with antimicrobial product protection and Type 304 stainless steel for corrosive environments.
- **Accessories:** Compatible with the entire system of Super Erecta shelves and accessories. See Catalog Sheets 10.04, 10.05, 10.06 for more information.



Dry Storage — Chrome



Corner Release System

Super Adjustable™ Advantage . . .



**Easy "no tool"
shelf adjustment**

**1" 25mm spacing
minimizes dead space**

**Efficient use of space
allows more storage
levels to be added.**

**Storage efficiency
can increase by
25% or more!**



*MICROBAN® and the MICROBAN® symbol are registered trademarks of the Microban Products Company, Huntersville, NC.



InterMetro Industries Corporation
North Washington Street
Wilkes-Barre, PA 18705
www.metro.com

SUPER ADJUSTABLE™ SUPER ERECTA SHELF® WIRE SHELVING



Dimensions

Super Adjustable™ Super Erecta Wire Shelving

Model No. Chrome	Model No. Metroseal 3	Model No. Stainless	Shelf Width/Length (in.) (mm)		Approx. Pkd. Wt. (lbs.) (kg)	
A1424NC	A1424NK3	A1424NS	14x24	355x610	6	2.7
A1430NC	A1430NK3	A1430NS	14x30	355x760	7	3.2
A1436NC	A1436NK3	A1436NS	14x36	355x914	8	3.6
A1442NC	A1442NK3	A1442NS	14x42	355x1066	9 1/2	4.3
A1448NC	A1448NK3	A1448NS	14x48	355x1219	10 1/2	4.7
A1460NC	A1460NK3	A1460NS	14x60	355x1524	14	6.3
A1472NC	A1472NK3	A1472NS	14x72	355x1829	17	7.7
A1824NC	A1824NK3	A1824NS	18x24	457x610	7	3.2
A1830NC	A1830NK3	A1830NS	18x30	457x760	8	3.6
A1836NC	A1836NK3	A1836NS	18x36	457x914	9 1/2	4.3
A1842NC	A1842NK3	A1842NS	18x42	457x1066	11	5.0
A1848NC	A1848NK3	A1848NS	18x48	457x1219	12	5.4
A1854NC	A1854NK3	A1854NS	18x54	457x1370	14 1/2	6.6
A1860NC	A1860NK3	A1860NS	18x60	457x1524	17	7.7
A1872NC	A1872NK3	A1872NS	18x72	457x1829	20	9.1
A2124NC	A2124NK3	A2124NS	21x24	530x610	8	3.6
A2130NC	A2130NK3	A2130NS	21x30	530x760	9	4.1
A2136NC	A2136NK3	A2136NS	21x36	530x914	11	5.0
A2142NC	A2142NK3	A2142NS	21x42	530x1066	12	5.4
A2148NC	A2148NK3	A2148NS	21x48	530x1219	14	6.4
A2154NC	A2154NK3	A2154NS	21x54	530x1370	16	7.3
A2160NC	A2160NK3	A2160NS	21x60	530x1524	18	8.2
A2172NC	A2172NK3	A2172NS	21x72	530x1829	24	10.9
A2424NC	A2424NK3	A2424NS	24x24	610x610	9	4.1
A2430NC	A2430NK3	A2430NS	24x30	610x760	11	5.0
A2436NC	A2436NK3	A2436NS	24x36	610x914	13	5.9
A2442NC	A2442NK3	A2442NS	24x42	610x1066	15	6.8
A2448NC	A2448NK3	A2448NS	24x48	610x1219	16	7.3
A2454NC	A2454NK3	A2454NS	24x54	610x1370	18	8.6
A2460NC	A2460NK3	A2460NS	24x60	610x1524	21	9.5
A2472NC	A2472NK3	A2472NS	24x72	610x1829	26	11.8
A3036NC			30x36	760x914	15	6.8
A3048NC			30x48	760x1219	21	9.5
A3060NC			30x60	760x1524	26 1/2	11.8
A3072NC			30x72	760x1829	31	14.0
A3636NC			36x36	914x914	18	8.2
A3648NC			36x48	914x1219	23	10.4
A3660NC			36x60	914x1524	29	13.1
A3672NC			36x72	914x1829	34 1/2	15.4



All Environments —
Metroseal 3™ with
*Microban® Antimicrobial
Product Protection

Mobile Options



Stem Casters



Dolly Trucks

NOTE: MICROBAN® protects the Metroseal 3 coating from bacteria, mold, mildew and fungi that cause odors, stains and product degradation. For Metroseal 3 shelving information see sheet #10.10A.



Replacement Parts

Each kit includes components for one original Super Adjustable or Super Adjustable shelf; (4) wedges, (4) sleeves, (4) shelf releases.

Model No. SAKITA2

SiteSelect™ Posts

STATIONARY					MOBILE					Approx. Pkd. Wt. (lbs.) (kg)	
Actual Height* (in.) (mm)	Model No. Plated	Model No. Metroseal 3	Model No. Stainless	Actual Height* (in.) (mm)	Model No. Plated	Model No. Metroseal 3	Model No. Stainless				
7 3/8	187	7P	7PK3	7PS	6 3/4	171	7UP	7UPK3	7UPS	1/2	0.3
14 3/8	365	13P	13PK3	13PS	13 3/4	349	13UP	13UPK3	13UPS	1	0.5
28 3/8	720	27P	27PK3	27PS	27 3/4	704	27UP	27UPK3	27UPS	1 3/4	0.75
34 3/8	873	33P	33PK3	33PS	33 3/4	857	33UP	33UPK3	33UPS	2	0.9
54 7/16	1382	54P	54PK3	54PS	53 13/16	1366	54UP	54UPK3	54UPS	3	1.4
62 7/16	1585	63P	63PK3	63PS	61 13/16	1570	63UP	63UPK3	63UPS	3 1/2	1.6
—	—	—	—	—	69 3/4	1771	70UP	—	—	3 3/4	1.7
74 1/2	1892	74P	74PK3	74PS	73 7/8	1876	74UP	74UPK3	74UPS	4	1.8
86 1/2	2197	86P	86PK3	86PS	85 7/8	2181	86UP	86UPK3	86UPS	4 1/2	2.0
96 1/2	2450	**96P	96PK3	96PS	—	—	—	—	—	5 1/2	2.5

*Actual height for the stationary post includes the post cap and the leveling bolt completely tightened.

Important: When ordering by components remember that for maximum stability, units should be kept as wide and low as possible.

All Metro Catalog Sheets are available on our Web Site: www.metro.com



InterMetro Industries Corporation

North Washington Street, Wilkes-Barre, PA 18705
Phone: 570-825-2741 • Fax: 570-825-2852

For Product Information:

U.S. and Canada: 1-800-992-1776

Outside U.S. and Canada: www.metro.com/contactus

L02-006A
Printed in U.S.A. Rev. 2/17

Information and specifications are subject to change without notice. Please confirm at time of order.

Copyright © 2017 InterMetro Industries Corp.



Pav A Basement / Phase 2

Specification Coversheet



Description: Clock, Analog, Wall

Manufacturer: Global Industrial Equipment Company ((800) 645-1232)

Vendor: Global Industrial Equipment Company ((800) 645-1232)

Model: 15' Single Sided Wall Clock [SC-55A]

Atta ID: 5177-055

Alt ID:

Mfr #: WB219103

Vendor #: WB219103

CAD ID: CLK0263

Item ID:

Wall mounted, analog clock. 15in. diameter. Features: 14" white plastic face with black numerals, a red sweep second hand and is covered in 2mm thick glass with chrome plated accent trim ring. Quartz crystal movement and is accurate to within one minute per year. Operates on a single AA battery (included).

General Product Detail

Arch Sig: Yes	Spatially Sig: No
Arch Code: 1-Fixed	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/O	Type: Non-Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: 15.00 in (381 mm)	Left: N/A
Depth: 1.00 in (25 mm)	Right: N/A
Height: 15.00 in (381 mm)	Front: N/A
Max Weight: 4 lbs (1.8 kg)	Back: N/A
Mounting: Wall	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Structural Requirements

Seismic: No	Pre-approval:
--------------------	----------------------

Product and Project Item Notes

Specification:

Operates on a single AA battery (included).

Structural:

Electrical:

Plumbing:

Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B502	Breakroom	Project	Draft (New)	1	Model is SNS4Z180Qdeleted - no longer used
Central Sterile / OR Materials	A0B514A	Confernce	Project	Draft (New)	1	Model is SNS4Z180Qdeleted - no longer used

Total: 2



Global Industrial™ 15" Wall Clock Battery Operated

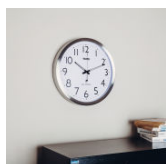
Item #: WB219103

Price: \$24.95

Save \$1.25 with 5% off† when you use your Global Industrial Credit Card.

Save 5%† Apply Now

Customers Also Viewed



Global Industrial™



Chicago Lighthouse



Global Industrial™ Wall



Global Industrial™



Duracell® Procell®

Global Industrial™ 15" Single Sided Wall Clock

Large wall clock, ideal for offices, factories, warehouses, schools and commercial facilities. Sturdy 15" diameter plastic housing has a 14" white plastic face featuring easy-to-read black numerals, a red sweep second hand and is covered in 2mm thick glass for safety and clear viewing. Clock features a long life quartz crystal movement and is accurate to within one minute per year. Operates on a single AA battery (included). Attractive chrome plated accent trim ring. 1 Year Limited Warranty.

Product Specifications

WIDTH INCHES	15
DEPTH INCHES	--
HEIGHT INCHES	15
CONSTRUCTION	Metal
DESCRIPTION	Single Sided Clock
FACE COLOR	White
MANUFACTURERS PART NUMBER	SC-55A
MECHANISM	Quartz
BRAND	Global Industrial™
STYLE	Wall Clock
ASSEMBLY	Assembled
NUMBER TYPE	Arabic/Standard

SHAPE	Round
FRAME COLOR	Silver
TYPE	Analog Clocks
MODEL	219103

Customer Review

Reviewer: **Anonymous** Date: **October 11, 2016**

 **wall clock**



Your review: looks and works great but time will tell!

Reviewer: **Anonymous** Date: **June 27, 2016**

 **Wall Clock**



Your review: We have had good success with these clocks

Reviewer: **Anonymous** Date: **December 07, 2015**

 **Clocks**



Your review: Clocks are large enough to be seen across a wide room. They work as intended.

Reviewer: **Anonymous** Date: **October 06, 2015**

 **Clocks**



Your review: Works well like the battery being included.

Reviewer: **Anonymous** Date: **September 25, 2015**

 **Wall Clock**



Your review: Excellent clock

Reviewer: **Anonymous** Date: **August 20, 2015**



Your review: needed one fair price and large numbers

Reviewer: **Anonymous** Date: **August 20, 2015**



Your review: Once clock was receive from UPS, I took clock out of box and the second hand was not on clock, it was laying on bottom. So I unscrewed the back and put it back on and later on the day it fell off again. The clock still keeps time with out the second hand so I did not put back on.

Reviewer: **Anonymous** Date: **August 19, 2015**



Your review: great large basic wall clock

Reviewer: **Anonymous** Date: **June 23, 2015**



Your review: Product looks just like the one on the site. It works beautifully. Shipping was very fast.

Reviewer: **Anonymous** Date: **May 13, 2015**



Your review: While the clock is very attractive to look at and it does work well, when it arrived it was broken. The seconds hand was laying loose inside. We took it apart and put it together correctly.

Now it looks and works great.

Accessories



Interior® Coat Tree, Silver **\$64.95**

Qty: Add

Item #: 695311



[\(2\)](#)

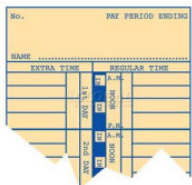


Heavy Duty Payroll Time Recorder Manual **\$250.95**

Qty: Add

Item #: 184414

Not Yet Rated



Weekly Time Cards 10-1/2"H For Use With Time Recorder **\$38.95**

Qty: Add

Item #: 184418

Not Yet Rated



Steel Suggestion Box **\$49.95**

Qty: Add

Item #: B197767



[\(5\)](#)



Nearly Natural 6' Paradise Palm Silk Tree **\$74.99**

Qty: Add

Item #: B977268

Not Yet Rated



Global Industrial™ \$19.95
Atomic Wall Clock
14" Stainless Steel

Qty: Add

Item #: 695324



[\(23\)](#)



Global Industrial™ 15" Wall Clock Battery Operated
\$24.95

Add to cart

- Product Information
- Photo/Video Gallery
- Customer Review
- Product Q&A
- Accessories



Copyright © 2020 by Global Equipment Company Inc. All Rights Reserved. **Shop With Confidence - 30 Day Satisfaction Guarantee**

Pav A Basement / Phase 2

Specification Coversheet



Description: Washer/Disinfector, Steam

Manufacturer: STERIS Corporation - Healthcare ((440) 354-2600)

Vendor: STERIS Corporation - Healthcare ((440) 354-2600)

Model: AMSCO 7053HP (480V)

Atta ID: 5241-102

Alt ID:

Mfr #: FH19-042

Vendor #: FH19-042

CAD ID: WSR0342

Item ID:

Steam heated Washer/Disinfector, 480V. Features 24 minute cycle when used with Prolystica Ultra Concentrate HP chemistries. Delivers intermediate level disinfection and conforms to ISO/AAMI 15883 Packed with value: Touch screen control, USB cycle tape download, venting options, drain discharge cool down, chemical dosing system and 180 degree reverse install are all included.

General Product Detail

Arch Sig: Yes	Spatially Sig: No
Arch Code: 1-Fixed	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/C	Type: Medical
	Green: No

Electrical Requirements

Volts: 480	Watts: 28682
Hz: 60	Amps: 34.50
Phase: 3-Phase	BTU/hr: 10963
KVA:	Ded. Circuit: Yes
Emer. Power: No	Plug Type: Hardwire

Physical Requirements

Width: 42.00 in (1067 mm)	Left: N/A
Depth: 38.00 in (965 mm)	Right: N/A
Height: 80.75 in (2051 mm)	Front: N/A
Max Weight: 1543 lbs (699.9 kg)	Back: N/A
Mounting: Floor	Top: 14.00 in (356 mm)
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: Yes	Gasses: Yes
Water - Hot: Yes	Drain: Yes
Water - Treated: Yes	Steam: Yes
Vent: Yes	Vacuum - Dental / Medical: No / No
Tech Connect: Yes	

Structural Requirements

Seismic: Yes	Pre-approval:
---------------------	----------------------

Product and Project Item Notes

Specification:

Unit can be configured as either a Vented System that exhausts chamber vapors to building exhaust system through 3.0 inch (76 mm) OD vent connection located at top of washer or as a Non-Vented Drying System where chamber vapors are exhausted through cold water condenser to facility room.

Minimum ceiling height for door removal is 94 inch (2388 mm).

Max Weight reflects operating weight with water and fully loaded.

Recommended 50 Amp Circuit.

Structural:

Electrical:

Plumbing:

Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B418	Decontamination	Project	Draft (New)	7	

Total: 7

APPLICATION

The AMSCO 7053HP Single-Chamber Washer/Disinfector with touch screen control is intended for use in the cleaning and intermediate-level disinfection of soiled reusable simple hard-surfaced rigid surgical instruments (such as forceps and clamps), utensils (such as bedpans and urinals, trays, bowl, basin, kidney dishes), rubber and plastic goods, theatre shoes and other similar and related articles found in healthcare facilities.

DESCRIPTION

The AMSCO 7053HP Single-Chamber Washer/Disinfector is a cabinet-type mechanical washer that includes:

- Color touch screen control system and visual progress indicator
- Audible warning system with adjustable volume
- Space saving, power vertical sliding doors
- Eight factory-loaded (Instruments, Orthopedic Instruments, Utensils, Plastic Goods, Rigid M.I.S., Anesthesia / Respiratory Goods, Gentle and Decontamination) and up to 20 Custom cycles. Each cycle is effective, fast, energy efficient and may be customized (within allowed range of parameters) to meet specific operating requirements
- LED status indicator lighting
- Compact space saving footprint
- Conforms to seismic building code requirements



(Typical - details may vary.)

- Patented spray arm system providing entire chamber coverage
- 180 degree reverse installable

STANDARDS

The AMSCO 7053HP Single-Chamber Washer/Disinfector complies with the following standards:

As certified by Intertek:

- CAN/CSA-C22.2 No. 61010-1, 3rd Edition (R2017)
- CAN/CSA-C22.2 No. 61010-2-040 2nd Edition Dated 07/01/2016
- UL 61010-1, 3rd Edition (2012-05-11)

The Selections Checked Below Apply To This Equipment

POWER*

- Steam-Heated Unit
- Electric-Heated Unit

VOLTAGE*

- 200 to 208 V, 60 Hz (Steam)
- 200 to 208 V, 50 Hz (Steam)
- 380 to 400 V, 60 Hz
- 380 to 415 V, 50 Hz
- 460 to 480 V, 60 Hz

LANGUAGE PACKAGE

- French (FD355)
- Spanish (FD356)
- German (FD357)
- Italian (FD358)

* Careful consideration must given to voltage selection prior to ordering. Later changes require substantial field modification.

† Refer to SD867 for Material Handling Accessories.

ACCESSORIES†

- Printer (FD094)
- Seismic Tie-Down Kit (FD354)
- Condensate Return To Drain (FD353)
- Two-Level Manifold Rack (FD105)
- Two-Level Manifold Rack with Equal Space (FD106)
- Three-Level Manifold Rack (FD107)
- Four-Level Manifold Rack (FD108)
- Five-Level Manifold Rack (FD110)
- Multi-Function Rack for Large Items (FD114)
- Multi-Function Rack for Small Items (FD115)
- General Purpose Basket (FD116)
- Self Docking Transfer Cart (FD179)
- Transfer Cart Adapter (FD209)
- Set of dry Contacts (FD362)
- Handheld Bar Code reader (FD363)
- Conductivity Probe (FD350)
- Additional Wall Flange (FD351)
- Additional Chemical Pump (FD349)
- Installation Kit – Steam (FD088)
- Installation Kit – Electric (FD037)

ACCESSORIES (CONT'D)†

- Offset Installation Air Management Kit (FD352)
- IQ-OQ-PQ Protocols (FD359)
- Machine Identifier (TBD)
- Drain Acu-CoolDown (FD361)
- ConnectAssure Technology for Data Export (JM3030)
- ProConnect® Technical Support Services (Remote Monitoring, Priority Technical Support, Customer Care Center Access, Equipment Performance Reports). Available in U.S. and Canada only. (GP09-167)

OPTIONS

- Acu-Rinse Reservoir (FD000054)
- Acu-Wash Reservoir (FD000055)
- 40-Amp Min Circuit Protection (FD000056)

Item _____

Location(s) _____

Governing Directive for the affixing of the CE mark:

- Medical Devices Directive 93/42/EEC as amended by 2007/47/EC
- Machinery Directive 2006/42/EC

Standards Applied to Demonstrate Conformity to the Directive:

- IEC 61010-1 3rd Edition (2012-05-11), EN 61326-1, 2013, IEC 61326-1 Second Edition (July 2012) and IEC 61010-2-040:2015
- EN ISO 15883-1/A1:2014, ANSI/AAMI ST15583-1:2009 and CAN/CSA Z15883-1-09 (R2104) Washer-Disinfectors – General Requirements, Definitions and Tests
- EN ISO 15883-2: 2009, ANSI/AAMI ST15583-2:2013 and CAN/CSA Z15883-2-09 (R2014) Requirements and Tests for Washer-Disinfectors Employing Thermal Disinfection for Surgical Instruments, Anesthesia Equipment, Holloware, Utensils, Glassware, etc.

SIZE (W X H X L)

Exterior dimensions:

- 42 x 80-3/4 x 38" (1067 x 2051 x 965 mm)

Interior chamber dimensions:

- 29-1/2 x 29-1/4 x 32-1/2" (749 x 743 x 826 mm)

Load height:

- 31" (787 mm) above finished floor

FEATURES

Vertical sliding power door:

- Door is constructed of double pane tempered glass to allow operator to view chamber interior with door closed.
- Color LED light illuminates top portion of each door to indicate machine status.
- Door is pneumatically activated using touch screens located on the control panel (one each side of unit) and is equipped with a built-in safety system.
- Each door is mounted on a compressed seal that reduces heat loss and increases heating capability.
- If a power failure occurs, door can be opened manually. A door interlock feature is provided to prevent cross-contamination.
- Unit can be configured in single- or double-door operation.

Stainless-steel pump is powered by a dual-speed motor. High pump speed provides equivalent capacity of a 14 hp (10.4 kW) motor, 165 U.S. gal/min at 196 ft (625 L/min at 60 m) head pressure. Low pump speed provides equivalent capacity of a 3.5 HP (2.6 kW) motor, 90 U.S. gal/min at 46 ft (341 L/min at 14 m) head pressure. Pump impeller is mounted directly on motor shaft and does not require additional bearings. Pump motor is equipped with a drip-proof frame, magnetic starter, overload protection and sealed bearings (not requiring periodic lubrication).

Pump, spray system and all recirculating piping are of **stainless-steel construction**.

Wash chamber:

- Constructed of 16-gauge, 316L stainless steel (No. 4 finish), argon-welded and polished. Chamber is of sanitary-type design (horizontal fixed surfaces are sloped, without overlapping sheet metal) for complete drainability and reducing hard-to-clean locations.

- **Single-walled, insulated construction** of chamber exterior reduces heat loss and noise level to the work area.

- **Rotary spray assemblies** are positioned (one at top and one at bottom of chamber, each measuring 24-3/8" [620 mm] long) to reach all load surfaces. Spray assemblies are easily removable without tools to aid in cleaning and maintenance.

Sump:

- Constructed of 316L stainless steel with 9.0 gal (34 L) capacity with **removable stainless-steel filter** preventing debris from entering pump and piping system.
- **Heating coil (steam or electric)** at the bottom of the wash chamber (sump) raises and maintains water temperature up to 185°F (85°C) during the Wash phase and up to 194°F (90°C) during the Thermal Rinse phase.

Chemical peristaltic injection pumps:

- Pre-Programmed cycles and pumps are optimized to use Prolystica® Ultra Concentrate (PUC) HP chemicals. Each ultra concentrated product is 10 times more concentrated than equivalent traditional product; so, 10 times less chemical is injected per cycle.
- Unit comes with one enzyme and one detergent injection peristaltic pump which automatically add a selected quantity of chemical from 1/40 to 2 oz/gal (0.2 to 16 mL/L).
- One pump is dedicated to automatically add a selected quantity of lubricant during Thermal Rinse phase.
- Pumps are positioned near chemical containers. A low-level sensor is included to indicate when detergent level is low, or when insufficient chemical is available for next cycle.
- 100' (30 m) extension tubes are included to pump chemicals from canisters installed in a remote location to unit.
- Control monitors volume of chemicals injected and indicates if this parameter meets specified criteria during all specific phases.

Top Utility Connections (except drain connections) facilitate installation. All utilities (including vent, steam, electric, water and compressed air) are connected on washer top. Top water injection gives a secure air gap of 31-1/2" (800 mm). Backflow preventers are not required for hot and pure water.

Front Service Panels provide easy access to piping, valves, electrical components and wiring. Unit can be configured as either a **Vented System** that exhausts chamber vapors to building exhaust system through 3.0" (76 mm) OD vent connection located at top of washer **or** as a **Non-Vented Drying System** where chamber vapors are exhausted through cold water condenser to facility room.

Drying System uses uniquely designed four-sided inflow drying pattern to produce high-flow air curtain. Air curtain provides broad, efficient, drying within wash chamber. Recycled and non-recycled air is manifolded and circulated through piping and

accessory providing energy efficient system while ensuring complete chamber air coverage. Fresh air is drawn through a HEPA filter. Drying system includes a 3 hp (2.2 kW) blower, to remove vapor from chamber prior to opening doors, and three electric heaters totaling 11.8 kW to heat and maintain chamber air temperature. When Acu-Drying is selected, drying time self-adjusts to meet drying time of loaded rack and items.

Pure Water Stainless-Steel Supply Valve is supplied on washer/disinfector so **Pure Water Rinse Supply** may be used with factory programmed cycles and optional Acu-Rinse Reservoir.

Drain Discharge Cool Down ensures water drained at the end of each phase, from the chamber sump to the building drain system, does not exceed 140°F (60°C). If the water temperature in sump is higher than 140°F (60°C), cold water is automatically added to reduce the temperature of the water discharged into the building drain system.

Sampling Valve is supplied in washer/disinfector recirculation piping for North American Customers that are not able to install sampling valves on facility supply lines near washer/disinfector.

Barrier Wall Kit Flanges for one wall (clean side) installation come standard. An optional kit to enclose second wall (dirty side) is also available (FD351).

Cycle Graph enables monitoring of injection volume, water circulating pressure and water temperature during a cycle. Graphs are displayed at the end of each cycle and data can be exported using https interface or USB port.

CONTROL SYSTEM

The AMSCO 7053HP Single-Chamber Washer/Disinfector is equipped with a touch screen Customer interface. This 8.4" (213 mm) color touch screen is mounted at eye level beside chamber door (both sides of unit) and tilted for better visibility, allowing easy monitoring of all wash cycles. Control system monitors and controls all phases of each programmed cycle.

The control system features:

- Cycle selection is simplified through use of icons representing devices and cycle confirmation (on-screen) to ensure correct cycle is selected.
- Service mode for preventive maintenance testing and to facilitate troubleshooting.
- Built-in service diagnostic program to permit system calibration and verification of component operations.
- Security lock-out feature that enables cycles and temperatures to be locked and unchangeable without proper access code.
- Cycle data is stored as a protection against power disruption. Data may be downloaded from controller using supplied USB ports.
- Permits operator to monitor current washer/disinfector status (including current chamber temperature, circulating pressure and time remaining in phase).
- Indicates any abnormal conditions with audible and visual alarm system.

CYCLE DESCRIPTION

ADVISORY NOTE: *STERIS does not intend, recommend or represent in any way that this AMSCO 7053HP Single-Chamber Washer/Disinfector be used for the terminal disinfection or sterilization of any regulated medical device. AMSCO 7053HP Washer/Disinfector is intended only to perform an initial step in the processing of soiled, reusable medical devices. If medical devices contact blood or compromised tissues, such devices must be terminally processed in accordance with good hospital practices before each use in human patients.*

Once treatment cycle is selected, washer/disinfector automatically processes load through standard phases (additional phases are included in certain treatment cycles depending on unit configuration) as described on Cycle Charts and in supplied Operator Manual.

AMSCO 7053HP Single-Chamber Washer/Disinfector enables Customers to use Dual Wash phase combining PUC HP enzyme and PUC HP detergent in the same filling which accelerates cycle time and reduces water consumption.

Custom cycles are available but must be validated by the Customer (not STERIS responsibility).

SAFETY FEATURES

Vertical chamber doors are equipped with an **obstruction sensor** to detect any door obstruction. If obstruction is present, door automatically opens.

The washer/disinfector is equipped with a **safety lockout feature** so a cycle cannot start unless the door is fully closed. If the door is opened during a cycle, all utility services to chamber are shut off, and the cycle stops.

Door interlock feature is provided to prevent cross-contamination. Door interlock feature allows only one door to be opened at a time whenever power is on. When the cycle is in process, door interlock prevents either door from being opened. Access to the load is then restricted.

Safety stop pushbutton(s), one on the load and one on the unload side, automatically stop all unit operation when pressed.

Building electrical supply disconnect switch must be used to shut off power to the unit before servicing.

ACCESSORIES AND OPTIONS*

Printer (FD094), if provided, produces an easy-to-read printed record of whether load was properly processed at preset temperature, as well as a complete list of alarm and abort in-cycle messages. A paper out LED is included.

* See SD867 for information on material handling accessories, including the Rigid Minimal Invasive Surgery (MIS) Rack.

Acu-Rinse Reservoir (if equipped) pre-heats Pure Water for Rinse and Thermal Rinse phases significantly reducing cycle times. Constructed of 316L stainless steel.

Acu-Wash Reservoir recovers a portion of water used in Thermal Rinse treatment and stores it for use in Wash treatment of next cycle reducing overall cycle water consumption.

Steam Condensate Return To Drain (FD353) allows for connection of steam condensate return outlet to drain when steam condensate return line is not available in building. Cold water is also injected in drain piping when condensate return water temperature is too high. Condensate return cool down keeps temperature in drain piping below 140°F (60°C).

Seismic Tie-Down Kit (FD354) includes a seismic report for proper installing and securing of washer to building floor. Unit is designed to comply with seismic building code.

Additional Chemical Pump (FD349; up to two pumps) is available, giving flexibility to wash with neutral process, alkaline process, or to vary chemical used, depending on load type.

Drain Acu-CoolDown (FD361) precisely injects correct amount of potable water into facility drain system, minimizing volume of cold water needed.

Offset Installation Air Management Kit (FD352) controls airflow at top of door assemblies.

ConnectAssure Data Export (CAT3030) exports XML cycle records from equipment to Customer tracking system.

ProConnect® Technical Support Services maximizes operational efficiencies with secure, Internet-based, real-time equipment monitoring. Data from Customer equipment is used by STERIS to provide pro-active Customer alert notifications, technical support and predictive maintenance. (ProConnect Technical Support Services is available in U.S. and Canada only.) Refer to Tech Data sheet *SD983, PROCONNECT TECHNICAL SUPPORT SERVICES*, for details.

INSTALLATION

The washer/disinfector is designed as a fully enclosed cabinet for freestanding or recessed installation. **Clearance between top of the unit and the ceiling must be at least 14" (356 mm).**

If the system is recessed through one or two barrier walls, stainless-steel barrier flanges are included to provide a finished wall appearance.

Once installed, system is designed to allow for easy access for maintenance purposes.

All configuration modifications are available upon request. Contact STERIS to receive a quotation.

PREVENTIVE MAINTENANCE

Customers are encouraged to contact STERIS concerning our annual maintenance program. Under the terms of the program, preventive maintenance, adjustments and replacement of worn parts are provided on a scheduled basis to help ensure optimal equipment performance and help minimize untimely or costly schedule interruptions. STERIS maintains a worldwide staff of well-equipped, factory-trained technicians to provide these services, as well as on-site installation, training and expert repair services. Contact STERIS for details.

NOTES

1. Machine segments (unit is bolted onto a wooden skid) are shipped in one cardboard carton (W x H x L): 50 x 91 x 48" (1270 x 2311 x 1219 mm).
2. Customer must ensure the washer/disinfector stands on a noncombustible floor (floor should be level).
3. Customer must provide utility connections with shutoff disconnects within 2' (0.6 m) of equipment perimeter and below ceiling deck or purchase Installation Kit from STERIS.
4. STERIS recommends vacuum breakers (not provided by STERIS) be installed on service lines, and disconnect switches (with lockout in OFF position; not provided by STERIS) be installed in electric supply lines near equipment.
5. For all ventilation ducting from the washer/disinfector, STERIS recommends installation of a dedicated, corrosion-proof, flexible watertight duct (3" [76 mm] OD) to the exterior of the building, sloped toward the washer/disinfector.
6. **Minimum ceiling height for door removal is 94" (2388 mm).**
7. STERIS recommends illumination of the service area along with providing a convenience outlet for maintenance.
8. Noise level of 60.6 dB; Operating weight of 1543 lb (700 kg).
9. Unit is shipped with an Operator Manual. Maintenance Manual is available for purchase.
10. ConnectAssure Data Export requires an ethernet drop and ethernet connection within 10 ft of the equipment. The Customer must supply the network cable.

UTILITY REQUIREMENTS

IMPORTANT: Refer to equipment drawing 10288794 for installation details and specifications.

For Further Information, contact:



STERIS Corporation
5960 Heisley Road
Mentor, OH 44060-1834 • USA
440-354-2600 • 800-548-4873
www.steris.com

The base language of this document is ENGLISH. Any translations must be made from the base language document.

CUSTOMER IS RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE LOCAL AND NATIONAL CODES AND REGULATIONS.

This document is intended for the exclusive use of STERIS Customers, including architects or designers. Reproduction in whole or in part by any party other than a Customer is prohibited.

Pav A Basement / Phase 2

Specification Coversheet



Description: Board, Peg, Stainless Steel

Manufacturer: STERIS Corporation - Healthcare ((440) 354-2600)

Vendor: STERIS Corporation - Healthcare ((440) 354-2600)

Model: Pegboard (CG76)

Atta ID: 5245-002

Alt ID:

Mfr #: CG76

Vendor #: CG76

CAD ID: BRD0024

Item ID:

Stainless steel pegboard for temporary storage of instruments. Designed to be used in conjunction with Steris instrument processing center. 2,937 holes for pegs spaced on 1 inch centers. 305 lb. weight capacity.

General Product Detail

Arch Sig: Yes	Spatially Sig: No
Arch Code: 1-Fixed	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/C	Type: Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: 96.00 in (2438 mm)	Left: N/A
Depth: 0.88 in (22 mm)	Right: N/A
Height: 42.00 in (1067 mm)	Front: N/A
Max Weight: 85 lbs (38.6 kg)	Back: N/A
Mounting: Wall	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Structural Requirements

Seismic: Yes	Pre-approval:
---------------------	----------------------

Product and Project Item Notes

Specification:

Mount bottom of board 40 inch from finished floor.

Screws, anchors, wall back-up supports necessary for mounting not provided by Manufacturer.

Building wall should be able to adequately support 500 lbs.

Structural:

Electrical:

Plumbing:

Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B422	Hold Dirty	Project	Draft (New)	1	

Total: 1



AMSCO® PEGBOARD AND INSTRUMENT BOARD

APPLICATION

The Amsco Pegboard and Instrument Board are for temporary storage of instruments. They are designed to be used in conjunction with the instrument processing center. (See separate literature.)

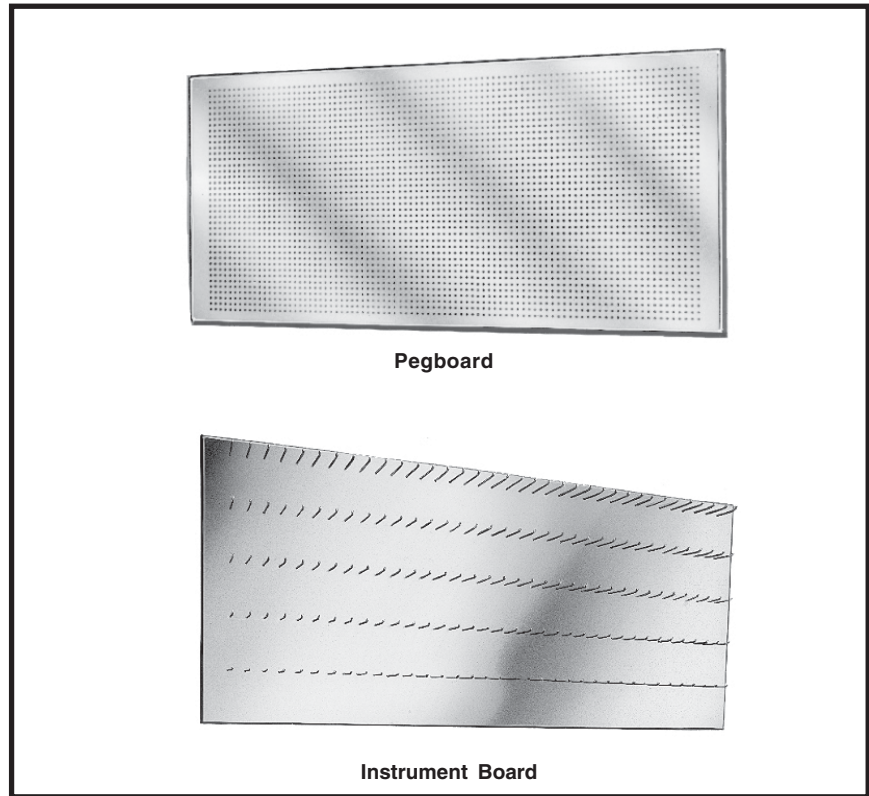
FEATURES

The boards are constructed of stainless steel.

The front of the **pegboard** has 2,937 holes for pegs, measuring 1/4" (6 mm) in diameter, evenly spaced on 1" (25 mm) centers (pegs not furnished by STERIS). The quantity and spacing of the holes allow for customized peg patterns that are required for a particular application.

The front of the **instrument board** has 180 pegs, measuring 5/16" (10 mm) in diameter, which are attached to the board with lock washers and nuts. The pegs are spaced 2-1/2" (63.5 mm) apart in horizontal rows. Vertically, the rows are spaced 8" (203 mm) from the lower edge of the board.

The top, bottom, and sides of both boards are formed, and all corners are welded for greater strength and rigidity. In addition, channel stiffeners provide intermediate support to the back of the board.



Pegboard

Instrument Board

(Typical only – some details may vary.)

MOUNTING

The boards are designed for wall mounting above a 96" (2438-mm) long counter. Four stainless steel mounting clips (furnished by STERIS) and four pre-drilled mounting holes facilitate installation of the board. The building wall (not by STERIS) must be designed to adequately support 500 lbs (227 kg). Screws, anchors, and wall back-up supports necessary for mounting the pegboard are not provided by STERIS.

ENGINEERING DATA

Weight (empty):

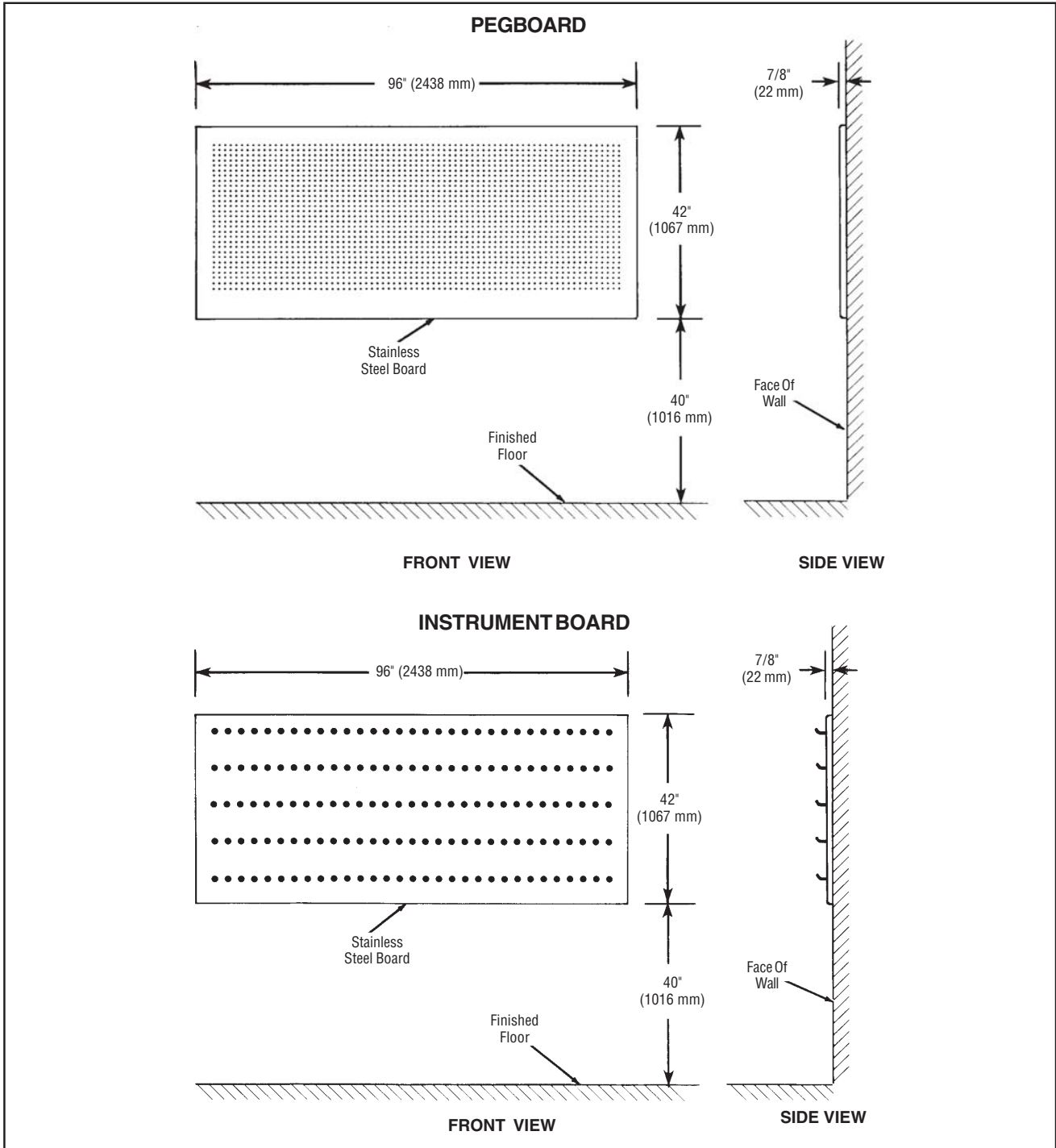
- » Pegboard – 85 lbs (38 kg)
- » Instrument Board – 110 lbs (50 kg)

Total Weight Capacity – 305 lbs (138 kg)

The Selections Checked Below Apply To This Equipment

- Pegboard without Pegs Qty: _____
- Instrument Board with Pegs Qty: _____

Item _____
 Location(s) _____



NOTE: Because of STERIS's continuing program of research and development, all specifications and descriptions are subject to change without notice. Obtain approved drawings for design, and installation.

For further information, please contact:



STERIS Corporation
 5960 Heisley Road
 Mentor, OH 44060-1834 ■ USA
 440-354-2600 ■ 800-548-4873
 www.steris.com

Pav A Basement / Phase 2

Specification Coversheet



Description: Refrigerator, Commercial, w/ Freezer

Manufacturer: Summit Appliance ((800) 932-4267)

Vendor: Summit Appliance ((800) 932-4267)

Model: BKRF18W (18 cu. ft.)

Atta ID: 5293-040

Alt ID:

Mfr #: BKRF18W

Vendor #: BKRF18W

CAD ID: REF2000

Item ID:

Commercial refrigerator with freezer. Featuring White exterior finish, 18 cubic feet capacity. NIST calibrated thermometers, high or low temperature alarms, frost-free operation, interior light, door storage, adjustable thermostat, adjustable glass shelves, crisper drawers, gallon door storage, reversible doors, sealed back, freezer shelf, ice maker ready and 100 percent CFC free. Ice maker optional.

General Product Detail

Arch Sig: Yes	Spatially Sig: No
Arch Code: 2-Movable, Elect	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/O	Type: Non-Medical
	Green: No

Electrical Requirements

Volts: 115	Watts: 690
Hz: 60	Amps: 6
Phase: Single	BTU/hr: N/A
KVA:	Ded. Circuit: Yes
Emer. Power: No	Plug Type: Type B (NEMA 5-15)

Physical Requirements

Width: 29.63 in (753 mm)	Left: 0.38 in (10 mm)
Depth: 32.13 in (816 mm)	Right: 0.38 in (10 mm)
Height: 67.63 in (1718 mm)	Front: N/A
Max Weight: 210 lbs (95.3 kg)	Back: 1.00 in (25 mm)
Mounting: Floor	Top: 0.38 in (10 mm)
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Product and Project Item Notes

Structural Requirements

Seismic: Yes	Pre-approval:
---------------------	----------------------

Specification:

Depth includes Handle.

Requires 15 amp circuit.

If unit is to be used in a Clinical Setting, Emergency Power will be required.

Cold Water required for Optional Ice Maker (order separately)

Structural:

Electrical:

Plumbing:

Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B502	Breakroom	Project	Draft (New)	1	
Total:					1	

BKRF18W



67.63" x 29.63" x 30" (H x W x D)

18 cu.ft. break room refrigerator-freezer in white with NIST calibrated alarm/thermometers

Highlights:

Perfect for break room applications

Includes NIST calibrated thermometers that provide a current and high/low temperature of the refrigerator and freezer compartments

True frost-free operation saves on maintenance by preventing icy buildup

Product Features:

NIST calibrated thermometers	Two thermometers provide an external readout of the current and high/low refrigerator and freezer temperature to the nearest tenth of a degree
High/low temperature alarms	Both thermometers include an audible alarm that can be set by the user
Frost-free operation	No-frost convenience requires no manual defrosting
Adjustable glass shelves	Rearrange refrigerator space to accommodate all sizes or remove shelves for simple cleanup
Interior light	Automatically illuminates when you open the door
Crisper drawers	Clear twin crispers with humidity control
Door storage	Keep bottles and condiments in easy reach
Gallon door storage	Lower refrigerator door shelf can hold gallon-sized containers
Adjustable thermostat	Dial thermostat located inside for easy temperature management

BKRF18W Specifications:

Overview	
Height of Cabinet	67.63" (172 cm)
Width	29.63" (75 cm)
Depth	30.0" (76 cm)
Depth with Handle	32.13" (82 cm)
Capacity	18.0 cu.ft. (510 L)
Defrost Type	Frost-Free
Door	White
Cabinet	White
US Electrical Safety	CSA
Energy Usage/Year	404.0kWh/year
Amps	6.0
Voltage/Frequency	115 V AC/60 Hz
Weight	210.0 lbs. (95 kg)
Shipping Weight	220.0 lbs. (100 kg)
Estimated Time to Ship	2 to 4 days
Parts & Labor Warranty	1 Year
Compressor Warranty	5 Years
Refrigerator-Freezer	
Door Swing	RHD
Reversible	Yes
Adjustable Shelves	Yes
Crisper Qty	2
Crisper Finish	Transparent
Crisper Cover	Glass
Interior Light	Yes
Refrigerator - Shelf Type	Glass
Refrigerator - Shelf Qty	2
Refrigerator - Full Door Shelves	3
Refrigerator - Half Door Shelves	1
Refrigerator - Temperature Range	36 to 46°F
Freezer - Shelf Type	Wire
Freezer - Shelf Qty	1
Freezer - Full Door Shelves	2
Gallon Door Storage	Yes

Thermostat Type	Dial
Fan Type	Interior
Refrigerant Type	R134a
Refrigerant Amount	4.25 oz.
High Side PSI	300.0
Low Side PSI	140.0
Freezer - Temperature Range	0 to 10°F



University of Kentucky



Pav A Basement / Phase 2 Specification Coversheet



Description: Waste Can, 20-31 Gallon
Manufacturer: Rubbermaid Commercial Products (800-347-9800)
Vendor: Grainger (800-472-4643)
Model: 3540 Slim Jim Beige (23 gal)

23 gallon, open top waste can. Beige, all plastic. Ships 4/pack.

Atta ID: 5407-002
Alt ID:
Mfr #: FG354000BEIG
Vendor #: FG354000BEIG
CAD ID: WST0109
Item ID:

General Product Detail

Arch Sig: No	Spatially Sig: No
Arch Code: 3-Movable, Non-Elect	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/O	Type: Non-Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: 20.00 in (508 mm)	Left: N/A
Depth: 11.00 in (279 mm)	Right: N/A
Height: 30.00 in (762 mm)	Front: N/A
Max Weight: 8 lbs (3.6 kg)	Back: N/A
Mounting: Floor	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Product and Project Item Notes

Structural Requirements

Seismic: No	Pre-approval:
--------------------	----------------------

- Specification:
- Structural:
- Electrical:
- Plumbing:
- Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B400	Entry/PPE	Project	Draft (New)	1	

Total: 1



Waste > Indoor Utility

3540 Slim Jim® Waste Container

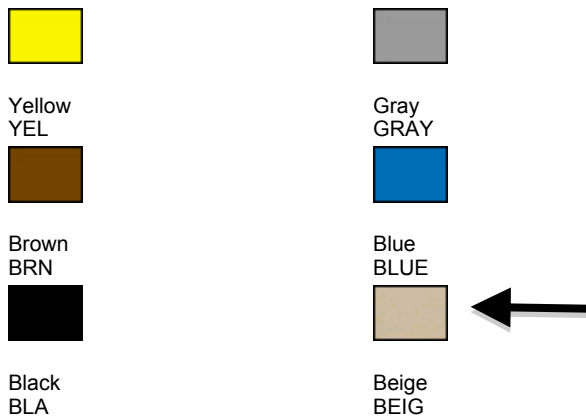


The industry standard in space-saving waste management.

- Efficient size and shape fits tight spaces.
- Durable, all-plastic construction is easy to clean and provides long life.
- Most specified containers behind bars and desk side.
- Custom imprinting available; contact Rubbermaid Customer Service at (800) 347-9800 for details.

AVAILABLE COLORS

Order #	Color	Product UPC/ UCC Code
FG354000 YEL	YEL	086876180725 / 10086876180722
FG354000 GRAY	GRAY	086876023350 / 10086876023357
FG354000 BRN	BRN	086876023343 / 10086876023340
FG354000 BLUE	BLUE	086876047561 / 10086876047568
FG354000 BLA	BLA	086876164855 / 10086876164852
FG354000 BEIG	BEIG	086876023336 / 10086876023333



SPECIFICATIONS

	U.S.	Metric
Length:	20 in	50.8 cm
Width:	11 in	27.9 cm
Height:	30 in	76.2 cm
Mass Capacity [Nom]:		
Mass Capacity [Max]:		
Volume Capacity [Nom]:	23 gal	87.1 L
Volume Capacity [Max]:		
Volume Capacity [Min]:		
Carton Length:		
Carton Width:		
Carton Height:		
Carton Cube:	6.94 ft3	0.20 m3
Ship Weight/Carton:	32.87 lb	14.91 kg

Pack Quantity: 4
Cartons Per Pallet: 8
Material: LLDPE
Process: Injection Molding

ADDITIONAL INFORMATION:

Product Sell Sheets: RCP_FS548_Slim_Jim.pdf
Chemical Resistance Guide: chem.pdf

Products in Slim Jim® Containers

Item #	Description	Length	Width	Height	Mass Capacity	Volume Capacity	Certification
200	Wall Mount Receptacle w/ Concealed Lock & Self Closing Push Doors	19 in	39 in				Americans with Disabilities Act

3542-20 Slim Jim® Combo: 3541 (1) Light Gray; 2688-88 (1) Light Gray

3540	Slim Jim® Waste Container	20 in	11 in	30 in	23 gal
3541	Slim Jim® Waste Container with Handles	23 1/8 in	11 in	24 7/8 in	15 7/8 gal

Accessories for 3540:

No.	Description
2688-88	Slim Jim® Handle Top for Slim Jim® Containers
2692-88	Slim Jim® Bottle and Can Recycling Top for Slim Jim® Containers
2703-88	Slim Jim® Paper Recycling Top for Slim Jim® Containers
3551-88	Slim Jim® Trolley for 3540, 3541 Containers
9W16	Slim Jim® Confidential Document Container Lids for 3540, 3541 Containers
2673-60	Slim Jim® Swing Lid for Slim Jim® Containers
2674	Slim Jim® Hinge Lid for Slim Jim® Containers
3553	Slim Jim® Stainless Steel Dolly for Slim Jim® Containers
9C77	Slim Caddy - Maid Caddy for WaveBrake® Mopping Trolley

3540 is an Accessory to:

No.	Description	Length	Height	Width
9T45	StockMate® ES Restocking Truck with Hinging Deck	63 in	19 1/4 in	19 1/4 in
9T50	StockMate® Restocking Truck, Standard Deck	63 in	33 5/8 in	19 1/8 in
9T79	Double Capacity Cleaning Cart	51 3/4 in	44 in	22 in
9T52	StockMate® Restocking Truck, Standard Deck with Cardboard Management System, Polyurethane Wheel and Casters	63 in	64 1/4 in	18 in
9T56	StockMate® Restocking Truck, Utility Deck, Olefin Wheels and Casters	63 in	64 1/4 in	18 in
9T72	High Capacity Cleaning Cart	49 3/4 in	38 3/8 in	21 3/4 in
9T73	Rubbermaid HYGEN™ Microfiber Cleaning Cart	48 1/4 in	44 in	22 in
9T74	Rubbermaid HYGEN™ Microfiber Cleaning Cart with Color-Coded Pails	48 1/4 in	44 in	22 in
9T75	High Security Cleaning Cart	48 1/4 in	53 1/2 in	22 in
9T76	Compact Folding Housekeeping Cart	51 3/4 in	44 in	22 in
9T77	Turndown Housekeeping Cart	38 1/4 in	44 in	22 in
9T78	High Security Housekeeping Cart	51 3/4 in	53 1/2 in	22 in
9W71	Mega BRUTE® Mobile Waste Collector - 3 Pack	52 1/2 in	42 1/2 in	27 1/2 in
9W73	Mega BRUTE® Mobile Waste Collector - 1 Pack	52 1/2 in	42 1/2 in	27 1/2 in
9T92	Triple Capacity Cleaning Cart	51 3/4 in	44 in	22 in
9T94	Deluxe Paneled Compact Housekeeping Cart	38 1/4 in	44 in	22 in
9T95	Deluxe Paneled Housekeeping Cart	51 3/4 in	53 1/2 in	22 in
256B-73	Glutton® Recycling Container	25 1/2 in	31 1/8 in	22 3/4 in

Consumables/Replacement Parts for 3540

No.	Fits	Description
5009-88	3540, 3541, 3542-20	Linear Low Density Can Liners

Work Smarter.

Rubbermaid Commercial Products, LLC
 3124 Valley Avenue, Winchester, VA 22601
www.rcpworksmarter.com

University of Kentucky



Pav A Basement / Phase 2

Specification Coversheet



Description: Waste Can, 20-31 Gallon

Manufacturer: Rubbermaid Commercial Products (800-347-9800)

Vendor: Grainger (800-472-4643)

Model: Slim Jim Vented 23 Gal/Beige

Open plastic waste can. 23-gallon capacity, beige. Features: Commercial-grade construction, Venting channels, 4 bag cinches, Molded-in handles and base grips, Nesting, Reinforced base. Custom imprinting available.

Atta ID: 5407-021

Alt ID:

Mfr #: FG354060BEIG

Vendor #: 2FTG2

CAD ID: WST0266

Item ID:

General Product Detail

Arch Sig: No	Spatially Sig: No
Arch Code: 3-Movable, Non-Elect	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/O	Type: Non-Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: 22.00 in (559 mm)	Left: N/A
Depth: 11.00 in (279 mm)	Right: N/A
Height: 30.00 in (762 mm)	Front: N/A
Max Weight: 8 lbs (3.5 kg)	Back: N/A
Mounting: Floor	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Structural Requirements

Seismic: No	Pre-approval:
--------------------	----------------------

Product and Project Item Notes

Specification:

Structural:

Electrical:

Plumbing:

Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B423	Ante	Project	Draft (New)	1	
Central Sterile / OR Materials	A0B502	Breakroom	Project	Draft (New)	1	
Central Sterile / OR Materials	A0B514A	Confernce	Project	Draft (New)	1	
Central Sterile / OR Materials	A0B421	Hold Clean	Project	Draft (New)	1	
Central Sterile / OR Materials	A0B503	Lactation	Project	Draft (New)	1	
Central Sterile / OR Materials		Lockers	Project	Draft (New)	2	
Central Sterile / OR Materials		Open Office	Project	Draft (New)	1	
Central Sterile / OR Materials	A0B505	Receiving / Breakdown	Project	Draft (New)	1	
Central Sterile / OR Materials		Toilets	Project	Draft (New)	8	

Total: 17

Slim Jim® Containers with Venting Channels

Slim Jim® Containers with venting channels deliver the most efficient solution for collection, transportation, and disposal of multi-stream waste and recyclables.

- Venting channels make removing liners up to 80% easier, improving productivity and reducing the risk of worker injury*
- Four bag cinches secure liners around the rim of the container and allow for quick, knot-free liner changes
- Handles at the base and rim of the container improve grip and control while lifting and emptying full containers
- Rim with rib-strengthened design increases strength and resists crushing
- Build a recycling station with a variety of dolly and lid options to meet any facility need
- Use Waste Stream Label Kit Version E (1977789) to ensure waste sortation accuracy. See more on page 44.



1971258

FG354060GRAY



Can Liner Cinches

Four pull-through holes and can liner cinches eliminate knot tying.



1956185

1956186

1956187

1956188

1956189

FG354060BLA

FG354060BEIG

NO.	COLOR	DESCRIPTION	U.S. DIMENSIONS	U.S. CAPACITY	U.S. SHIP WT/CTN	METRIC DIMENSIONS	METRIC CAPACITY	METRIC SHIP WT/CTN	CAN LINERS	PACK
1971258	GRAY	Slim Jim® Container with Venting Channels	22.0" l x 11.0" w x 25.0" h	16 gal	26.0 lb	55.9 cm x 27.9 cm x 63.5 cm	60.6 L	11.8 kg	5009-88A	4
1971259	BEIGE	Slim Jim® Container with Venting Channels	22.0" l x 11.0" w x 25.0" h	16 gal	26.0 lb	55.9 cm x 27.9 cm x 63.5 cm	60.6 L	11.8 kg	5009-88A	4
1956181	BROWN	Slim Jim® Container with Venting Channels	22.0" l x 11.0" w x 25.0" h	16 gal	26.0 lb	55.9 cm x 27.9 cm x 63.5 cm	60.6 L	11.8 kg	5009-88A	4
1971257	BLUE	Slim Jim® Container with Venting Channels	22.0" l x 11.0" w x 25.0" h	16 gal	26.0 lb	55.9 cm x 27.9 cm x 63.5 cm	60.6 L	11.8 kg	5009-88A	4
1955960	GREEN	Slim Jim® Container with Venting Channels	22.0" l x 11.0" w x 25.0" h	16 gal	26.0 lb	55.9 cm x 27.9 cm x 63.5 cm	60.6 L	11.8 kg	5009-88A	4
1955959	BLACK	Slim Jim® Container with Venting Channels	22.0" l x 11.0" w x 25.0" h	16 gal	26.0 lb	55.9 cm x 27.9 cm x 63.5 cm	60.6 L	11.8 kg	5009-88A	4
FG354060**	GRAY, BEIG, BLA	Slim Jim® Container with Venting Channels	22.0" l x 11.0" w x 30.0" h	23 gal	31.8 lb	55.9 cm x 27.9 cm x 76.2 cm	87.1 L	14.4 kg	5009-88A	4
1956187	BROWN	Slim Jim® Container with Venting Channels	22.0" l x 11.0" w x 30.0" h	23 gal	31.8 lb	55.9 cm x 27.9 cm x 76.2 cm	87.1 L	14.4 kg	5009-88A	4
1956185	BLUE	Slim Jim® Container with Venting Channels	22.0" l x 11.0" w x 30.0" h	23 gal	31.8 lb	55.9 cm x 27.9 cm x 76.2 cm	87.1 L	14.4 kg	5009-88A	4
1956189	RED	Slim Jim® Container with Venting Channels	22.0" l x 11.0" w x 30.0" h	23 gal	31.8 lb	55.9 cm x 27.9 cm x 76.2 cm	87.1 L	14.4 kg	5009-88A	4
1956188	YELLOW	Slim Jim® Container with Venting Channels	22.0" l x 11.0" w x 30.0" h	23 gal	31.8 lb	55.9 cm x 27.9 cm x 76.2 cm	87.1 L	14.4 kg	5009-88A	4
1956186	GREEN	Slim Jim® Container with Venting Channels	22.0" l x 11.0" w x 30.0" h	23 gal	31.8 lb	55.9 cm x 27.9 cm x 76.2 cm	87.1 L	14.4 kg	5009-88A	4
FG354007	BLUE, GRN	Slim Jim® Container with Venting Channels – Recycling	22.0" l x 11.0" w x 30.0" h	23 gal	31.8 lb	55.9 cm x 27.9 cm x 76.2 cm	87.1 L	14.4 kg	5009-88A	4

*Based on internal testing.

**Custom imprinting available; contact Rubbermaid Customer Service at (800) 347-9800 for details.

UTILITY REFUSE AND RECYCLING

DECORATIVE REFUSE

CLEANING

MATERIAL HANDLING

WASHROOM

FOODSERVICE

ACCESSORIES & INDEX

Pav A Basement / Phase 2

Specification Coversheet



Description: Cart, Case, Medium (40-49in wide)

Manufacturer: Pedigo Products, Inc ((800) 822-3501)

Vendor: Pedigo Products, Inc ((800) 822-3501)

Model: RCC-242-B

Atta ID: 5830-054

Alt ID:

Mfr #: RCC-242-B

Vendor #: RCC-242-B

CAD ID: CSC0257

Item ID:

Medium Rev-o-lu-tion enclosed surgical case cart. Features windowed double door, two total lock revolve casters and two direction lock revolve casters, 46.25 inch Width x 27.50 inch Depth x 42 inch Height overall outside dimensions cool-touch handles. Includes center mounted RCC-BH, Biohazard/Clean ID Wheel, biohazard label position, clean label position, neutral position flush to top. please see closed cart accessories page for available shelving and accessory options.

General Product Detail

Arch Sig: No	Spatially Sig: No
Arch Code: 3-Movable, Non-Elect	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/O	Type: Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: 45.50 in (1156 mm)	Left: N/A
Depth: 27.50 in (699 mm)	Right: N/A
Height: 41.50 in (1054 mm)	Front: N/A
Max Weight: 145 lbs (65.8 kg)	Back: N/A
Mounting: Floor-Mobile	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Structural Requirements

Seismic: No	Pre-approval:
--------------------	----------------------

Product and Project Item Notes

Specification:

Structural:

Electrical:

Plumbing:

Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B508	Cart Hold	Project	Draft (New)	50	

Total: 50

Industry First

- Cart doors feature polycarbonate scratch-resistant windows that allow the staff to determine the status of the cart at a glance.
- Aluminum and stainless steel construction.

Design

- Integrated body, floor and doors increases overall cart rigidity.
- Inside floor is sloped 1½° to the rear of cart to contain fluids.
- High temp, impact resistant bumper is mounted directly to the cart body to reduce overall footprint.
- Roll-out shelves with two position latch mechanism safely locks the shelf in or out.
- Cart is designed to quickly drain during cart washing to minimize residual water.

Ergonomic

- Glass-filled polymer handle system with integrated door catch mechanism.
- Polymer handle is cooler to the touch after cart washing.
- Overall weight of cart reduced.
- Horizontal mounted paddle latches.

rev • o • lu • tion™

closed surgical case cart
Covered by US Patent D707,912 S2



RCC-242-B Inside Clearance Dimensions:
23½"D x 26¾"H x 37¼"W



RCC-242-B Outside Dimensions:
27½"D x 41½"H x 45½"W (top) / 46¼"W (bottom)

Shelving Configurations

RCC-233-WS..... Wire shelf, for RCC-233-B and RCC-256-MS-B.

RCC-233-WSRO .. Roll-out wire shelf, with (2) position spring loaded shelf lock. Shelf locks in storage and fully extended position for RCC-233-B and RCC-256-MS-B.

RCC-235-WS..... Wire shelf, for RCC-235-B.

RCC-235-WSRO .. Roll-out wire shelf, with (2) position spring loaded shelf lock. Shelf locks in storage and fully extended position, for RCC-235-B.

RCC-242-WS..... Wire shelf, for RCC-242-B and RCC-245-B.

RCC-242-WSRO .. Roll-out wire shelf, with (2) position spring loaded shelf lock. Shelf locks in storage and fully extended position, for RCC-242-B and RCC-245-B.

Custom rev•o•lu•tion™ carts engineered to customer specifications available upon request.





RCC-233-B
 Overall outside dimensions:
 29"W x 27½"D x 59"H
 Usable Interior Space
 20"W x 23½"D x 44¾"H

Single door, with scratch and impact resistant clear polycarbonate windows; glass-filled polymer push handles on each end; CartStat biohazard indicator wheel; re • volve™ 6" diameter, maintenance-free, high-temp, engineered thermoplastic casters, two direction and two total lock casters.



RCC-235-B
 Overall outside dimensions:
 36"W x 27½"D x 59"H
 Usable Interior Space
 27"W x 23½"D x 44¾"H

Double door, with scratch and impact resistant clear polycarbonate windows; glass-filled polymer push handles on each end; CartStat biohazard indicator wheel; re • volve™ 6" diameter, maintenance-free, high-temp, engineered thermoplastic casters, two direction and two total lock casters.



RCC-242-B
 Overall outside dimensions:
 46¼"W x 27½"D x 42"H
 Usable Interior Space
 37¼"W x 23½"D x 27¾"H

Double door, with scratch and impact resistant clear polycarbonate windows; glass-filled polymer push handles on each end; CartStat biohazard indicator wheel; re • volve™ 6" diameter, maintenance-free, high-temp, engineered thermoplastic casters, two direction and two total lock casters.



RCC-245-B
 Overall outside dimensions:
 46¼"W x 27½"D x 59"H
 Usable Interior Space
 37¼"W x 23½"D x 44¾"H

Double door, with scratch and impact resistant clear polycarbonate windows; glass-filled polymer push handles on each end; CartStat biohazard indication wheel; re • volve™ 6" diameter, maintenance-free, high-temp, engineered thermoplastic casters, two direction and two total lock casters.



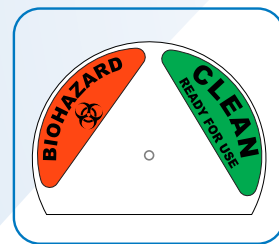
RCC-256-MS-B
 Overall outside dimensions:
 29"W x 27½"D x 42"H
 Usable Interior Space
 20"W x 23½"D x 27¾"H

Single door, with scratch and impact resistant clear polycarbonate window; glass-filled polymer push handles on each end; CartStat biohazard indicator wheel; re • volve™ 6" diameter, maintenance-free, high-temp, engineered thermoplastic casters, two direction and two total lock casters.

The rev • o • lu • tion™ closed case cart is ergonomically designed to be lightweight and easy to handle, requiring less push/pull force than standard case carts. Unique features make the cart safe and easy to use.

CartStat

Clearly communicate the contents and destination of the cart - supports staff safety and sterility. Designed for compliance with OSHA standard CFR 1910.1030, ANSI/AAMI ST 79.



Biohazard Indicator Wheel

Direction Lock

Two pedal activated swivel lock casters are located at the back side of the cart. Direction lock is integrated into the saddle of the caster allowing for upgrades or caster replacement to take place in the field. When engaged, improves the steering of the cart. Caster is bolt mounted.



Direction Lock

Total Lock

To secure the cart in a stationary position for loading and unloading of contents, engage the two Total Lock casters located at the front of the cart.



Total Lock

Ergonomic Door Latches
 Mounted horizontally.

Windowed Doors
 Rubber gasket seals windows & interior contents.

Adjustable Door Hinge
 For proper alignment.



2 Position Shelf Lock

Shelf Lock

The new two position, spring loaded arm mechanism securely locks the shelf in the extended or retracted position. With the shelf fixed in the extended position, staff can easily and safely load the cart without movement from the shelf.

Aluminum Powder-Coated Doors
 Custom high-temp, chip resistant powder-coat finish.

Floor Sloped Toward Rear

1½° slope for containment of fluid.



re • volve™ caster

The re • volve™ caster

New maintenance-free re • volve™ caster is a proprietary component of Pedigo Products, Inc. The caster is made from engineered thermoplastic. Rated to 280° Fahrenheit, this high temp caster features four precision bearings in each caster - *best in the industry*. Twin sets of precision stainless steel sealed ball bearings in the axle and swivel improves cart handling, maneuverability and reduces the overall push/pull force by 32%.

Pav A Basement / Phase 2 Specification Coversheet



Description: Cart, Case, Medium (40-49in wide)

Manufacturer: Blickman Industries ((800) 247-5070)

Vendor: Blickman Industries ((800) 247-5070)

Model: CCC2-19G

Atta ID: 5830-067

Alt ID:

Mfr #: 22933G2000

Vendor #: 22933G2000

CAD ID: CSC0288

Item ID:

Medium case cart with double-hinged glass doors swing 270 degrees. Features two full-length push handles on both ends and lightweight pull out shelf. Protective, encircling rubber bumper set in a stainless steel channel. 6 inch stainless steel casters with polyurethane wheels and one brake caster. Pan-shaped and step down bottom sloped to facilitate draining.

General Product Detail

Arch Sig: No	Spatially Sig: No
Arch Code: 3-Movable, Non-Elect	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/O	Type: Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: 42.00 in (1067 mm)	Left: N/A
Depth: 29.00 in (737 mm)	Right: N/A
Height: 40.50 in (1029 mm)	Front: N/A
Max Weight: 219 lbs (99.3 kg)	Back: N/A
Mounting: Floor-Mobile	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Structural Requirements

Seismic: No	Pre-approval:
--------------------	----------------------

Product and Project Item Notes

Specification:

Structural:

Electrical:

Plumbing:

Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B508	Cart Hold	Existing (Reuse)	Draft (Existing)	62	
Central Sterile / OR Materials	A0B418	Decontamination	Existing (Reuse)	Draft (Existing)	23	
Central Sterile / OR Materials	A0B510	Supply Storage	Project	Draft (New)	12	

Total: 97

Case Carts

Maxi to Mini

Description: Our maxi, multipurpose, and mini case carts are all 40 1/2" tall and 29" deep. They differ in their width sizes. They each come standard with one wire shelf. The maxi case cart comes with a heavy duty roller shelf, and the multipurpose and mini case carts come with a lightweight pull out shelf.

Push Handle



Maxi Cart

52"W

Good for procedures that require a larger volume of supplies such as neurosurgery and orthopedic surgery.



Multipurpose Cart

42" W

Right size for most routine surgical procedures, whether or not your facility uses a container system.



Mini Cart

29 5/8" W

Designed for labor and delivery and outpatient surgery. Wherever a smaller cart is preferred.



Name

Maxi

Multipurpose

Mini

Solid Doors

Model #	CCC1-19	CCC2-19	CCC3-19
Item #	2293331000	2293332000	2293333000
Shipping Weight	266 lbs.	225 lbs.	168 lbs.

Glass Doors

Model #	CCC1-19G	CCC2-19G	CCC3-19G
Item #	22933G1000	22933G2000	22933G3000
Shipping Weight	260 lbs.	219 lbs.	165 lbs.

Options: Drop extension topper shelves, recessed push handle, six shelving options.

Custom Designs Available Upon Request

Please email us at info@blickman.com

**Pav A Basement / Phase 2
Specification Coversheet**



Description: Cart, Utility, Stainless
Manufacturer: InterMetro Industries Corp (800.992.1776)
Vendor: InterMetro Industries Corp (800.992.1776)
Model: MW Series 24x36 (3-Shelf, Solid)

Atta ID: 5835-028
Alt ID:
Mfr #: MW208
Vendor #: MW208
CAD ID: UTC0028
Item ID:

Stainless steel utility cart with 3 solid shelves. Measures 24W x 36D x 39H (inch). Features raised ship's and 5 inches casters. Load capacity 375 lbs.

General Product Detail

Arch Sig: No	Spatially Sig: No
Arch Code: 3-Movable, Non-Elect	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/O	Type: Non-Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: 24.00 in (610 mm)	Left: N/A
Depth: 36.00 in (914 mm)	Right: N/A
Height: 39.00 in (991 mm)	Front: N/A
Max Weight: 74 lbs (33.6 kg)	Back: N/A
Mounting: Floor-Mobile	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Product and Project Item Notes

Structural Requirements

Seismic: No	Pre-approval:
--------------------	----------------------

- Specification:**
- Structural:**
- Electrical:**
- Plumbing:**
- Mechanical:**

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B418	Decontamination	Project	Draft (New)	3	
Central Sterile / OR Materials	A0B507	Instrument Storage	Project	Draft (New)	1	
Total:					4	



Item # _____

Job _____

SUPER ERECTA SHELF® MW UTILITY CARTS — Three-Shelf Models

- **Attractive** and thoroughly practical, these carts are offered as complete units, shipped knocked down, with all components packaged in a compact carton.
- **Super Erecta Shelf® Construction** makes units easy to assemble with absolute rigidity, and makes relocation of shelves quick and simple.
- **Choice of 20 Three-Shelf Models:**
 - MW200 Series** — Three stainless steel flat shelves. Five sizes. Stainless steel handles.
 - MW400 Series** — Two chrome wire shelves and one stainless steel flat shelf. Five sizes. Chrome handles. Solid shelf can be positioned top, middle or bottom.
 - MW700 Series** — Three wire shelves, choice of chrome or stainless steel. Five sizes; ten models. Handle material matches shelves.
- **Wire Shelves:** Bright, modern, sanitary appearance. Open construction minimizes dust accumulation, maximizes visibility and air circulation.
- **Solid Shelves:** Ideal for transporting materials that require an expanse of flat surface. Raised ship's edge permits fast clean-up in case of liquid spills. Double thickness of 18-gauge steel at edges also gives rigidity and high strength.
- **Casters:** Standard-duty, 4LD 4" (102mm) diameter casters on carts 18" (457mm) wide; 5LD 5" (127mm) diameter casters on carts 21" (533mm) and 24" (610mm) wide. See sheet #11.20 for additional information on casters.
- **Donut Bumpers**
- **One-Piece Handle**
- **Height:** 38" (965mm) floor to handle with 4" (102mm) casters; 39" (991mm) floor to handle with 5" (127mm) casters.
- **Replaceable Parts:** If any part of any cart is damaged by use, replacement parts are readily available and easily installed.
- **Accessories:** A wide variety are available to increase usefulness. See Catalog Sheets 10.04 and 10.05 for wire shelf accessories, 10.25 for solid shelf accessories.



MW700 Series



MW200 Series



MW400 Series

METRO
SUPER ERECTA SHELF®
Utility Carts — Three-Shelf MW200, MW400 and MW700 Series



InterMetro Industries Corporation
North Washington Street
Wilkes-Barre, PA 18705
www.metro.com

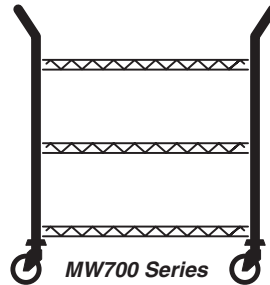
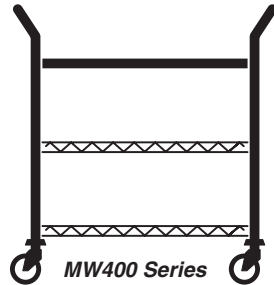


12.05



SUPER ERECTA SHELF®
MW UTILITY CARTS — Three-Shelf Models

MW Carts (Three-Shelf Models)



Dimensions

Cat. No.	Width		Length		Approx. Pkd. Wt.		Shelves	Shelf Material	Handles	Casters	
	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)				(in.)	(mm)
MW203	18	457	24	610	48	21.8	3-Solid	Stainless Steel	Stainless Steel	4	102
MW204	18	457	30	760	53	24.0	3-Solid	Stainless Steel	Stainless Steel	4	102
MW205	18	457	36	914	59	26.8	3-Solid	Stainless Steel	Stainless Steel	4	102
MW206	21	533	36	914	66	29.9	3-Solid	Stainless Steel	Stainless Steel	5	127
MW208	24	610	36	914	74*	33.6	3-Solid	Stainless Steel	Stainless Steel	5	127
MW401	18	455	24	610	43	19.5	1-Solid 2-Wire	Stainless Steel Chrome	Chrome	4	102
MW402	18	457	30	760	47	21.3	1-Solid 2-Wire	Stainless Steel Chrome	Chrome	4	102
MW403	18	457	36	914	52	23.6	1-Solid 2-Wire	Stainless Steel Chrome	Chrome	4	102
MW404	21	533	36	914	59	26.8	1-Solid 2-Wire	Stainless Steel Chrome	Chrome	5	127
MW406	24	610	36	914	65	29.5	1-Solid	Stainless Steel	Chrome	5	127
MW701	18	457	24	610	39	17.6	3-Wire	Chrome	Chrome	4	102
MW702	18	457	24	610	38	17.2	3-Wire	Stainless Steel	Stainless Steel	4	102
MW703	18	457	30	760	43	19.5	3-Wire	Chrome	Chrome	4	102
MW704	18	457	30	760	42	19.1	3-Wire	Stainless Steel	Stainless Steel	4	102
MW705	18	457	36	914	47	21.3	3-Wire	Chrome	Chrome	4	102
MW706	18	457	36	914	45	20.4	3-Wire	Stainless Steel	Stainless Steel	4	102
MW707	21	533	36	914	50	22.7	3-Wire	Chrome	Chrome	5	127
MW708	21	533	36	914	50	22.7	3-Wire	Stainless Steel	Stainless Steel	5	127
MW711	24	610	36	914	60	27.2	3-Wire	Chrome	Chrome	5	127
MW712	24	610	36	914	57	25.9	3-Wire	Stainless Steel	Stainless Steel	5	127

* Cannot be shipped UPS.

All Metro Catalog Sheets are available on our Web Site: www.metro.com



InterMetro Industries Corporation
North Washington Street, Wilkes-Barre, PA 18705
Phone: 570-825-2741
Fax: 570-825-2852

L02-055
Printed in U.S.A. Rev. 11/09

Information and specifications are subject to change without notice. Please confirm at time of order.

Copyright © 2007 InterMetro Industries Corp.

For Product Information:
U.S. and Canada: 1.800.433.2232

Latin America: 1.561.333.3824
Europe: +31.76.587.7550

Asia/Pacific: +65.6567.8003
Middle East/Africa: +971.4.811.8286

SUPER ERECTA SHELF® Utility Carts — Three-Shelf MW200, MW400 and MW700 Series

**Pav A Basement / Phase 2
Specification Coversheet**



Description: Cart, Utility, Stainless
Manufacturer: InterMetro Industries Corp (800.992.1776)
Vendor: InterMetro Industries Corp (800.992.1776)
Model: MW Series 24x36 (2-Shelf, Solid)

Atta ID: 5835-078
Alt ID:
Mfr #: MW108
Vendor #: MW108
CAD ID: UTC0073
Item ID:

Stainless steel utility cart with 2 adjustable 24 x 36 solid shelves. Measures 24W x 36D x 39H (inch). Features aluminum corner castings to secure shelves to posts, stainless steel handles on both sides, 5 inches casters & 375 lb weight capacity.

General Product Detail

Arch Sig: No	Spatially Sig: No
Arch Code: 3-Movable, Non-Elect	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/O	Type: Non-Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: 24.00 in (610 mm)	Left: N/A
Depth: 36.00 in (914 mm)	Right: N/A
Height: 39.00 in (991 mm)	Front: N/A
Max Weight: 60 lbs (27.2 kg)	Back: N/A
Mounting: Floor-Mobile	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Structural Requirements

Seismic: No	Pre-approval:
--------------------	----------------------

Product and Project Item Notes

- Specification:
- Structural:
- Electrical:
- Plumbing:
- Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials		Returns Processing	Project	Draft (New)	1	

Total: 1



Item # _____

Job _____

SUPER ERECTA SHELF® MW UTILITY CARTS — TWO-SHELF MODELS

- **Attractive** and thoroughly practical, these carts are offered as complete units, shipped knocked down, with all components packaged in a compact carton.
- **Super Erecta Shelf® Construction** makes units easy to assemble with absolute rigidity, and makes relocation of shelves quick and simple.
- **Choice of 15 Two-Shelf Models:** Three different shelf combinations, each in five to ten different models.
MW100 Series — Two stainless steel flat shelves. Five sizes. Stainless steel handles.
MW600 Series — Two wire shelves, chrome or stainless steel. Five sizes; ten models. Handle material matches shelves.
- **Wire Shelves:** Bright, modern, sanitary appearance. Open construction minimizes dust accumulation, maximizes visibility and air circulation.
- **Solid Shelves:** Ideal for transporting materials that require an expanse of flat surface. Raised ship's edge permits fast clean-up in case of liquid spills. Double thickness of 18-gauge steel at edges also gives rigidity and high strength.
- **Casters:** Standard-duty. 4LD 4" (102mm) diameter casters on carts 15½" (393mm) and 18" (457mm) wide; 5LD 5" (127mm) diameter casters on carts 21" (533mm) and 24" (610mm) wide. See sheet #11.20 for additional information on casters.
- **Donut Bumpers**
- **One-Piece Handle**
- **Height:** 38" (965mm) floor to handle with 4" (102mm) casters; 39" (990mm) floor to handle with 5" (127mm) casters.
- **Replaceable Parts:** If any part of any cart is damaged by use, replacement parts are readily available and easily installed.
- **Accessories:** A wide variety are available to increase usefulness. See Catalog Sheets 10.04 and 10.05 for wire shelf accessories, 10.25 for solid shelf accessories.



MW600 Series



MW100 Series

METRO
SUPER ERECTA SHELF®
Utility Carts — MW100 and MW600 Series



InterMetro Industries Corporation
North Washington Street
Wilkes-Barre, PA 18705
www.metro.com



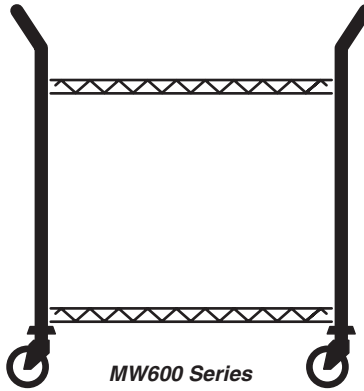
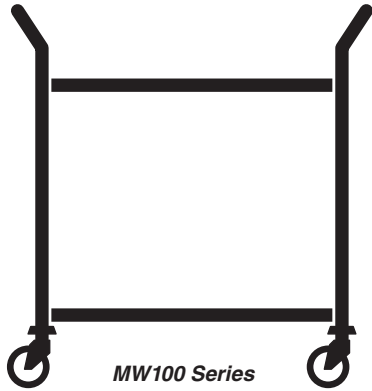
12.01

Job _____

SUPER ERECTA SHELF®
 MW UTILITY CARTS —
 TWO-SHELF MODELS



MW Carts (Two-Shelf Models)



Dimensions

Cat. No.	Width		Length		Approx. Pkd. Wt.		Shelves	Shelf Material	Handles	Casters	
	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)				(in.)	(mm)
MW103	18	457	24	610	40	18.1	2-Solid	Stainless Steel	Stainless Steel	4	102
MW104	18	457	30	760	45	20.4	2-Solid	Stainless Steel	Stainless Steel	4	102
MW105	18	457	36	914	48	21.8	2-Solid	Stainless Steel	Stainless Steel	4	102
MW106	21	533	36	914	54	24.5	2-Solid	Stainless Steel	Stainless Steel	5	127
MW108	24	610	36	914	60	27.2	2-Solid	Stainless Steel	Stainless Steel	5	127
MW601	18	457	24	610	34	15.4	2-Wire	Chrome	Chrome	4	102
MW602	18	457	24	610	34	15.4	2-Wire	Stainless Steel	Stainless Steel	4	102
MW603	18	457	30	760	37	16.8	2-Wire	Chrome	Chrome	4	102
MW604	18	457	30	760	37	16.8	2-Wire	Stainless Steel	Stainless Steel	4	102
MW605	18	457	36	914	40	18.1	2-Wire	Chrome	Chrome	4	102
MW606	18	457	36	914	39	17.7	2-Wire	Stainless Steel	Stainless Steel	4	102
MW607	21	533	36	914	44	20.0	2-Wire	Chrome	Chrome	5	127
MW608	21	533	36	914	44	20.0	2-Wire	Stainless Steel	Stainless Steel	5	127
MW611	24	610	36	914	47	21.3	2-Wire	Chrome	Chrome	5	127
MW612	24	610	36	914	46	20.9	2-Wire	Stainless Steel	Stainless Steel	5	127

Load Rating: 375 lbs. (170kg) on units with 4LD and 5LD casters.

All Metro Catalog Sheets are available on our Web Site: www.metro.com



InterMetro Industries Corporation
 North Washington Street, Wilkes-Barre, PA 18705
 Phone: 570-825-2741
 Fax: 570-825-2852

L02-054
 Printed in U.S.A. Rev. 11/09
 Information and specifications are subject to change without notice. Please confirm at time of order.
 Copyright © 2009 InterMetro Industries Corp.

For Product Information: U.S. and Canada: 1.800.433.2232 Latin America: 1.561.333.3824 Asia/Pacific: +65.6567.8003 Middle East/Africa: +971.4.811.8286 Europe: +31.76.587.7550

Pav A Basement / Phase 2 Specification Coversheet



Description: Cart, Procedure, General

Manufacturer: InterMetro Industries Corp (800.992.1776)

Vendor: InterMetro Industries Corp (800.992.1776)

Model: Flexline Standard 5-Drwr w/Passive Lock FLP22010

Procedure Cart frame with 30" of drawer space and Microban Antimicrobial protection. Key lock. Orange drawer pulls. Drawer configuration: (2) - 3-inch drawers, (2) - 6-inch drawers and (1) - 12" drawer.

Atta ID: 5863-408

Alt ID:

Mfr #: FLP22010

Vendor #: FLP22010

CAD ID: PRC1136

Item ID:

General Product Detail

Arch Sig: No	Spatially Sig: No
Arch Code: 3-Movable, Non-Elect	ADA: No
Custom Code: Unassigned	Antimicrobial: Yes
Furnish Install: O/O	Type: Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: 32.25 in (819 mm)	Left: N/A
Depth: 22.50 in (572 mm)	Right: N/A
Height: 45.25 in (1149 mm)	Front: N/A
Max Weight: 200 lbs (90.7 kg)	Back: N/A
Mounting: Floor-Mobile	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Structural Requirements

Seismic: No	Pre-approval:
--------------------	----------------------

Product and Project Item Notes

Specification:

Structural:

Electrical:

Plumbing:

Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B510	Supply Storage	Existing (Reuse)	Draft (Existing)	1	"Urology Cart"

Total: 1

Basic Carts with Drawers



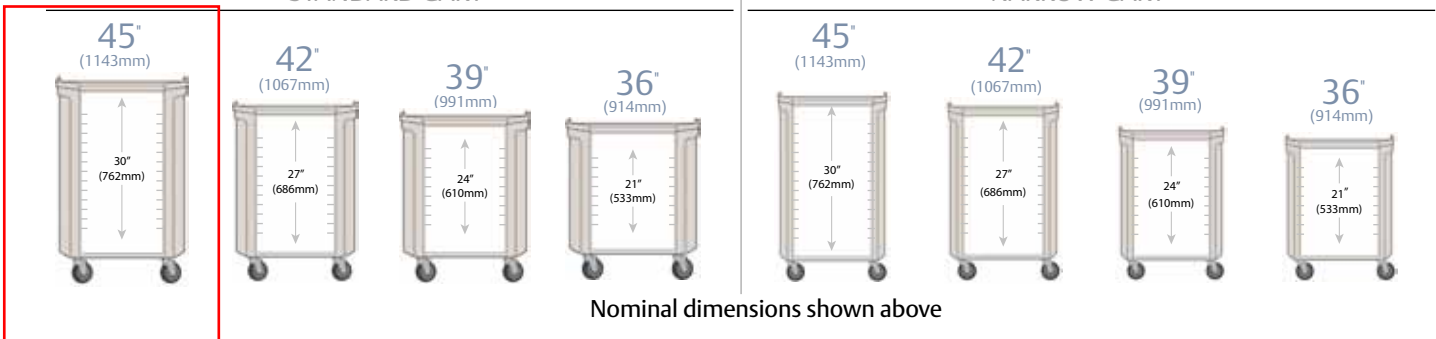
FLNK22100

Cart	Drawer Configuration	Lock	Drawer Pull Color	Cat. No.
36" (914mm)H Standard	2 - 3" (76mm)	Key Lock	Violet	FLK21100
	1 - 6" (152mm)			
	1 - 9" (229mm)			
36" (914mm)H Narrow	3 - 3" (76mm)	Key Lock	Pink	FLNK32000
	2 - 6" (152mm)			
39" (991mm)H Standard	3 - 3" (76mm)	Passive Lock	Red	FLP31100
	1 - 6" (152mm)			
	1 - 9" (229mm)			
42" (1067mm)H Narrow	2 - 3" (76mm)	Key Lock	Slate Blue	FLNK22100
	2 - 6" (152mm)			
	1 - 9" (229mm)			
42" (1067mm)H Standard	4 - 3" (76mm)	Passive Lock	Slate Blue	FLP41100
	1 - 6" (152mm)			
	1 - 9" (229mm)			
42" (1067mm)H Narrow	3 - 9" (229mm)	Key Lock	Dark Taupe	FLNK00300
45" (1143mm)H Standard	2 - 3" (76mm)	Passive Lock	Orange	FLP22010
	2 - 6" (152mm)			
	1 - 12" (305mm)			
45" (1143mm)H Narrow	1 - 3" (76mm)	Passive Lock	Green	FLNP13100
	3 - 6" (152mm)			
	1 - 9" (229mm)			

Build-a-Cart

STANDARD CART

NARROW CART



Cart Bodies without Drawers

Width/Length/Height		Drawer Space		Lock	Width	Cat. No.
(in.)	(mm)	(in.)	(mm)			
22 ³ / ₈ x 32 ¹ / ₄ x 35 ¹ / ₈	568 x 819 x 892	21	533	Passive Lock	Standard	FL21P
22 ³ / ₈ x 32 ¹ / ₄ x 38 ¹ / ₂	568 x 819 x 978	24	610	Passive Lock	Standard	FL24P
22 ³ / ₈ x 32 ¹ / ₄ x 41 ⁷ / ₈	568 x 819 x 1064	27	686	Passive Lock	Standard	FL27P
22 ³ / ₈ x 32 ¹ / ₄ x 45 ¹ / ₄	568 x 819 x 1149	30	762	Passive Lock	Standard	FL30P
22 ³ / ₈ x 28 ⁷ / ₈ x 35 ¹ / ₈	568 x 734 x 892	21	533	Passive Lock	Narrow	FLN21P
22 ³ / ₈ x 28 ⁷ / ₈ x 38 ¹ / ₂	568 x 734 x 978	24	610	Passive Lock	Narrow	FLN24P
22 ³ / ₈ x 28 ⁷ / ₈ x 41 ⁷ / ₈	568 x 734 x 1064	27	686	Passive Lock	Narrow	FLN27P
22 ³ / ₈ x 28 ⁷ / ₈ x 45 ¹ / ₄	568 x 734 x 1149	30	762	Passive Lock	Narrow	FLN30P
22 ³ / ₈ x 32 ¹ / ₄ x 35 ¹ / ₈	568 x 819 x 892	21	533	Key Lock	Standard	FL21K
22 ³ / ₈ x 32 ¹ / ₄ x 38 ¹ / ₂	568 x 819 x 978	24	610	Key Lock	Standard	FL24K
22 ³ / ₈ x 32 ¹ / ₄ x 41 ⁷ / ₈	568 x 819 x 1064	27	686	Key Lock	Standard	FL27K
22 ³ / ₈ x 32 ¹ / ₄ x 45 ¹ / ₄	568 x 819 x 1149	30	762	Key Lock	Standard	FL30K
22 ³ / ₈ x 28 ⁷ / ₈ x 35 ¹ / ₈	568 x 734 x 892	21	533	Key Lock	Narrow	FLN21K
22 ³ / ₈ x 28 ⁷ / ₈ x 38 ¹ / ₂	568 x 734 x 978	24	610	Key Lock	Narrow	FLN24K
22 ³ / ₈ x 28 ⁷ / ₈ x 41 ⁷ / ₈	568 x 734 x 1064	27	686	Key Lock	Narrow	FLN27K
22 ³ / ₈ x 28 ⁷ / ₈ x 45 ¹ / ₄	568 x 734 x 1149	30	762	Key Lock	Narrow	FLN30K



FL400-FL403



FL101



FL102

Additional Security

Description	Cat. No.
Individual Drawer Seal Lock Bar — 36" (914mm) Cart	FL400 ^F
Individual Drawer Seal Lock Bar — 39" (991mm) Cart	FL401 ^F
Individual Drawer Seal Lock Bar — 42" (1067mm) Cart	FL402 ^F
Individual Drawer Seal Lock Bar — 45" (1143mm) Cart	FL403 ^F
Basic Keyless Entry Touchpad	FL410 ^{**}
Basic Keyless Entry Touchpad with Auto Lock, Rechargeable	FL411 ^{F*}
Touchpad Charger Adapter Kit — Must use outside of North America ^{††}	FL419A ^F
Full Feature Touchpad with LCD Screen, Auto Lock, USB Port	FL420 ^{**}
Full Feature Touchpad with LCD Screen, Auto Lock, Wireless	FL420W ^{**}
Cart Management System Software – USB, Local	FL421 [†]
Cart Management System Software – Network, Wireless	FL422 [†]
Proximity Card Reader for FL420/FL420W	FL430 ^{***}
Bar Code Card Reader for FL420/FL420W	FL431 ^{F**}
Magnetic Card Reader for FL420/FL420W	FL432 ^{F**}

^FMust be factory installed.
^{*}FL410, FL411, FL420 can only be ordered with a key locking cart.
^{**}Readers may not be compatible with all cards. Sample card is required. Contact your Metro representative.
[†]Available in U.S. and Canada only.

Drawer, Shelf and Keyboard Shelf

Description	Cat. No.
Lockable Drawer Cover	FL100 ^F
3" (76mm) Pull Out Shelf	FL101
3" (76mm) Keyboard Tray	FL102 ^F
3" (76mm) Individual Electronic Locking Drawer for Narcotic Storage	FL103KL ^F
3" (76mm) Individual Key Locking Drawer for Narcotic Storage	FL103EL ^F
3" (76mm) Drawer (No Drawer Pull)	FL103
6" (152mm) Drawer (No Drawer Pull)	FL106
9" (229mm) Drawer (No Drawer Pull)	FL109
12" (305mm) Drawer (No Drawer Pull)	FL112
Solid Bottom Shelf	FL120
Pediatric Code Response Drawer Pull Color Kit	FL-PED9 ^{**}

^FMust be factory installed.
^{*}Inside Drawer Dimensions — 20 1/4" W x 17" D. Heights: 2 1/4", 5 1/4", 8 1/4", 11 1/4".
[†]Available in U.S. and Canada only.

Drawer Pulls Colors

Description	Cat. No.	Description	Cat. No.
Drawer Pull — Cobalt	FL-CB	Drawer Pull — Slate Blue	FL-SB
Drawer Pull — Red	FL-RD	Drawer Pull — Violet	FL-VL
Drawer Pull — Orange	FL-OR	Drawer Pull — Pink	FL-PK
Drawer Pull — Green	FL-GR	Drawer Pull — White	FL-WHT
Drawer Pull — Yellow	FL-YL	Drawer Pull — Dark Taupe	FL-TPE



Lock Alert™ Touchpad Options

FL410 — Basic Keyless Entry Touchpad

- No display touch pad that provides keyless entry, no auto relock
- No recharge required Battery is non-rechargeable, but replaceable
- Holds 1 user, 1 supervisor, 1 setup code
- Similar functionality as provided by mechanical locks

FL411 — Basic Keyless Touchpad with Auto Relock

- Offers same options as FL410 with the addition of auto-relock mechanism that includes rechargeable batteries and charger

FL420 — Full Feature Touchpad with USB

- USB port for PC upload & download
- LCD screen provides easy programming
- Optional 10 readers (proximity, magnetic, bar code)
- Low battery indicator - charge rechargeable batteries once a week for 6-8 hours
- Holds 1,998 user codes and 2,000 CS codes
- Separate controlled substance (CS) security for carts with optional keyless narcotic drawers
- Auto-relock with adjustable time (10-99 seconds or 1-99 minutes)
- Software packages that manages users. Configurations and views audit logs.

FL420W — Full Feature Touchpad with Wireless

- Offers same solutions as the FL420 USB Full Feature Touchpad with the addition of secure wireless, remote connectivity

Cart Management System Software

FL421 — Cart Management System — USB, Local

Cart Management System USB software connects via USB and manages user 10's and views audit logs. Allows for tracing and tracking cart access errors

FL422 — Cart Management System — Wireless

Cart Management System Wireless Software, is an application that communicates through a facility's network to centrally manage user ID's and configurations.



FL410
FL411



FL420
FL420W





FL151



FL159



FL190 (Label not included)

Drawer Accessories

Description	Cat. No.
Divider Clip to Attach Loose Short Divider-end to Long Divider, 1 per Short Divider (Qty. 2)	T-CLIP
3" (76mm) Drawer Divider Kit (3 Long, 5 Short, 6 T-Clips)	FL113
Short Divider for LEC103 or FL103 5 Pack 6 ⁷ / ₈ " L (175mm)	FL114
Long Divider for LEC103 or FL103 2 Pack 17 ¹ / ₄ " L (437mm)	FL115
6/9" (152/229mm) Drawer Divider Kit (2 Long, 5 Short)	FL116
Short Divider for LEC106 or FL106 5 Pack 8" L (205mm)	FL117
Long Divider for LEC106 or FL106 2 Pack 17 ¹ / ₄ " L (437mm)	FL118
Ampule Insert and 12 Divider for Top Cavity or 3" (76mm) Drawer Tray 15 ³ / ₄ " x 4 ⁷ / ₈ " (400 x 124mm)	FL131
Divider for FL131, 12 Pack 5" L (125mm)	FL132
3" (76mm) Egg Crate-Style Drawer Divider Kit (Qty. 10 Vertical, 5 Horizontal)	FL141
6" (152mm) Egg Crate-Style Drawer Divider Kit (Qty. 10 Vertical, 5 Horizontal)	FL142
Short Divider for FL141 — Qty. 5 each 10" L (256mm)	FL143
Long Divider for FL141 — Qty. 5 each 17 ¹ / ₈ " L (436mm)	FL144
Short Divider for FL142 — Qty. 5 each 10" L (256mm)	FL145
Long Divider for FL142 — Qty. 5 each 17 ¹ / ₈ " L (436mm)	FL146
3" (76mm) Drawer Tray Approx. 20" x 16" (508 x 381mm) with 6 Dividers	FL151
4 Short, 2 Long, Sheet of Blank Labels, 5 Security Bags	
Lid for 3" and 6" (76mm and 152mm) Drawer Tray (Fits FL151 and FL159)	FL158
6" (152mm) Drawer Tray Approx. 19" x 15" (483 x 381mm) with Dividers	FL159
6 Short, 2 Long, 5 Security Bags	
Long Divider Rails for LEC143 or FL151 2 Pack 15 ¹ / ₂ " L (394mm)	FL163
Short Divider for LEC143 or FL151 10 Pack 6 ⁷ / ₈ " L (175mm)	FL164
Long Divider for FL159 (2 Pack) 14 ³ / ₄ " L (375mm)	FL166
Short Divider for FL159 (3 Pack) 8" L (205mm)	FL167
Security Bags for 3" (76mm) Tray and 6" (152mm) Tray 20 Pack	FL183
Label Holder Set of 10 13 ⁵ / ₈ " L (346mm)	FL190



FL237



FL235



FL236, FL221



FL212

Side/Recessed Storage Accessories

Description	Cat. No.
Side Bin (1) — Locking 4 ¹ / ₂ " x 16 ³ / ₄ " x 8 ¹ / ₂ " (117 x 426 x 216mm)	FL211**
Side Bin (1) — Non-Locking 4 ¹ / ₂ " x 16 ³ / ₄ " x 8 ¹ / ₂ " (117 x 426 x 216mm)	FL212
Waste Basket 28 Quart and Holder 14 ¹ / ₂ " x 10 ⁷ / ₈ " x 15 ³ / ₈ " (370 x 275 x 390mm)	FL221
Waste Basket 28 Quart	FL222
Bracket with Velcro for Waste Basket or Large Sharps Container	FL223
O ₂ Tank Holder — All Size Carts — 5 ¹ / ₂ " (140mm) Diameter Tank	FL234-5
O ₂ Tank Holder — All Size Carts — 4" (102mm) Diameter Tank	FL234
O ₂ Tank Holder — 45" (1140mm)H Cart — 5 ¹ / ₂ " (140mm) Diameter Tank	FL235-5
9 ³ / ₈ " x 5 ¹ / ₂ " x 19 ¹ / ₄ " (238 x 144 x 489mm)	
O ₂ Tank Holder — 45" (1140mm)H Cart — 4" (102mm) Diameter Tank	FL235
9 ³ / ₈ " x 6 ³ / ₄ " x 19 ¹ / ₄ " (238 x 172 x 489mm)	
Glove Box Holder — Single 4" x 10 ¹ / ₈ " x 6 ³ / ₈ " (101 x 258 x 162mm)	FL236
Glove Box Holder — Triple 4" x 10 ¹ / ₈ " x 18 ³ / ₈ " (101 x 258 x 466mm)	FL237
Scope Cabinet, 2 — Hook 10 ³ / ₈ " x 9" x 48" (264 x 229 x 1219mm)	FL245**
Scope Cabinet, 4 — Hook 10 ³ / ₈ " x 16" x 48" (264 x 406 x 1219mm)	FL246**
Sharps Container Bracket with Velcro® Straps — Non-Locking 9 ¹ / ₂ " x 3 ¹ / ₄ " x 9 ⁵ / ₁₆ " (241 x 83 x 237mm)	FL250
Lockable Sharps Container 4 ³ / ₄ " x 13" x 19 ⁷ / ₈ " (with Glove Box) x 11 ³ / ₈ " (without Glove Box)	FL251
(121 x 330 x 505 or 302mm)	
Replacement Containers for FL251 — 20 5 Qt. containers	FL252
Side Mounted Chart Holder 4 ¹ / ₄ " x 11 ¹ / ₂ " x 9 ¹ / ₄ " (120x292x235mm)	FL576

*Locking bins for keylock cart are available on the right. Locking bins for the passive lock cart are available on the left.

**Must be factory installed prior to shipment.

**For use on 45" H (1143mm) carts only.



FL303



FL314



LEC304, FL315

Cart Accessories



FL310



FL515, FL544



FL510, FL546, FL544



FL510, FL583, FL581, FL582, FL586

Description	Cat. No.
Rear Accessory Mount Brackets — 1 Pair	FL301 ^F
Cord Manager 1/2" x 21 3/4" x 1 1/4" (13 x 554 x 31mm)	FL302
Defibrillator Strap Kit	FL303
Adjustable Defibrillator Tray 8 1/8"-14 1/4" x 14 1/2" (206-362 x 368mm)	LEC304
Medical Grade 4-Outlet Strip, 120V 15A, UL60601-01, 10' Cord, Cord Wrap	FL305-4US
Universal 6 Outlet Power Strip, 250 V 13A, CE, ROHS, 6' (183cm) Cord, Cord Wrap	See Below
Suction Pump Shelf 12 1/2" x 15 1/4" x 4 1/4" (320 x 384 x 108mm)	LEC306
Backboard with Front and Rear Assembly Kit	LEC307 ^F
Backboard with Front Assembly Kit	LEC308 ^F
Backboard with Back Assembly Kit	LEC309 ^F
Backboard with Rear Assembly Kit for use with an Overbridge	FL309-OB
Backboard with Back Assembly Kit for 36"H (914mm) FL21 Series Cart	FL309-21 ^{F†}
Backboard with Rear Assembly Kit for use with 36"H FL621 Series Cart with Overbridge	FL309-21OB
Articulating Arm — Laptop (1-14 lbs.)	FL310
Articulating Arm — Tablet (1-14 lbs.)	FL311
Articulating Arm — Monitor (7.5-25 lbs.)	FL318
Peel Pouch Container 3" x 6" x 18 1/4" (78 x 154 x 461mm)	FL312
Peel Pouch/Catheter Holder 3" x 6" x 27 3/8" (78 x 154 x 695mm)	FL313
Pull Out Side Shelf 12 1/2" x 30 1/2" x 3/8" (322 x 775 x 10mm)	FL314 ^F
2HK I.V. Pole with Cart Mount 1/2" x 9 1/8" x 37" (max.)*-25 1/4" (min.)* (38 x 232 x 940-640mm)	FL315
4HK I.V. Pole with Cart Mount 5" x 7 1/8" x 37" (max.)*-25 1/4" (min.)* (127 x 183 x 940-640mm)	FL317
I.V. Pole-mounted Sharp Brackets	LEC9800
Plastic Security Seals 100 Pack	LEC320
Backboard 24"L x 24"H x 5/16" (610 x 610 x 8mm)	LEC323

^FMust be factory installed.

*Max., Min. in relation to cart top.

†Must be ordered on a 36"H (914mm) cart to accommodate I.V. pole, defibrillator arm, articulating arm or outlet strip.

Overbridges and Overbridge Accessories

Description	Cat. No.
Overbridge with Computer/Monitor Mounting Kit	FL505
Overbridge with 2 Hanger Rails 1 1/4" x 26 1/8" x 19 7/8"-25 1/2" (32 x 665 x 504-649mm)	FL510
Overbridge with Top Shelf and Hanger Rail	FL515
Overbridge with 2 Shelves	FL520
Tilt Bin 3 for Overbridge — 9 1/2" (241mm)H x 7 3/4" (197mm)W x 23 3/4" (600mm)L	FL543
Tilt Bin 6 for Overbridge — 4 1/2" (114mm)H x 3 1/4" (92mm)W x 23 3/4" (600mm)L	FL546
Hanger Rail	FL550
Overbridge Bottom Shelf 14 1/2" x 31" (368 x 787mm)	FL559
Overbridge Top Shelf 14 1/2" x 31" (368 x 787mm)	FL560
2HK I.V. Pole With Universal Clamp — for Overbridge	FL563
4HK I.V. Pole With Universal Clamp — for Overbridge 9 1/8" x 28 1/4" x 19 7/8"-25 1/2" (232 x 718 x 504-649mm)	FL566
Universal Clamp	FL570
Short Utility Hook 4 Pack (Holds Peel Pouches, I.V. Bags, Stethoscopes, etc.)	FL571*
4-Hook Rack (Holds Forceps and Scopes) 3 7/8" x 11" x 6" (98 x 282 x 151mm)	FL574
Laryngoscope Blade/Specimen Bag Holder (Holds Plastic Bag — Not Included — for Safe Storage of Contaminated Items) 3 3/4" x 7 1/2" x 5 1/8" (95 x 192 x 130mm)	FL575*
Chart Holder 4 3/4" x 11 1/2" x 9 1/4" (120 x 292 x 235mm)	FL576
Half-Size Utility Bin — 5 1/2" (140mm)H x 5 1/2" (140mm)W x 5 3/4" (146mm)L	FL581
Full-Size Utility Bin — 5 1/2" (140mm)H x 5 1/2" (140mm)W x 11 3/4" (292mm)L	FL582
Label/Tape Dispenser	FL583
Sharps Bracket Container	FL584*
Wire Supply Basket — 5" (127mm)H x 7" (178mm)W x 17" (432mm)L	FL585
Utility Bin with Cover (Pack of Six)	FL586
Monitor Mounts for Overbridge with Bracket for Overbridge	FL590

*Fits on universal clamp in addition to a hanger rail.

To configure a Flexline cart to your exact specifications, please visit www.metroconfigurator.com

Pav A Basement / Phase 2
Specification Coversheet



Description: Dispenser, Soap, Wall Mount
Manufacturer: GOJO Industries (800.321.9647)
Vendor: GOJO Industries (800.321.9647)
Model: Provon FMX-12/1250mL (5160-06)

Atta ID: 5868-013
Alt ID:
Mfr #: 5160-06
Vendor #: 5160-06
CAD ID: DSP0030
Item ID:

Wall mounted soap dispenser. Holds 1250 mL sealed refill. Skylight with extra-large site window. ADA compliant for one hand push operation. Optional key lock. Ships 6/case.
 **Can be purchased through Distributor or provided free-of-charge with purchase of refills.

General Product Detail

Arch Sig: Yes	Spatially Sig: No
Arch Code: 1-Fixed	ADA: Yes
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/C	Type: Non-Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: 6.16 in (156 mm)	Left: N/A
Depth: 5.09 in (129 mm)	Right: N/A
Height: 9.79 in (249 mm)	Front: N/A
Max Weight: 1 lbs (0.5 kg)	Back: N/A
Mounting: Wall	Top: N/A
	Bottom: 10.00 in (254 mm)

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Structural Requirements

Seismic: No	Pre-approval:
--------------------	----------------------

Product and Project Item Notes

Specification:
 Mounts with adhesive strips (included) or screws (not included).

Ships 6/case.

Requires 10" (25.4 cm) clearance from bottom of dispenser to surface.

Structural:

Electrical:

Plumbing:

Mechanical:

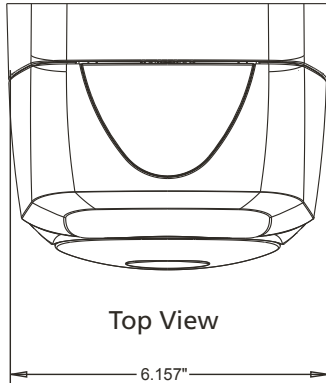
Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B423	Ante	Project	Draft (New)	1	
Central Sterile / OR Materials	A0B502	Breakroom	Project	Draft (New)	1	
Central Sterile / OR Materials	A0B425	Drop/Doffing	Project	Draft (New)	1	
Central Sterile / OR Materials	A0B421	Hold Clean	Project	Draft (New)	1	
Central Sterile / OR Materials	A0B503	Lactation	Project	Draft (New)	1	
Central Sterile / OR Materials		Toilets	Project	Draft (New)	8	

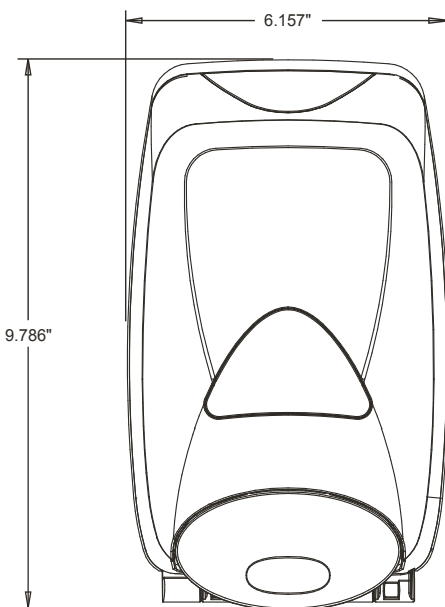
Total: 13

GOJO FMX-12™ DISPENSER DIMENSIONS

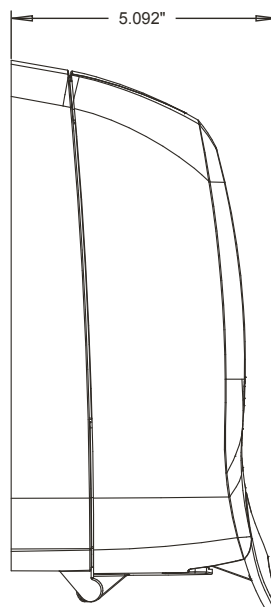
These dimensions apply to GOJO®, PURELL®, PROVON® and MICRELL® brand FMX-12 dispensers.



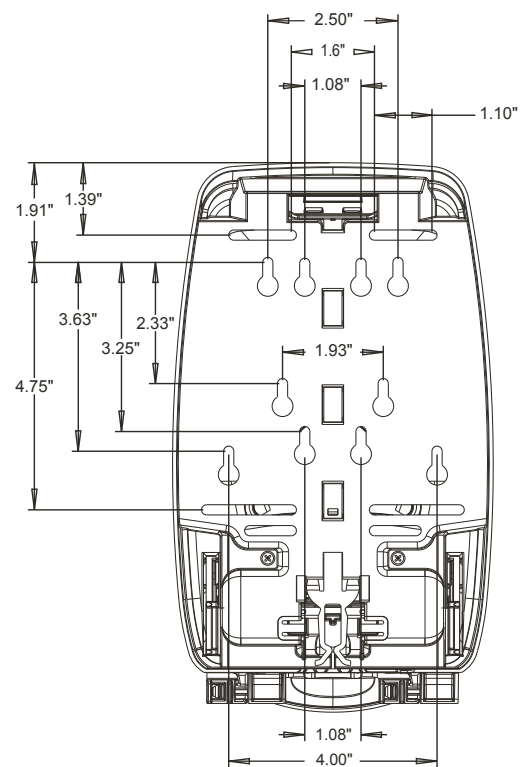
Use the dimensions provided to ensure adequate wall spacing and clearance for the unit.



Front View



Side View



Back View



GOJO Industries, Inc.
One GOJO Plaza, Suite 500
P.O. Box 991 • Akron, OH 44309-0991
Tel: 1-330-255-6000 • Toll-free: 1-800-321-9647
Fax: 1-800-FAX-GOJO

Pav A Basement / Phase 2

Specification Coversheet



Description: Board, White, Dry Erase
Manufacturer: Quartet GBC / ACCO Brands (800-541-0094)
Vendor: Quartet GBC / ACCO Brands (800-541-0094)
Model: Prestige 2 Total Erase w/ Aluminum Frame (36' x 24')

Atta ID: 5873-064
Alt ID:
Mfr #: TE543AP2
Vendor #: TE543AP2
CAD ID: BRD0363
Item ID:

Dry erase whiteboard. Features Total Erase whiteboard surface, silver aluminum frame, lightly printed grid pattern. Includes marker tray and dry-erase marker. Pass-thru mounting.

General Product Detail

Arch Sig: Yes	Spatially Sig: No
Arch Code: 1-Fixed	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/C	Type: Non-Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: 36.00 in (914 mm)	Left: N/A
Depth: 1.50 in (38 mm)	Right: N/A
Height: 24.00 in (610 mm)	Front: N/A
Max Weight: 10 lbs (4.6 kg)	Back: N/A
Mounting: Wall	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Product and Project Item Notes

Structural Requirements

Seismic: No	Pre-approval:
--------------------	----------------------

- Specification:
- Structural:
- Electrical:
- Plumbing:
- Mechanical:

Location

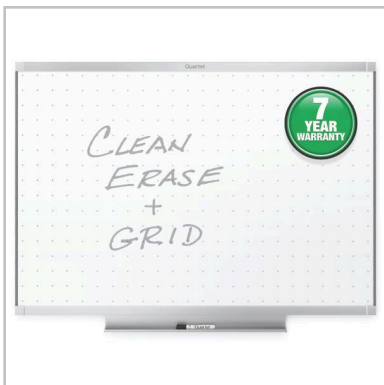
Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B403	Clean Work	Project	Draft (New)	1	
Central Sterile / OR Materials	A0B511	Supply	Project	Draft (New)	1	
Central Sterile / OR Materials	A0B510	Supply Storage	Project	Draft (New)	2	

Total: 4

Quartet® Prestige® 2 Total Erase® Whiteboard, 3' x 2', Aluminum Frame

Count on a clean surface.

TE543AP2



Each information

Depth	1.5"
Width	40.25"
Height	26"
Gross weight	10.15lbs
UPC#	034138201619
Unit quantity	1

Product Description

The stain and ghost resistant surface of a Total Erase® whiteboard consistently performs like new. Place in any moderate use space and enjoy the benefits of smooth, even writing. Plus, the unique Prestige® 2 frame allows you to add on Quartet® Prestige 2 Connects™ accessories. This board is everything you need for effective idea generation and messaging.

Features

- Total Erase® whiteboard with 7 year warranty has a durable surface that resists ghosting and staining
- Best suited for moderate use in spaces with regular traffic
- Erases cleanly and will remain pristine with only occasional maintenance

Specifications

- **Detailed Color** White
- **Frame Finish** Silver Aluminum
- **Mounting Hardware Type** Pass-through
- **Orientation** Horizontal
- **Period of Warranty** 7 years
- **Standard Board Size** 3' x 2'
- **Usage** Personal Office - Moderate to heavy use
- **Use Frequency** Moderate Use

Case information

Depth	40.25"
Width	26"
Height	1.5"
Gross weight	10.15lbs
UPC#	034138201619
Unit quantity	1

Other information

- **Dimensions** 3' x 2'

Shipping Information

Country of origin	US
Minimum Order Quantity	1
Lowest possible unit	Each

General information

Color	Unknown
Layer/Pallet	31
Cases/Layer	2

Pav A Basement / Phase 2 Specification Coversheet



Description: Table, Instrument, Assembly

Manufacturer: STERIS Corporation - Healthcare ((440) 354-2600)

Vendor: STERIS Corporation - Healthcare ((440) 354-2600)

Model: AMSCO Prep & Pack Electric (PREP54)

Instrument Prep and Pack table. Standard electric height adjustment 69-1/2 to 85-1/2 inches. Standard Accessories include: stainless steel surface, 36 x 72 inch, lockable casters, multi-function shelf, 15 x 36 inch, 15 amp power strip. Optional riser frame available.

Atta ID: 5917-070

Alt ID:

Mfr #: PREP54

Vendor #: PREP54

CAD ID: TIN0343

Item ID:

General Product Detail

Arch Sig: No	Spatially Sig: Yes
Arch Code: 2-Movable, Elect	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/O	Type: Medical
	Green: No

Electrical Requirements

Volts: 120	Watts: 1800
Hz: 60	Amps: 15.00
Phase: Single	BTU/hr: N/A
KVA:	Ded. Circuit: No
Emer. Power: No	Plug Type: Type B (NEMA 5-15)

Physical Requirements

Width: 72.00 in (1829 mm)	Left: N/A
Depth: 40.00 in (1016 mm)	Right: N/A
Height: 86.00 in (2184 mm)	Front: N/A
Max Weight: 400 lbs (181.4 kg)	Back: N/A
Mounting: Floor-Mobile	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Structural Requirements

Seismic: No	Pre-approval:
--------------------	----------------------

Product and Project Item Notes

Specification:

Height adjustable 69.5 to 86 inch.

Table includes 15 amp power strip, actual watts and amps will vary depending on equipment plugged into power strip.

Dimensions reflects overall space requirement for table. Actual table size 39.75D x 72L inch.

Structural:

Electrical:

Plumbing:

Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B401	EMI Workroom	Project	Draft (New)	2	
Total:					2	

APPLICATION

The AMSCO Prep & Pack Table from STERIS is designed to meet demanding instrument reprocessing needs. The innovative, flexible workstation helps productivity, organization, instrument management, as well as process and workflow changes.

DESCRIPTION

The most innovative features of the AMSCO Prep & Pack Table are the optional electric height adjustment and overhead lighting. This workstation is ideal for Customers who know one size does not fit all and desire a work area to meet the ergonomic challenges of a diverse work force, helping reduce the risk of work related injuries. The multiple configurations and an extensive accessory catalog allows flexibility to upgrade and customize configurations at any time. Lockable casters allow the workstation to be moved for easy cleaning. The optional riser frame allows mounting of tack boards, dispensing rails, and other components, creating more work space.

STANDARDS

The AMSCO Prep & Pack Table meets the applicable requirements of the following standards:

- Underwriters Laboratories (UL) Standard 61010-1
- Canadian Standards Association (CSA) CAN/CSA-22.2 No.61010-1

DIMENSIONS (L x W x H)

PREP54 to PREP61 Tables

72 x 40 x 69-1/2 to 85-1/2" (variable height)
 (1829 x 1016 x 1765 to 2172 mm) (variable height)



Typical only – details may vary

PREP62 and PREP63 Tables

60 x 33-3/4 x 78-1/2 to 86" (variable height)
 (1524 x 857 x 1994 to 2184 mm) (variable height)

CONSTRUCTION

The AMSCO Prep & Pack Table is equipped with a stainless-steel surface and casters. The table is constructed of steel and extruded aluminum and is capable of handling evenly distributed loads of up to 500 lb (227 kg).

The Selections Checked Below Apply To This Equipment

ELECTRIC HEIGHT ADJUSTABLE MODEL

- AMSCO Prep & Pack Table 36 x 72 Standard (PREP54)
- AMSCO Prep & Pack Table 36 x 72 Deluxe (PREP55)
- AMSCO Prep & Pack Table Back-to-Back 36 x 72 Standard (PREP60)
- AMSCO Prep & Pack Table Back-to-Back 36 x 72 Deluxe (PREP61)
- AMSCO Prep & Pack Table 30 x 60 Standard (PREP62)
- AMSCO Prep & Pack 30 x 60 Deluxe (PREP 63)

MANUAL HEIGHT ADJUSTABLE MODEL

- AMSCO Prep & Pack Table 36 x 72 Standard (PREP56)
- AMSCO Prep & Pack Table 36 x 72 Deluxe (PREP57)
- AMSCO Prep & Pack Table Back-to-Back 36 x 72 Standard (PREP58)
- AMSCO Prep & Pack Table Back-to-Back 36 x 72 Deluxe (PREP59)

ACCESSORIES INCLUDED WITH DELUXE MODELS

- 5x Blue Akro Bins (PREP00017)
- 4 x 30" or 36" Accessory Rails (PREP00077 or PREP00027)
- 2x Multi-Function Shelf (PREP00076 or PREP00028)
- Small Vertical CPU Holder (PREP00029)
- Surface Mounted Flat Screen Monitor Arm (PREP00033)
- Magnetic Marker Board (PREP00044)
- 15 Amp Electrical Plug Strip (PREP00046)
- LED Light Fixture (PREP00051)
- LED Light Fixture Assembly (PREP00052)
- 2x Cable Management (PREP00070)
- 3x Blue Magnetic Hooks (PREP00071)

ACCESSORIES OPTIONAL FOR ALL MODELS

- Suspended 6" Task Drawer (PREP00040)
- Magnification Light (PREP00043)
- Large Vertical CPU Holder (PREP00072)
- Foot Rest (PREP00025)
- Spool Holder for 36" Table (PREP00035)
- Spool Holder for 30" Table (PREP00036)
- 26 x 13 Whiteboard (PREP00078)

Item _____

Location(s) _____

INSTALLATION

Complete Installation instructions are included with all required hardware.

ACCESSORIES

Accessories included with deluxe models:

- 5x Blue Akro Bins (PREP00017)
- 4x 36" (914 mm) Accessory Rail (PREP00027)
- 2x Multi-Function Shelf (PREP00076 or PREP00028)
- Small Vertical CPU Holder (PREP00029)
- Surface Mounted Flat Screen Monitor Arm (PREP00033)
- Magnetic Marker Board (PREP00044)
- 15 Amp electrical Plug Strip (PREP00046)
- LED Light Fixture (PREP00051)
- LED Light Fixture Assembly (PREP00052)
- 2x Cable Management (PREP00070)
- 3x Blue Magnetic Hooks (PREP00071)

Accessories optional for all models:

- Suspended 6" (152 mm) Task Drawer (PREP00040)
- Magnification Light (PREP00043)
- Large Vertical CPU Holder (PREP00072)
- Foot Rest (PREP00025)
- Spool Holder for 36" Table
- Spool Holder for 30" Table (PREP00035)
- 26 x 13 Whiteboard (PREP00078)

ELECTRICAL SPECIFICATIONS

AMSCO Prep & Pack Table: electric bases are each equipped with a 120 Volt, 50/60 Hz., 3.0/2.2 Amp motor, a height control box with rocker switch and 8-1/2" (216 mm) power cord. Travel range on electric base is 1/2" per second.

Plug Strip: Provides single circuit, 15 Amp, 120 Volt outlets. Six simplex outlets on each 36" (914 mm) plug strip. Each strip includes a lighted on/off switch with circuit breaker protection surrounded by a built-in safety guard and an 8' (2 m) power cord.

Light: Two T8 lamps, 120 Volt, with batwing lens, and a 9' (3 m) cord with rear right hand exit.

PREVENTIVE MAINTENANCE

A global network of skilled service specialists can provide periodic inspections and adjustments to assure low-cost peak performance. STERIS representatives can provide information regarding Annual Maintenance Agreements.

The base language of this document is ENGLISH. Any translations must be made from the base language document.

For Further Information, contact:



STERIS Corporation
5960 Heisley Road
Mentor, OH 44060-1834 • USA
440-354-2600 • 800-548-4873
www.steris.com

**Pav A Basement / Phase 2
Specification Coversheet**



Description: Table, Instrument, Assembly
Manufacturer: STERIS Corporation - Healthcare ((440) 354-2600)
Vendor: STERIS Corporation - Healthcare ((440) 354-2600)
Model: AMSCO Prep & Pack Electric (PREP54)

Atta ID: 5917-070
Alt ID:
Mfr #: PREP54
Vendor #: PREP54
CAD ID: TIN0343
Item ID:

Instrument Prep and Pack table. Standard electric height adjustment 69-1/2 to 85-1/2 inches. Standard Accessories include: stainless steel surface, 36 x 72 inch, lockable casters, multi-function shelf, 15 x 36 inch, 15 amp power strip. Optional riser frame available.

General Product Detail

Arch Sig: No	Spatially Sig: Yes
Arch Code: 2-Movable, Elect	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/V	Type: Medical
	Green: No

Electrical Requirements

Volts: 120	Watts: 1800
Hz: 60	Amps: 15.00
Phase: Single	BTU/hr: N/A
KVA:	Ded. Circuit: No
Emer. Power: No	Plug Type: Type B (NEMA 5-15)

Physical Requirements

Width: 72.00 in (1829 mm)	Left: N/A
Depth: 40.00 in (1016 mm)	Right: N/A
Height: 86.00 in (2184 mm)	Front: N/A
Max Weight: 400 lbs (181.4 kg)	Back: N/A
Mounting: Floor-Mobile	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Structural Requirements

Seismic: No	Pre-approval:
--------------------	----------------------

Product and Project Item Notes

Specification:

Height adjustable 69.5 to 86 inch.

Table includes 15 amp power strip, actual watts and amps will vary depending on equipment plugged into power strip.

Dimensions reflects overall space requirement for table. Actual table size 39.75D x 72L inch.

Structural:

Electrical:

Plumbing:

Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B421	Hold Clean	Project	Draft (New)	1	
Total:					1	

APPLICATION

The AMSCO Prep & Pack Table from STERIS is designed to meet demanding instrument reprocessing needs. The innovative, flexible workstation helps productivity, organization, instrument management, as well as process and workflow changes.

DESCRIPTION

The most innovative features of the AMSCO Prep & Pack Table are the optional electric height adjustment and overhead lighting. This workstation is ideal for Customers who know one size does not fit all and desire a work area to meet the ergonomic challenges of a diverse work force, helping reduce the risk of work related injuries. The multiple configurations and an extensive accessory catalog allows flexibility to upgrade and customize configurations at any time. Lockable casters allow the workstation to be moved for easy cleaning. The optional riser frame allows mounting of tack boards, dispensing rails, and other components, creating more work space.

STANDARDS

The AMSCO Prep & Pack Table meets the applicable requirements of the following standards:

- Underwriters Laboratories (UL) Standard 61010-1
- Canadian Standards Association (CSA) CAN/CSA-22.2 No.61010-1

DIMENSIONS (L x W x H)

PREP54 to PREP61 Tables

72 x 40 x 69-1/2 to 85-1/2" (variable height)
 (1829 x 1016 x 1765 to 2172 mm) (variable height)



Typical only – details may vary

PREP62 and PREP63 Tables

60 x 33-3/4 x 78-1/2 to 86" (variable height)
 (1524 x 857 x 1994 to 2184 mm) (variable height)

CONSTRUCTION

The AMSCO Prep & Pack Table is equipped with a stainless-steel surface and casters. The table is constructed of steel and extruded aluminum and is capable of handling evenly distributed loads of up to 500 lb (227 kg).

The Selections Checked Below Apply To This Equipment

ELECTRIC HEIGHT ADJUSTABLE MODEL

- AMSCO Prep & Pack Table 36 x 72 Standard (PREP54)
- AMSCO Prep & Pack Table 36 x 72 Deluxe (PREP55)
- AMSCO Prep & Pack Table Back-to-Back 36 x 72 Standard (PREP60)
- AMSCO Prep & Pack Table Back-to-Back 36 x 72 Deluxe (PREP61)
- AMSCO Prep & Pack Table 30 x 60 Standard (PREP62)
- AMSCO Prep & Pack 30 x 60 Deluxe (PREP 63)

MANUAL HEIGHT ADJUSTABLE MODEL

- AMSCO Prep & Pack Table 36 x 72 Standard (PREP56)
- AMSCO Prep & Pack Table 36 x 72 Deluxe (PREP57)
- AMSCO Prep & Pack Table Back-to-Back 36 x 72 Standard (PREP58)
- AMSCO Prep & Pack Table Back-to-Back 36 x 72 Deluxe (PREP59)

ACCESSORIES INCLUDED WITH DELUXE MODELS

- 5x Blue Akro Bins (PREP00017)
- 4 x 30" or 36" Accessory Rails (PREP00077 or PREP00027))
- 2x Multi-Function Shelf (PREP00076 or PREP00028)
- Small Vertical CPU Holder (PREP00029)
- Surface Mounted Flat Screen Monitor Arm (PREP00033)
- Magnetic Marker Board (PREP00044)
- 15 Amp Electrical Plug Strip (PREP00046)
- LED Light Fixture (PREP00051)
- LED Light Fixture Assembly (PREP00052)
- 2x Cable Management (PREP00070)
- 3x Blue Magnetic Hooks (PREP00071)

ACCESSORIES OPTIONAL FOR ALL MODELS

- Suspended 6" Task Drawer (PREP00040)
- Magnification Light (PREP00043)
- Large Vertical CPU Holder (PREP00072)
- Foot Rest (PREP00025)
- Spool Holder for 36" Table (PREP00035)
- Spool Holder for 30" Table (PREP00036)
- 26 x 13 Whiteboard (PREP00078)

Item _____

Location(s) _____

INSTALLATION

Complete Installation instructions are included with all required hardware.

ACCESSORIES

Accessories included with deluxe models:

- 5x Blue Akro Bins (PREP00017)
- 4x 36" (914 mm) Accessory Rail (PREP00027)
- 2x Multi-Function Shelf (PREP00076 or PREP00028)
- Small Vertical CPU Holder (PREP00029)
- Surface Mounted Flat Screen Monitor Arm (PREP00033)
- Magnetic Marker Board (PREP00044)
- 15 Amp electrical Plug Strip (PREP00046)
- LED Light Fixture (PREP00051)
- LED Light Fixture Assembly (PREP00052)
- 2x Cable Management (PREP00070)
- 3x Blue Magnetic Hooks (PREP00071)

Accessories optional for all models:

- Suspended 6" (152 mm) Task Drawer (PREP00040)
- Magnification Light (PREP00043)
- Large Vertical CPU Holder (PREP00072)
- Foot Rest (PREP00025)
- Spool Holder for 36" Table
- Spool Holder for 30" Table (PREP00035)
- 26 x 13 Whiteboard (PREP00078)

ELECTRICAL SPECIFICATIONS

AMSCO Prep & Pack Table: electric bases are each equipped with a 120 Volt, 50/60 Hz., 3.0/2.2 Amp motor, a height control box with rocker switch and 8-1/2" (216 mm) power cord. Travel range on electric base is 1/2" per second.

Plug Strip: Provides single circuit, 15 Amp, 120 Volt outlets. Six simplex outlets on each 36" (914 mm) plug strip. Each strip includes a lighted on/off switch with circuit breaker protection surrounded by a built-in safety guard and an 8' (2 m) power cord.

Light: Two T8 lamps, 120 Volt, with batwing lens, and a 9' (3 m) cord with rear right hand exit.

PREVENTIVE MAINTENANCE

A global network of skilled service specialists can provide periodic inspections and adjustments to assure low-cost peak performance. STERIS representatives can provide information regarding Annual Maintenance Agreements.

The base language of this document is ENGLISH. Any translations must be made from the base language document.

For Further Information, contact:



STERIS Corporation
5960 Heisley Road
Mentor, OH 44060-1834 • USA
440-354-2600 • 800-548-4873
www.steris.com

**Pav A Basement / Phase 2
Specification Coversheet**



Description: Table, Instrument, Assembly
Manufacturer: STERIS Corporation - Healthcare ((440) 354-2600)
Vendor: STERIS Corporation - Healthcare ((440) 354-2600)
Model: AMSCO Prep and Pack Deluxe Electric (PREP55)

Atta ID: 5917-073
Alt ID:
Mfr #: PREP55
Vendor #: PREP55
CAD ID: TIN0345
Item ID:

Prep and Pack instrument table workstation. Features: Electric height adjustment, blue akro bins, multi-function shelving, surface-mounted flat screen monitor arm and with adjustable overhead Led lighting. Made of stainless steel with lockable casters. Up to 500 lb. evenly distributed loads capacity.

General Product Detail

Arch Sig: No	Spatially Sig: Yes
Arch Code: 2-Movable, Elect	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/V	Type: Medical
	Green: No

Electrical Requirements

Volts: 120	Watts: REM
Hz: 60	Amps: 15
Phase: Single	BTU/hr: N/A
KVA:	Ded. Circuit: No
Emer. Power: No	Plug Type: Type B (NEMA 5-15)

Physical Requirements

Width: 72.00 in (1829 mm)	Left: N/A
Depth: 40.00 in (1016 mm)	Right: N/A
Height: 85.50 in (2172 mm)	Front: N/A
Max Weight: 435 lbs (197.3 kg)	Back: N/A
Mounting: Floor	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Structural Requirements

Seismic: No	Pre-approval:
--------------------	----------------------

Product and Project Item Notes

Specification:
 Height adjustable from 69.5 to 85.5 inch.
 Dimensions reflects overall space requirement for table. Actual table size 39.75D x 72L inch.

Electrical Specifications: Table - 120V, 60 Hz, 2.2A Motor, 8.5 in. Power cord.
 Plug Strip - Single circuit, 15A, 120V, 8 ft. Power cord.
 Requires 15 amp circuit. Actual Amp draw will vary depending on equipment plugged into the strip.

Structural:
Electrical:
Plumbing:
Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B403	Clean Work	Project	Draft (New)	17	

Total: 17

APPLICATION

The AMSCO Prep & Pack Table from STERIS is designed to meet demanding instrument reprocessing needs. The innovative, flexible workstation helps productivity, organization, instrument management, as well as process and workflow changes.

DESCRIPTION

The most innovative features of the AMSCO Prep & Pack Table are the optional electric height adjustment and overhead lighting. This workstation is ideal for Customers who know one size does not fit all and desire a work area to meet the ergonomic challenges of a diverse work force, helping reduce the risk of work related injuries. The multiple configurations and an extensive accessory catalog allows flexibility to upgrade and customize configurations at any time. Lockable casters allow the workstation to be moved for easy cleaning. The optional riser frame allows mounting of tack boards, dispensing rails, and other components, creating more work space.

STANDARDS

The AMSCO Prep & Pack Table meets the applicable requirements of the following standards:

- Underwriters Laboratories (UL) Standard 61010-1
- Canadian Standards Association (CSA) CAN/CSA-22.2 No.61010-1

DIMENSIONS (L x W x H)

PREP54 to PREP61 Tables

72 x 40 x 69-1/2 to 85-1/2" (variable height)
 (1829 x 1016 x 1765 to 2172 mm) (variable height)



Typical only – details may vary

PREP62 and PREP63 Tables

60 x 33-3/4 x 78-1/2 to 86" (variable height)
 (1524 x 857 x 1994 to 2184 mm) (variable height)

CONSTRUCTION

The AMSCO Prep & Pack Table is equipped with a stainless-steel surface and casters. The table is constructed of steel and extruded aluminum and is capable of handling evenly distributed loads of up to 500 lb (227 kg).

The Selections Checked Below Apply To This Equipment

ELECTRIC HEIGHT ADJUSTABLE MODEL

- AMSCO Prep & Pack Table 36 x 72 Standard (PREP54)
- AMSCO Prep & Pack Table 36 x 72 Deluxe (PREP55)
- AMSCO Prep & Pack Table Back-to-Back 36 x 72 Standard (PREP60)
- AMSCO Prep & Pack Table Back-to-Back 36 x 72 Deluxe (PREP61)
- AMSCO Prep & Pack Table 30 x 60 Standard (PREP62)
- AMSCO Prep & Pack 30 x 60 Deluxe (PREP 63)

MANUAL HEIGHT ADJUSTABLE MODEL

- AMSCO Prep & Pack Table 36 x 72 Standard (PREP56)
- AMSCO Prep & Pack Table 36 x 72 Deluxe (PREP57)
- AMSCO Prep & Pack Table Back-to-Back 36 x 72 Standard (PREP58)
- AMSCO Prep & Pack Table Back-to-Back 36 x 72 Deluxe (PREP59)

ACCESSORIES INCLUDED WITH DELUXE MODELS

- 5x Blue Akro Bins (PREP00017)
- 4 x 30" or 36" Accessory Rails (PREP00077 or PREP00027))
- 2x Multi-Function Shelf (PREP00076 or PREP00028)
- Small Vertical CPU Holder (PREP00029)
- Surface Mounted Flat Screen Monitor Arm (PREP00033)
- Magnetic Marker Board (PREP00044)
- 15 Amp Electrical Plug Strip (PREP00046)
- LED Light Fixture (PREP00051)
- LED Light Fixture Assembly (PREP00052)
- 2x Cable Management (PREP00070)
- 3x Blue Magnetic Hooks (PREP00071)

ACCESSORIES OPTIONAL FOR ALL MODELS

- Suspended 6" Task Drawer (PREP00040)
- Magnification Light (PREP00043)
- Large Vertical CPU Holder (PREP00072)
- Foot Rest (PREP00025)
- Spool Holder for 36" Table (PREP00035)
- Spool Holder for 30" Table (PREP00036)
- 26 x 13 Whiteboard (PREP00078)

Item _____

Location(s) _____

INSTALLATION

Complete Installation instructions are included with all required hardware.

ACCESSORIES

Accessories included with deluxe models:

- 5x Blue Akro Bins (PREP00017)
- 4x 36" (914 mm) Accessory Rail (PREP00027)
- 2x Multi-Function Shelf (PREP00076 or PREP00028)
- Small Vertical CPU Holder (PREP00029)
- Surface Mounted Flat Screen Monitor Arm (PREP00033)
- Magnetic Marker Board (PREP00044)
- 15 Amp electrical Plug Strip (PREP00046)
- LED Light Fixture (PREP00051)
- LED Light Fixture Assembly (PREP00052)
- 2x Cable Management (PREP00070)
- 3x Blue Magnetic Hooks (PREP00071)

Accessories optional for all models:

- Suspended 6" (152 mm) Task Drawer (PREP00040)
- Magnification Light (PREP00043)
- Large Vertical CPU Holder (PREP00072)
- Foot Rest (PREP00025)
- Spool Holder for 36" Table
- Spool Holder for 30" Table (PREP00035)
- 26 x 13 Whiteboard (PREP00078)

ELECTRICAL SPECIFICATIONS

AMSCO Prep & Pack Table: electric bases are each equipped with a 120 Volt, 50/60 Hz., 3.0/2.2 Amp motor, a height control box with rocker switch and 8-1/2" (216 mm) power cord. Travel range on electric base is 1/2" per second.

Plug Strip: Provides single circuit, 15 Amp, 120 Volt outlets. Six simplex outlets on each 36" (914 mm) plug strip. Each strip includes a lighted on/off switch with circuit breaker protection surrounded by a built-in safety guard and an 8' (2 m) power cord.

Light: Two T8 lamps, 120 Volt, with batwing lens, and a 9' (3 m) cord with rear right hand exit.

PREVENTIVE MAINTENANCE

A global network of skilled service specialists can provide periodic inspections and adjustments to assure low-cost peak performance. STERIS representatives can provide information regarding Annual Maintenance Agreements.

The base language of this document is ENGLISH. Any translations must be made from the base language document.

For Further Information, contact:



STERIS Corporation
5960 Heisley Road
Mentor, OH 44060-1834 • USA
440-354-2600 • 800-548-4873
www.steris.com

Pav A Basement / Phase 2 Specification Coversheet



Description: Sink, Clean-up Workstation (3-sink)

Manufacturer: STERIS Corporation - Healthcare ((440) 354-2600)

Vendor: STERIS Corporation - Healthcare ((440) 354-2600)

Model: 3-Sink (120' L)

Atta ID: 5975-022

Alt ID:

Mfr #: CCPS3112035

Vendor #: CCPS3112035

CAD ID: SNK0275

Item ID:

Clean-up counter with 3 sinks for washing and rinsing items in decontamination area. 120 L x 31.75 D x 38.75 H". Stainless steel understructure, etched sink graduation markings, air gun, treated water faucet, pre-rinse goose neck faucets. Universal workflow determined at time of install. End splashes optional.

General Product Detail

Arch Sig: Yes	Spatially Sig: No
Arch Code: 1-Fixed	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/V	Type: Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: 120.00 in (3048 mm)	Left: N/A
Depth: 31.75 in (806 mm)	Right: N/A
Height: 38.75 in (984 mm)	Front: N/A
Max Weight: 375 lbs (170.1 kg)	Back: N/A
Mounting: Floor	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: Yes	Gasses: Yes
Water - Hot: Yes	Drain: Yes
Water - Treated: Yes	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Structural Requirements

Seismic: Yes	Pre-approval:
---------------------	----------------------

Product and Project Item Notes

Specification:

Height includes 4" backsplash.

Structural:

Electrical:

Plumbing:

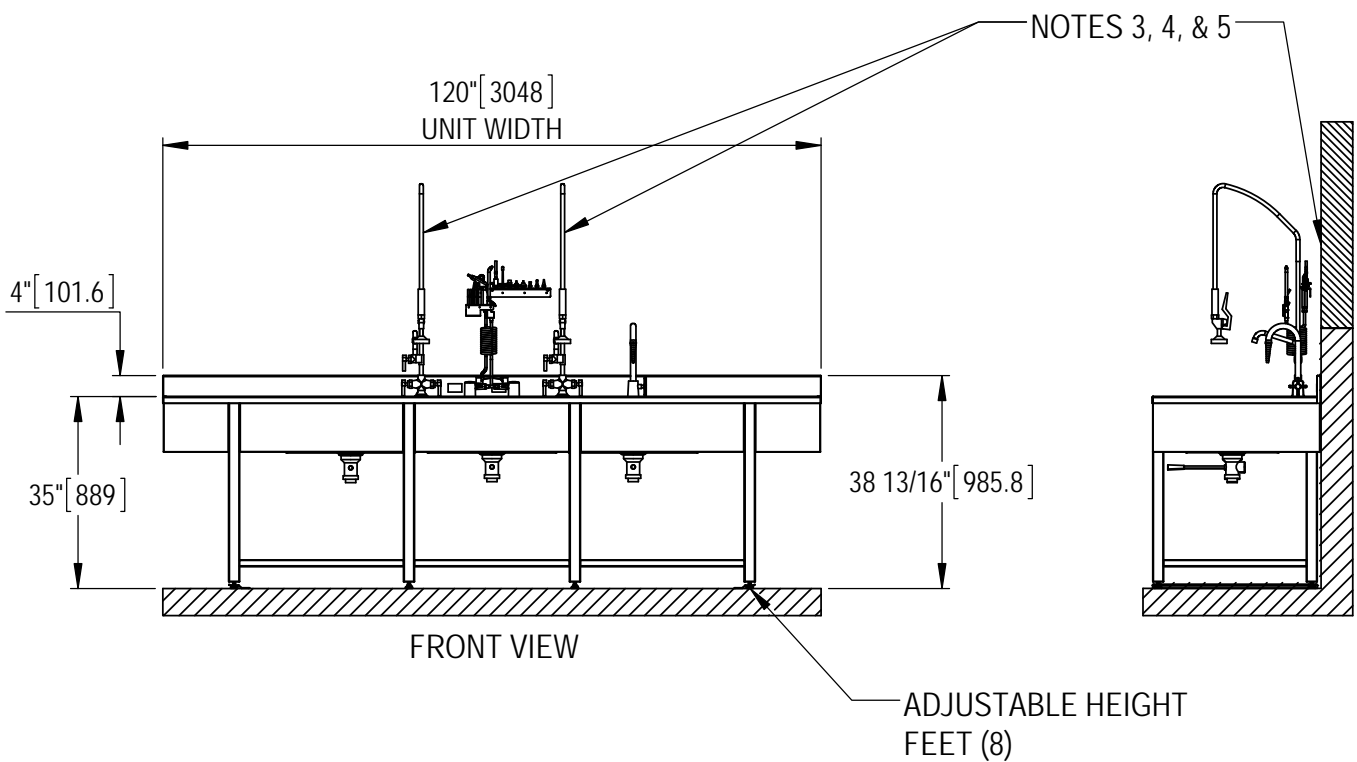
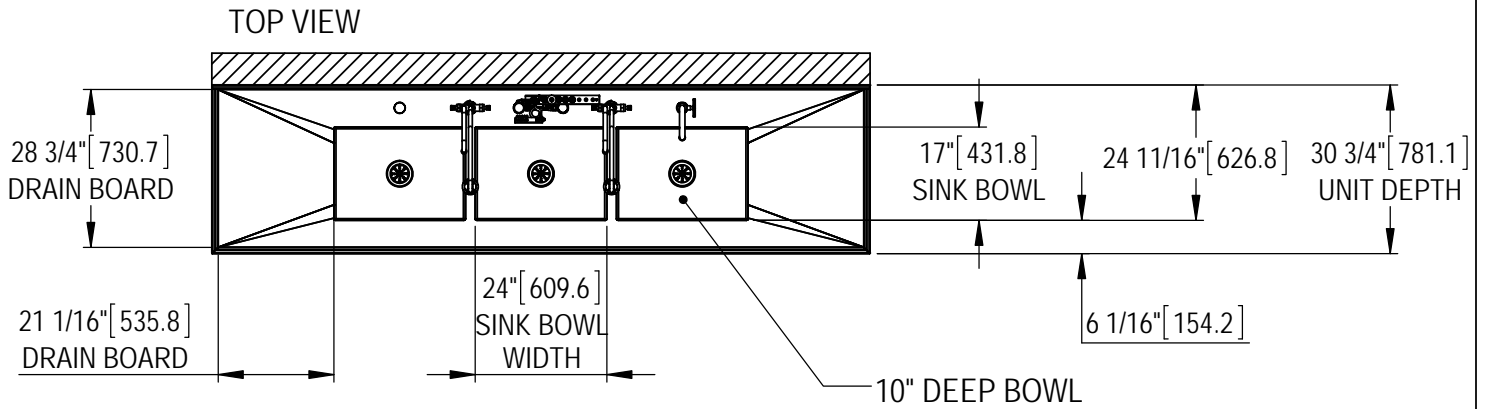
Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B418	Decontamination	Project	Draft (New)	5	
Central Sterile / OR Materials	A0B422	Hold Dirty	Project	Draft (New)	1	

Total: 6

TYPICAL INSTALLATION
SHOWN WITH PONY WALL



NOTES:

1. UNLESS OTHERWISE NOTED, ALL DIMENSIONS ARE IN INCHES [MM]
2. 300 SERIES STAINLESS STEEL CONSTRUCTION
3. PROVISIONS MUST BE MADE TO MOUNT THE PRE-RINSE RISER SUPPORT BRACKET BETWEEN 50" & 58.750" FROM THE FLOOR. SEE LAST PAGE FOR ILLUSTRATION
4. PONY WALL HEIGHT MUST BE 40.375" FOR A SINK WITH A 4" BACKSPASH (AS SHOWN)
5. IF OPTIONAL 12" BACKSPASH IS CHOSEN, WALL MUST BE FREE OF OBSTRUCTIONS TO 47"

STERIS®



T
I
T
L
E

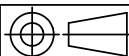
EQUIPMENT DRAWING OF
WORK SINK 30.75" X 120" X 35" TRIPLE BASIN

SIZE:

A

SCALE:

1:35



DRAWN BY:

D. HEATH

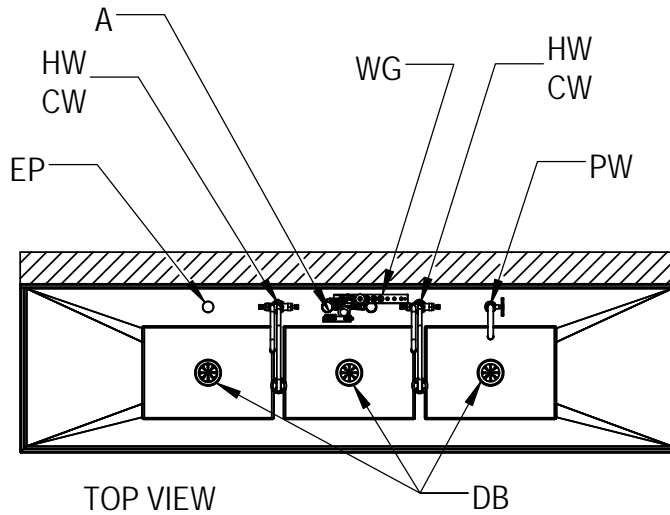
DRAWING NUMBER:

PS-3112035-PG3

REVISION:

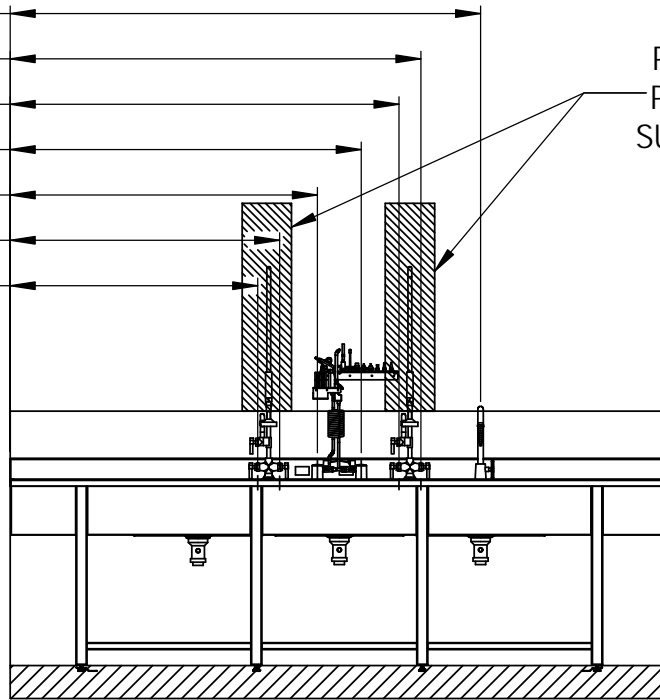
E

UTILITY [PLUMBING]
CONNECTIONS

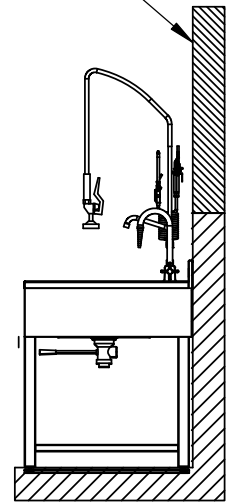


HW	HOT WATER
CW	COLD WATER
PW	PURE WATER
WG	WATER GUN
A	COMPRESSED AIR
EP	EMPTY PURE WATER
DB	DRAIN BASKET (BASIN)
D	DRAIN

- 85 3/4" [2178.1] DI
- 74 7/8" [1901.8] CW
- 70 7/8" [1800.2] HW
- 64" [1625.6] WG
- 56" [1422.4] A
- 49 1/8" [1247.8] CW
- 45 1/8" [1146.2] HW



PROVISIONS FOR
PRE-RINSE RISER
SUPPORT BRACKET



RIGHT SIDE VIEW
SHOWN AT MAX HEIGHT

STERIS[®]

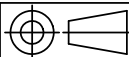


T
I
T
L
E

EQUIPMENT DRAWING OF
WORK SINK 30.75" X 120" X 35" TRIPLE BASIN

SIZE:
A

SCALE:
1:35



DRAWN BY:
D. HEATH

DRAWING NUMBER:
PS-3112035-PG3

REVISION:
E

WORK SINK 30.75" X 120" X 35" TRIPLE BASIN

UTILITY REQUIREMENTS CHART (PLUMBING)

UTILITY	PARAMETER	REQUIREMENT	NOTES
HOT WATER (HW)	CONNECTION TYPE / SIZE	1/2" NPSM	PRE-RINSE FEATURES: SANTOPRENE INNER HOSE LINER, SS STRAIN RELIEF SPRING
	PRESSURE RANGE	20 TO 44 PSIG	
	OPERATING FLOW RATE	1.2 TO 3.3 GPM @ 60 PSI	
	TEMPERATURE RANGE	120 TO 140°F	
	WATER QUALITY	SEE NOTE 2*	
COLD WATER (CW)	CONNECTION TYPE / SIZE	1/2" NPSM	
	PRESSURE RANGE	20 TO 44 PSIG	
	OPERATING FLOW RATE	1.2 TO 3.3 GPM @ 60 PSI	
	TEMPERATURE RANGE	70°F MAX	
	WATER QUALITY	SEE NOTE 2*	
PURE WATER (PW)	CONNECTION TYPE / SIZE	1/2" NPSM WITH 1/4" MALE NPT ADAPTER (INCLUDED)	
	PRESSURE RANGE	50 TO 150 PSIG	
	OPERATING FLOW RATE	.25 TO 2.00 GPM ±15%	
	TEMPERATURE RANGE	40 TO 140°F	
	WATER QUALITY		
WATER GUN (WG)	CONNECTION TYPE / SIZE	QUICK CONNECT FLEX COIL	
	PRESSURE RANGE	0 TO 44 PSI	
	OPERATING FLOW RATE		
	TEMPERATURE RANGE	-40 TO 125°F	
	WATER QUALITY	SEE NOTE 2*	
AIR GUN (A)	CONNECTION TYPE / SIZE	1/4" NPTF HOSE INCLUDED	CONNECTION MUST BE MADE PER LOCAL CODE
	PRESSURE	30 PSI MAX	
	TIP 1	CONSUMPTION AT 30 PSI	2 CFM
	TIP 2		
	TIP 3		
	TIP 4		
	TIP 5		
TIPS 4 & 5 MUST BE OPERATED AT 30PSI OR LESS TO COMPLY WITH OSHA DIRECTIVE			
BASIN DRAIN (DB)	CONNECTION TYPE	Ø1.5" TAILPIECE (INCLUDED)	

NOTES:

1. SUPPLY LINES FOR EACH CONNECTION ARE SHIPPED WITH EACH SINK
2. STERIS RECOMMENDS THE FOLLOWING WATER QUALITY PARAMETERS:
 1. 100-200 PPM (500 PPM MAX) TOTAL DISSOLVED SOLIDS
 2. 70-120 PPM (180PPM MAX) TOTAL ALKALINITY
 3. 6.8-7.0PH (7.5 MAX)
 4. 0.1-0.5PPM (1.0PPM MAX) TOTAL SILICA
3. STERIS DOESN NOT SUPPLY A PRESSURE REGULATOR FOR USE WITH AIR GUN
4. STERIS DOES NOT SUPPLY A PRESSURE REDUCING VALVE (PRV) FOR USE WITH WATER GUN

STERIS®



TITLE

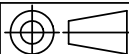
EQUIPMENT DRAWING OF WORK SINK 30.75" X 120" X 35" TRIPLE BASIN

SIZE:

A

SCALE:

1:35



DRAWN BY:

D. HEATH

DRAWING NUMBER:

PS-3112035-PG3

REVISION:

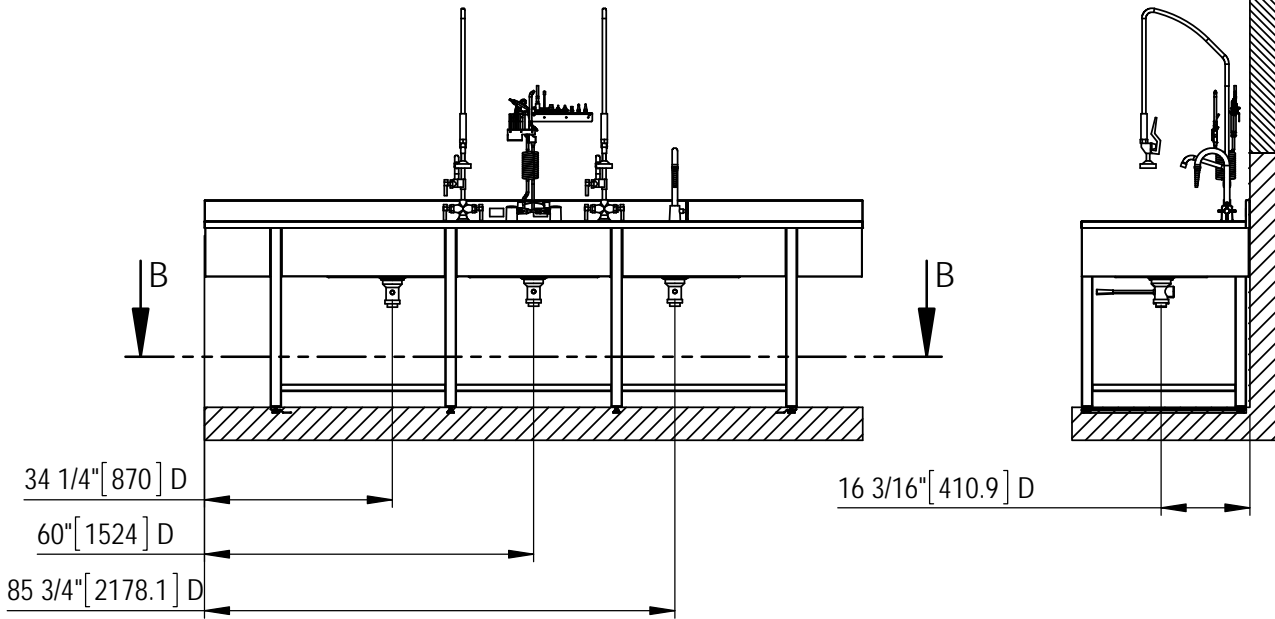
E

DRAIN LOCATIONS

ALL DRAIN CONNECTIONS MUST BE MADE PER LOCAL CODE

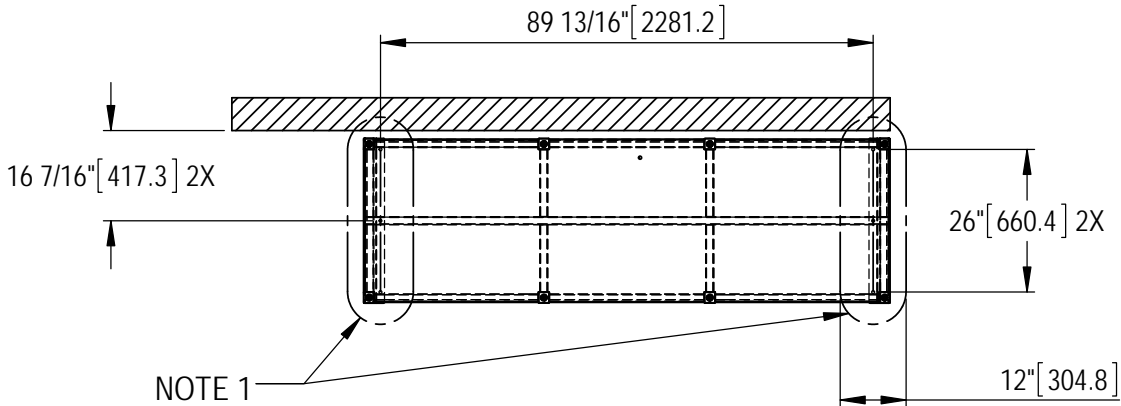
RIGHT SIDE VIEW
SHOWN AT MAX HEIGHT

FRONT VIEW



SEISMIC ANCHOR HOLE POSITIONS

SECTION B-B



NOTE 1

NOTES:

1. CONCRETE FLOOR MUST REMAIN FREE OF DEFECTS IN THESE AREAS FOR INSTALLATION OF SEISMIC ANCHORS (NOT PROVIDED BY STERIS)

STERIS®



T
I
T
L
E

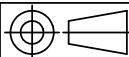
EQUIPMENT DRAWING OF
WORK SINK 30.75" X 120" X 35" TRIPLE BASIN

SIZE:

A

SCALE:

1:35



DRAWN BY:

D. HEATH

DRAWING NUMBER:

PS-3112035-PG3

REVISION:

E

PHYSICAL SPECIFICATIONS

SHIPPING DIMENSIONS W X H X L	130" x 36" x 49" [3302mm x 914.4mm x 1244.6mm]
SHIPPING WEIGHT	650 lbs [294.835Kg]
OPERATING DIMENSIONS W X H X L	120" X 38 3/4" X 31 3/4" [3048mm X 985mm X 781.1mm]
OPERATING WEIGHT (EMPTY)	375 lbs [170.097Kg]
WORKING HEIGHT	35" [888.2]

REV	DESCRIPTION	ECO #	BY:	DATE
E	ADD NEW PIPE SEALS, H0800-10 LABEL		DOUALLS	03/22/16
D	CHANGED FLOOR ANCHORS TO S02212-31-PSFA		MTODD	11/24/15
C	STD KITS	14057	DHEATH	10/21/14
B	BACKSPLASH BRKTS		DHEATH	12/13/13
A	RELEASED FOR PRODUCTION		SWR	10/11/13

REVISIONS

STERIS[®]

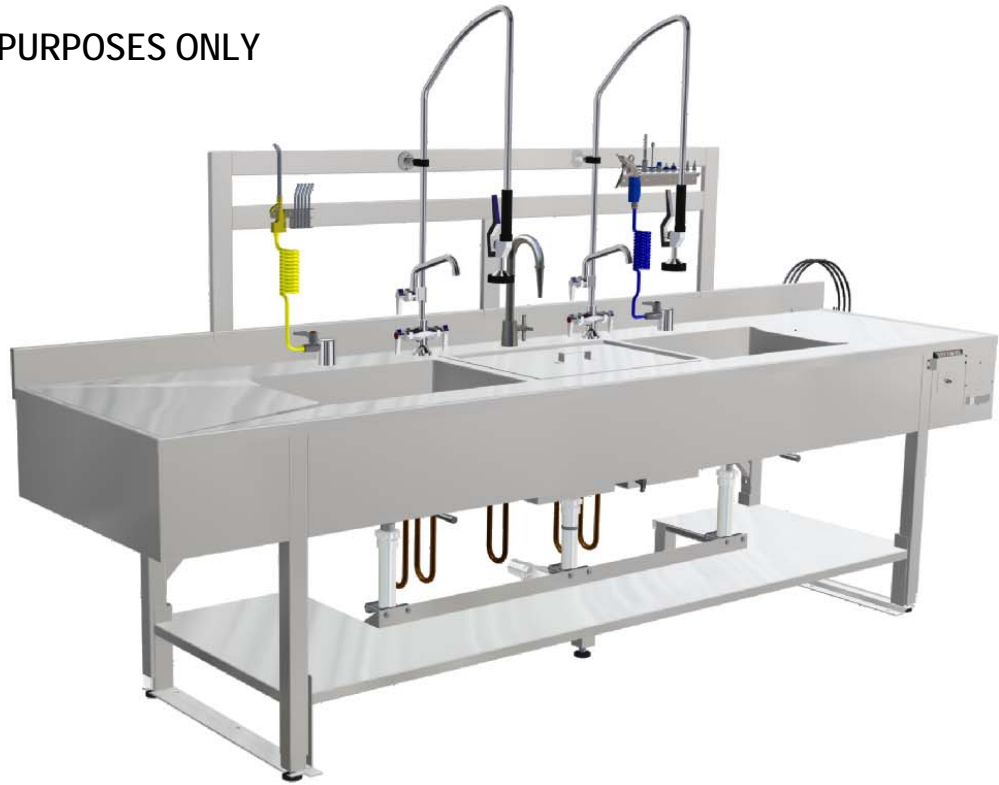


T
I
T
L
E

**EQUIPMENT DRAWING OF
WORK SINK 30.75" X 120" X 35" TRIPLE BASIN**

SIZE: A	SCALE: 1:35		DRAWN BY: D. HEATH	DRAWING NUMBER: PS-3112035-PG3	REVISION: E
-------------------	-----------------------	--	------------------------------	--	-----------------------

FOR ILLUSTRATION PURPOSES ONLY



PS-3112035-AH-PG3-SSC SHOWN WITH OPTIONAL ACCESSORY RACK (SUPPORTS TIP HOLDERS, GUN HOLDERS, & PRE-RINSE WALL MOUNT RISER SUPPORT BRACKETS).

STERIS[®]



T
I
T
L
E

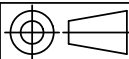
EQUIPMENT DRAWING OF
WORK SINK 30.75" X 120" X 35" TRIPLE BASIN

SIZE:

A

SCALE:

1:35



DRAWN BY:

D. HEATH

DRAWING NUMBER:

PS-3112035-PG3

REVISION:

E

University of Kentucky



Pav A Basement / Phase 2

Specification Coversheet



Description: cart, supply chrome 60 inch
Manufacturer: InterMetro Industries Corp (800.992.1776)
Vendor: InterMetro Industries Corp (800.992.1776)
Model: Super Adjustable Super Erecta A566EC (60x24x68)

Atta ID: 6016-023

Alt ID:

Mfr #: A566EC

Vendor #: A566EC

CAD ID: SPC0398

Item ID:

Chrome wire supply cart with 4 shelves and two swivel/two brake polyurethane casters. Measures 60W x 24D x 68H (inch). Features chrome shelves and plated posts, donut bumpers. Shelves can be adjusted at 1-inch intervals along the entire height of the post. Tool-free, corner-release adjustment system. 800 pound capacity.

General Product Detail

Arch Sig: No	Spatially Sig: Yes
Arch Code: 3-Movable, Non-Elect	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/O	Type: Non-Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: 60.00 in (1524 mm)	Left: N/A
Depth: 24.00 in (610 mm)	Right: N/A
Height: 68.00 in (1727 mm)	Front: N/A
Max Weight: 112 lbs (50.8 kg)	Back: N/A
Mounting: Floor-Mobile	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Structural Requirements

Seismic: No	Pre-approval:
--------------------	----------------------

Product and Project Item Notes

- Specification:
- Structural:
- Electrical:
- Plumbing:
- Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B427	Detergent	Project	Draft (New)	1	

Total: 1



We put space to work.

Item # _____

Job _____

Super Adjustable Super Erecta® Wire Shelf Carts (Stem Caster Style)

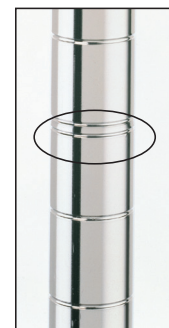
- **Stem Caster Carts combine Super Adjustable** Super Erecta wire shelving features with the mobility of stem casters to provide a high-quality, strong and versatile material handling cart.
- **Carts are preconfigured with two swivel and two swivel brake casters.** All Metro casters are non-marking and come complete with a 3½" (89mm) donut bumper.
- **Total cart capacity (evenly distributed)**
 - **Cart with Polyurethane casters:** 900 lb. (408kg)
 - **Cart with Resilient Rubber casters:** 600 lb. (272kg)
- **Unique Design: Open wire surfaces minimize** dust accumulation and allow a free circulation of air and greater visibility.
- **Reclaim wasted space. Easy "No tool" shelf adjustment.** The Corner Release System allows shelves to be repositioned quickly to maximize the use of vertical space.
- **Unique Post Design:** SiteSelect post design provides a visual guide for positioning and adjusting shelves, saving considerable time during assembly and adjustment. Posts have circular grooves at 1" (25mm) intervals and are numbered every 2" (51mm). An easy-to-identify double groove, every 8" (203mm), offers a quick way to align all shelves.
- **Easily Adjustable at 1" (25mm increments):** Unique Corner Release and SiteSelect Posts create a total system that offers "Tool-Free," fast adjustment at 1" (25mm) intervals along the entire height of the post. Unlock the corner releases, reposition the wedges and sleeves, and re-locate the shelf. The shelf simply seats into place.
- **Versatile Construction:** Super Adjustable Super Erecta wire shelving can change as quickly as your needs change. By using various accessories, hundreds of shelving combinations become possible.



5A356ABR



Corner Release



SiteSelect Post

All Metro Catalog Sheets are available on our website: www.metro.com



InterMetro Industries Corporation
North Washington Street, Wilkes-Barre, PA 18705
Product Information. U.S. and Canada: 1.800.992.1776
Outside U.S. and Canada: www.metro.com/contactus

L02-035
Printed in U.S.A. Rev. 11/19

Information and specifications are subject to change without notice. Please confirm at time of order.

Copyright © 2019 InterMetro Industries Corp.



Super Adjustable Super Erecta® Wire Shelf Carts (Stem Caster Style)



Job _____



Super Adjustable Super Erecta® Wire Shelf Carts (Stem Caster Style)

We put space to work.®

STANDARD UNITS

Consist of designated number of shelves, (4) posts, plastic split sleeves, donut bumpers, and designated casters. Shelves and posts are Chrome finish. Carts use stem caster posts (Model Number 63UP).

Four-Tier Units

Overall Height 67⁷/₈" (1724mm)

Model Number with Casters		Shelf Width/Length		Approx. Pkd. Wt.	
Two Swivel Two Brake Resilient Rubber Casters	Two Swivel Two Brake Polyurethane Casters	(in.)	(mm)	(lbs.)	(kg)
A336BC	A336EC	18x36	457x914	60	27
A356BC	A356EC	18x48	457x1219	72	32
A366BC	A366EC	18x60	457x1524	88	40
A436BC	A436EC	21x36	530x914	69	31
A456BC	A456EC	21x48	530x1219	81	36
A466BC	A466EC	21x60	530x1524	98	44
A536BC	A536EC	24x36	610x914	76	34
A556BC	A556EC	24x48	610x1219	92	41
A566BC	A566EC	24x60	610x1524	112	51

Five-Tier Units

Overall Height 67⁷/₈" (1724mm)

5A336BC	5A336EC	18x36	457x914	70	31
5A356BC	5A356EC	18x48	457x1219	84	37
5A366BC	5A366EC	18x60	457x1524	105	48
5A436BC	5A436EC	21x36	530x914	80	36
5A456BC	5A456EC	21x48	530x1219	95	42
5A466BC	5A466EC	21x60	530x1524	116	52
5A536BC	5A536EC	24x36	610x914	89	40
5A556BC	5A556EC	24x48	610x1219	108	48
5A566BC	5A566EC	24x60	610x1524	133	61

Note: The post used on the carts is model number 63UP.



Resilient Rubber Casters

Polyurethane Casters

TO ORDER BY COMPONENTS

- Order shelves from sheet 10.01A or price list. (Will be packed with plastic split sleeves.)
- Order stem casters from sheet 11.20 or price list. Donut bumper comes with caster.

LOAD RATING: Not to exceed 3 times the caster load rating.

** Carts with polyurethane casters are designed to hold up to 900 lbs. (408kg).

Carts with rubber casters can hold up to 600 lbs. (272kg).

Important: When ordering by components remember that stability decreases as the ratio of height to width increases. Units should be kept as wide and low as possible.

an Ali Group Company



The Spirit of Excellence

**Pav A Basement / Phase 2
Specification Coversheet**



Description: Dispenser, Paper Towel, Surface Mount
Manufacturer: Georgia Pacific ((866) 435-5647)
Vendor: Georgia Pacific ((866) 435-5647)
Model: 59488 enMotion Impulse 10 (Smoke)

Atta ID: 6084-031
Alt ID:
Mfr #: 59488
Vendor #: 59488
CAD ID: DSP0134
Item ID:

Surface mounted paper towel dispenser. Translucent smoke. Automatic, touchless, single-towel dispensing, battery operated. Adjustable settings - sheet length, sensor distance, time delay, and dispense mode. Lead innovation 1.1-1.4, 3.

General Product Detail

Arch Sig: Yes	Spatially Sig: No
Arch Code: 1-Fixed	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/C	Type: Non-Medical
	Green: Yes

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: 15.00 in (381 mm)	Left: N/A
Depth: 9.75 in (248 mm)	Right: N/A
Height: 13.50 in (343 mm)	Front: N/A
Max Weight: 7 lbs (3.2 kg)	Back: N/A
Mounting: Wall	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Structural Requirements

Seismic: No	Pre-approval:
--------------------	----------------------

Product and Project Item Notes

- Specification:
- Structural:
- Electrical:
- Plumbing:
- Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B423	Ante	Project	Draft (New)	1	
Central Sterile / OR Materials	A0B502	Breakroom	Project	Draft (New)	1	
Central Sterile / OR Materials	A0B425	Drop/Doffing	Project	Draft (New)	1	
Central Sterile / OR Materials	A0B421	Hold Clean	Project	Draft (New)	1	
Central Sterile / OR Materials	A0B503	Lactation	Project	Draft (New)	1	
Central Sterile / OR Materials		Toilets	Project	Draft (New)	8	
Total:					13	

enMotion® Impulse® 10 Automated Towel Dispenser

Automated, touchless dispensing helps to improve hygiene, lower risk of cross-contamination, reduce towel usage by up to 30 percent* and decrease operational expenses.



Description:

From the makers of enMotion® comes the enMotion® Impulse® 10 dispenser. Sharing many features as the enMotion® Wall Mount Towel Dispenser (does not include roll transfer feature), the enMotion® Impulse® 10 dispenser is designed to fit in employee break rooms, medical/dental offices, back of the house in foodservice, and other areas with space constraints. Hygienic and hands-free, the enMotion® Impulse® 10 dispenser is everything you love about the enMotion® wall mount dispenser in a new, smaller size. *Only available via a one-time, lifetime lease agreement through GP or authorized distributor.

Features & Benefits:

- » enMotion® touchless towel dispensers help reduce waste by 30% vs. standard folded towels
- » One-at-a-time towel dispensing improves operational efficiency
- » Automatic touchless dispensing helps improve hygiene and helps reduce risk of cross-contamination
- » Smaller profile fits great in small spaces and enhances image and decor
- » Adjustable settings - sheet length, time delay, and dispense mode
- » Operates quietly on 4 D-cell alkaline batteries (included)
- » Uses same towel as enMotion® Classic Towel Dispensers

Product Details

Brand Owner	Georgia-Pacific
Brand	enMotion®
MFG Part#	59488
Color	Translucent Smoke
UP - UPC	073310594880
Each Per Ship Unit	1 Each
Items Per Each	0 Each
Case Total	1 Each
Dispenser (WxDxH)	14.800" x 9.750" x 13.300"
UNSPSC	47131701
Buy Multiple	1 EA

Case Shipping Info

Case GTIN	10073310594887
Case Gross Wgt	9.070 LBS
Case Net Wgt	6.240 LBS
Case Dimensions (LxWxH)	15.125" x 15.000" x 11.125"
Case Volume	1.461 CFT

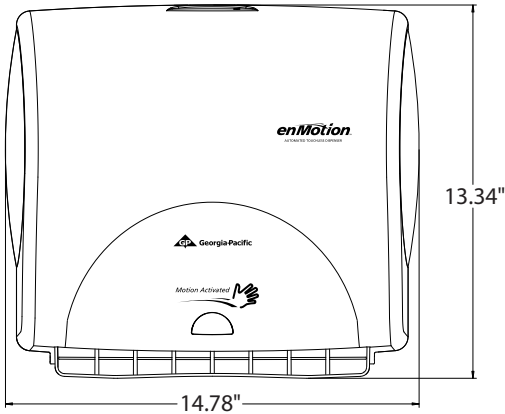
Unit Shipping Info

TI-Qty/Layer	6
HI-Layers/Unit	9
Unit Qty	54
Unit Dimensions (LxWxH)	45.000" x 30.250" x 100.125"

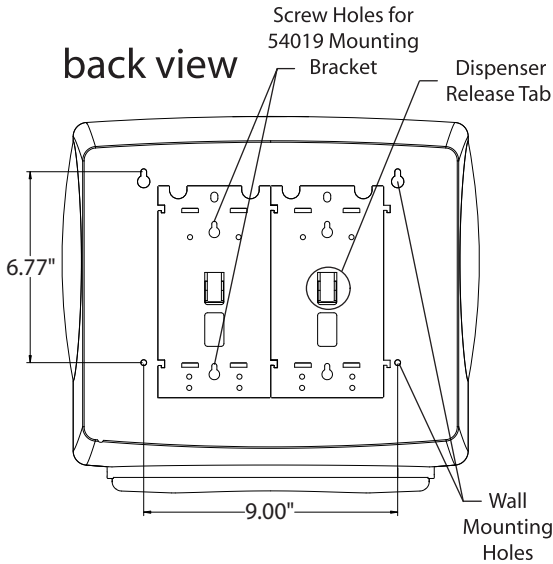


enMotion® Impulse™ 10 Towel Dispenser

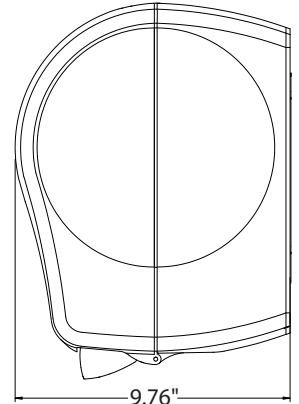
front view



back view



side view



The installation description and illustration herein are to serve as a guide. Georgia-Pacific reserves the right and does from time to time make changes and improvements in design, dimensions and subsequent installation instructions. Georgia-Pacific does not take responsibility for any damage, or injury to persons or property or any other incidental or consequential losses due to these installation instructions.

Georgia-Pacific recommends the use of a Professional installation service.

OPERATION

The Automated Towel dispenser runs on 4 D Cell alkaline batteries (included). The dispenser features 3 LEDs, from left to right, a low Paper indicator, a motor / sensor activation light and a low battery light. It has 2 dispensing modes: an on-demand, where a new sheet is presented when a hand is waves in front of the sensor, and a hanging towel mode, where a new towel is dispensed as soon as a towel is removed from the dispenser. This dispenser also features adjustable settings for paper length, and sheet delay. For more details, see the enMotion® Impulse™ 10 Automated Towel dispenser instruction manual included with the unit.

SPECIFICATIONS

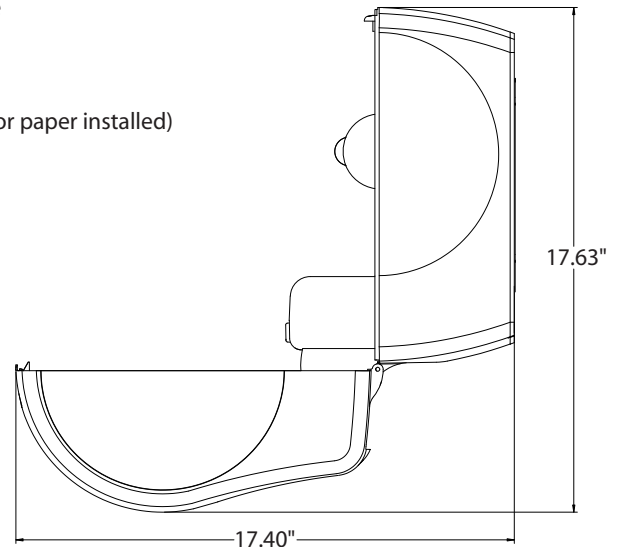
The Cover and Back housing are constructed of plastic.

Weight:

6.25 Pounds (without batteries or paper installed)

Dimensions:

13.34"H x 14.78"W x 9.76"D



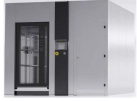
INSTALLATION

When mounted directly into a wall, the unit is mounted using #10 self-tapping screws. Many possible methods can be used to mount the dispenser, given the wide variety of stud configurations behind the wall. The enMotion® Impulse™ 10 Automated Towel dispenser has Mounting holes on both sides of the backplate and directly in the rear of the unit.

side view - cover open

For questions or comments, please call
1-866-HELLO GP (435-5647)

**Pav A Basement / Phase 2
Specification Coversheet**



Description: Washer/Disinfector, Cart, Pass-Thru, Pit Mounted

Manufacturer: STERIS Corporation - Healthcare ((440) 354-2600)

Vendor: STERIS Corporation - Healthcare ((440) 354-2600)

Model: Vision 1327 Steam (208V)

Atta ID: 6245-050

Alt ID:

Mfr #: FW05201

Vendor #: FW05201

CAD ID: WSR0212

Item ID:

Pit mounted cart pass-thru washer/disinfector. Features: Steam heat, 208V/60Hz, 2 Reservoir, Vented. Equipped with a microprocessor control system and eight factory-set adjustable cycles: Cart Standard, Cart Low Eco, Containers, Utensils, Beds, Quick, Alum Safe and Instruments. Eleven additional cycles are available for customized programming. 10 – 12 minute cycle time. Chamber load capacity: 40W x 80H x 106D (1016 x 2032 x 2692 mm)

General Product Detail

Arch Sig: Yes	Spatially Sig: Yes
Arch Code: 1-Fixed	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/V	Type: Medical
	Green: No

Electrical Requirements

Volts: 208	Watts: 5304
Hz: 60	Amps: 25.50
Phase: 3-Phase	BTU/hr: 13800
KVA:	Ded. Circuit: Yes
Emer. Power: No	Plug Type: Hardwire

Physical Requirements

Width: 120.00 in (3048 mm)	Left: N/A
Depth: 130.00 in (3302 mm)	Right: N/A
Height: 112.75 in (2864 mm)	Front: N/A
Max Weight: 7483 lbs (3394.3 kg)	Back: N/A
Mounting: Floor	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: Yes	Gasses: Yes
Water - Hot: Yes	Drain: Yes
Water - Treated: Yes	Steam: Yes
Vent: Yes	Vacuum - Dental / Medical: No / No
Tech Connect: Yes	

Structural Requirements

Seismic: Yes	Pre-approval:
---------------------	----------------------

Product and Project Item Notes

Specification:

See installation for service clearance.

Structural:

Electrical:

Plumbing:

Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B418	Decontamination	Project	Draft (New)	3	

Total: 3

VISION® 1321/1327/1330L STERIS®

Cart and Utensil Washer/Disinfector

APPLICATION

The Vision 1321/1327/1330L Cart and Utensil Washer/Disinfector is a high-capacity mechanical washer intended for use in the efficient cleaning, low-level disinfecting and drying of case carts, containers, utensils, beds and other miscellaneous reusable items used in the care of patients. In addition, soiled surgical instruments are cleaned and intermediate-level disinfected with a required option.

DESCRIPTION

The Vision 1321/1327/1330L Cart and Utensil Washer/Disinfector is a mechanical unit equipped with a microprocessor control system. The unit is designed with eight factory-set adjustable cycles: CART STANDARD, CART LOW ECO, CONTAINER, UTENSIL, BED, QUICK, ALUM SAFE and INSTRUMENT (OPTIONAL).

Fourteen additional cycles are available for customized programming to meet specific operating requirements (two are custom Instrument Cycles). Cycles are programmed with a drying phase, and with minimal wash and thermal rinse duration. Two exterior mounted LED lights are included to illuminate the wash chamber.

The Vision 1321/1327/1330L Cart and Utensil Washer/Disinfector is available in a double-door configuration. The unit can be built to seismic design.



SPECIFICATIONS

Configurations

1321 Double Power Door (Pass-Through)

1327 Double Power Door (Pass-Through)

1330L Double Power Door (Pass-Through)

Size (W x H x L) for Pit Mounted Unit

1321 Version

- **Maximum overall dimensions:** 3048 x 2762 x 2692 mm (120 x 108.75 x 106")
- **Effective chamber load capacity:** 1016 x 2032 x 2083 mm (40 x 80 x 82")

1327 Version

- **Overall dimensions:** 3048 x 2762 x 3302 mm (120 x 108.75 x 130")
- **Effective chamber load capacity:** 1016 x 2032 x 2692 mm (40 x 80 x 106")

1330L Version

- **Overall dimensions:** 3048 x 2762 x 3607 mm (120 x 108.75 x 142")
- **Effective chamber load capacity:** 1016 x 2032 x 3000 mm (40 x 80 x 118.1")

Loading Height

Pit-mounted unit: 0"

Floor-mounted unit: 171 mm (6 3/4") above finished floor

Operating Weight

Vision 1321

- **Cabinet, Water, Two Heavy Case Carts:** 3306 kg (7289 lb)
- **Without Cabinet, With Water and Two Heavy Case Carts:** 2800 kg (6173 lb)
- **For Seismic Report, With Cabinet, With Water in Reservoir and Without Case Cart:** 2934 kg (6468 lb)

**Operating Weight
(Cont'd)****Vision 1327**

- **Cabinet, Water, Two Heavy Case Carts:** 3394 kg (7483 lb)
- **Without Cabinet, With Water and Two Heavy Case Carts:** 2888 kg (6367 lb)
- **For Seismic Report, With Cabinet, With Water in Reservoir and Without Case Cart:** 3022 kg (6662 lb)

Vision 1330L

- **Cabinet, Water, Two Heavy Case Carts:** 3456 kg (7620 lb)
- **Without Cabinet, With Water and Two Heavy Case Carts:** 2846 kg (6275 lb)
- **For Seismic Report, With Cabinet, With Water in Reservoir and Without Case Cart:** 3089 kg (6810 lb)

Consumption

Hot Water Consumption Per Cycle: 53 L (14 U.S. gal)

Steam Consumption Per Cycle (With Hot Tap Water Heated at 140°F-60°C): 14 kg (31 lb)

Data

Noise Level: 65 dBa¹

Heat Loss: 13,800 BTU/hr (4039 W)

**Utility
Requirements**

Air: 1/2" NPT

Ventilation: 152 mm (6") O.D.

Drain: Recommended maximum 203 [round or square] x 152 mm [deep] (8 x 6") floor sink with minimum 101 mm (4") drain outlet.

Pure Water: 3/4" NPT

Hot Water: 1" NPT

Cold Water: 1" NPT

Steam: 1-1/2" NPT

Condensate Return: 1" NPT

Recommended Air Compressor:

Electrical – Compressor Motor: 208, 230 or 460 Volt, 60 Hz, 3-Phase

Electrical – Auto Drain Valve: 120 Volt, 60 Hz

Electricity**Electricity, Steam Heated Units**

- 200-208 V, 60 Hz, 3-Phase, 25.5 Amps
- 460-480 V, 60 Hz, 3-Phase, 13.5 Amps
- 380-400 V, 60 Hz, 3-Phase, 15 Amps
- 380-415 V, 50 Hz, 3-Phase, 14.5 Amps

Electricity, Electric Heated Units

- 460-480 V, 60 Hz, 3-Phase, 108 Amps
- 380-400 V, 60 Hz, 3-Phase, 123.4 Amps
- 380-415 V, 50 Hz, 3-Phase, 125 Amps

1. Calculated as described in ISO-3746 standard

STANDARDS

The Vision 1321/1327/1330L Cart and Utensil Washer/Disinfecter complies with the following standards:

Governing Directive for the affixing of the CE Mark:

- Medical Devices Directive 2007/47/EC as amended by 93/42/EEC.
- Machinery Directive 2006/42/EC
- EMC Directive 2004/108/EC - Class A, Group 1 ISM
- Equipment RoHS Directive 2011/65/EU

Standards Applied to Meet Performance Requirements and Safety:

- EN ISO 15883-1:2009/Amd 1:2014, ANSI/AAMI ST 15883-1:2009 and CAN/CSA Z15883-1:09:2014.
- EN IEC 61010-2-040, Second Edition (2015) and CAN/CSA-C22.2 No. 61010-2-040, Second Edition (2015).
- EN ISO 15883-2:2009, ANSI/AAMI ST 15883-2: 2013 and CAN/CSA-Z15883-2:2009.²
- UL 61010-1, Third Edition (2017), EN/IEC 61010-1, Third Edition (2017) and CAN/CSA-C22.2, No. 61010-1, Third Edition (2017).

FEATURES

Sumless Solution Delivery System. The washer/disinfecter cabinet base is 171 mm (6-3/4") deep.

Spraying System. The washer/disinfecter includes two horizontally mounted spray headers, one on each side of the wash chamber to optimize load coverage and cycle time. Each spray header contains 17 jets (19 jets for 1330L) directed to provide maximum full load coverage. Header height is adjusted to concentrate spray action to lower portion of chamber when processing carts 1118 mm (44") high or lower. Control monitors spray system travel to stop movement if obstruction is detected or alert operator if full movement is not accomplished.

Horizontal Sliding Doors. Each chamber is provided with two automatic, powered, side-sliding doors made of two 6 mm (1/4") tempered glass panes to minimize heat transfer and allow easy visual monitoring of the cleaning process. Units are equipped with sensors to detect obstructions and prevent unit operation if doors are not fully closed. Doors are dynamically pressed against a silicone gasket ensuring complete air and water seal of the wash chamber.

Interior Lights. Chamber illumination by two long-life, energy efficient LED lights.

Integral Self-Priming Automatic Chemical Dispenser. Three peristaltic pumps are included in the standard washer/disinfecter with up to two additional chemical injection pumps provided if Instrument Washing option and Three Reservoir option are installed. Standard pumps: one for neutral or alkaline detergent, one for rinse aid and one for the descaler agent. The pumps are located in a separate room, positioned near the detergent containers and connected to washer/

disinfecter with up to 30 m (100') of piping. Each tube is color coded to facilitate tracking through the facility.

Pumps allow use of Prolystica® Ultra Concentrate products. Each ultra concentrated product is 10 times the concentration of a traditional product, therefore only 1/10th of the standard amount of chemistry is injected to properly process the cycles.

The peristaltic pumps automatically add a selected quantity of detergent:

- Ultra Concentrates: 0.2, 0.4 or 0.8 mL/L (1/40, 1/20 or 1/10 oz/gal).
- Regular Chemicals: 1 to 16 mL/L (1/8 to 2 oz/gal)
- Rinse Aid: 0.2 - 16 mL/L (1/40 - 2 oz/gal).

A low-level sensor is included to indicate when the detergent level in the container is low or when insufficient chemical is available for the next cycle.

Control monitors volume of chemicals injected and indicates if this parameter meets specified criteria during all specific phases.

Wash Chamber. Chamber is constructed of 14 and 16 gauge, #304 stainless steel (316L for 1330L), No. 4 finish, argonwelded and polished. Base is made of #304L (316L for 1330L) stainless steel. Chamber flooring consists of two removable stainless-steel panels designed with gratings running lengthwise in chamber allowing for quiet loading and unloading.

Removable Debris Screen. A removable debris screen is located in chamber bottom. Debris screen prevents large debris from entering piping system and pump. Screen provided with handle and is easily removed for cleaning under running water.

Other Components. All components of the wash/rinse system, including screens, spray headers, piping, and booster in-line heat exchanger are constructed of #304 (for steam) and #316L (for electric) stainless steel. High-pressure recirculating pump is made of #316 L stainless steel. Ball valves are constructed of Teflon® and #316L stainless steel.³

Unit frame, mobile mechanical core and all fasteners are constructed of #304 stainless steel. Aluminum-sheathed rigid fiberglass insulation, 25 mm (1") thick covering the top and sides of the chamber exterior, reduces heat loss and noise level to the work area.

Treatment Staging Tanks. The tanks are equipped with an automatic solution level control, automatic hot water fill and safety overflowing piping. Tanks are made of #304 L (except Tank #1, 316L) stainless steel and are fully insulated with 25 mm (1") thick aluminum sheathed fiberglass to prevent heat loss and burn hazard. The bottom of the tanks are sloped toward the water outlet for optimum drainability. Each solution tank includes an internal baffle that deflects solutions to the tank walls to assure self-cleaning of the tank during the recirculation process. Capacity is 95 L (25 U.S. gal).

High Pressure Pump. Open impeller pump is powered by dualspeed motor permitting two ranges of flow rate/pressure. Pump impeller, shaft and casing are #316 L stainless-steel construction. Pump motor is a Totally

2. When Instrument Washing Option is Present.

3. Teflon® is a registered trademark of E. I. duPont de Nemours and Company.

Enclosed Fan Cooled (TEFC) class H motor, electro-polished, magnetic starter, overload protection and sealed bearings (requiring no lubrication).

Nonrecirculated, Vented Drying System. The vented drying system effectively dries the processed load at the completion of each cycle. Fresh, heated filtered air is blown at high velocity through all four corners of the wash chamber and to the load. Dry air is then evacuated through the chamber vent opening. Fresh air is pre-filtered and High Efficiency Particulate Air (HEPA) filtered.

Automatic Floor Tilting System. System slopes the processed load at the start of the drying phase to properly drain flat surfaces of carts. The floor is automatically returned to its level position at completion of the cycle for smooth loading and unloading.

Integral Exhaust Fan. The fan assists the building ventilation system when evacuating vapor from the wash chamber. Fan impeller, casing and motor shaft are made of stainless steel.

Heating System. Solutions are heated by an instantaneous, in-line, stainless-steel heat exchanger designed to reduce steam consumption and cycle time. A coil also exists in thermal rinse tank to preheat and maintain water temperature to reduce thermal rinse phase readiness time. Drying system also includes a heat exchanger to reduce drying phase time as heated air is blown over load.

Drain Discharge Cool Down. Unit is provided with a cold water connection for use with cold water selection and effluents cool down if sump or reservoir water temperature is higher than 60°C (140°F) while being discharged to building drain system.

Process Data Validation System. The washer/disinfector includes a Process Data Validation System (PDVS). This system documents and measures the following parameters:

- Sump temperature
- Volume of detergent injected during Instrument Cycle

Control alarms user if this independently recorded data falls outside passing criteria. PDVS increases facility confidence level that the cycle has been successfully completed.

ProConnect® Technical Support Services maximize operational efficiencies with secure, internet-based, real-time equipment monitoring. Data from your equipment is used by STERIS to provide pro-active Customer alert notifications, technical support, and predictive maintenance. Online parts ordering, equipment performance dashboards, and online service scheduling at steris.com is also available. (ProConnect Technical Support Services is available in U.S. and Canada only.) Refer to Tech Data sheet SD983, PROCONNECT TECHNICAL SUPPORT SERVICES, for details.

ConnectAssure TECHNOLOGY is a digital data management system that assists sterile processing departments with record keeping through the automated collection and organization of cycle information from STERIS equipment. Automating data collection saves time and helps ensure that all information is gathered properly. Since the data is digital, it can be stored indefinitely without taking departmental space. Refer to Tech Data sheet 10515801, CONNECTASSURE SUPPORT TEAM, for details.

OPTIONAL FEATURES

Instrument Cycle Package allows the cleaning and intermediate level disinfection of soiled surgical instruments. Option comes with an Enzyme injection line, a coupling system for manifolded rack, a Vision instrument washing manifolded rack, an Instrument Cycle and a cold water injection line for the pre-wash and wash phases.

Third Reservoir Option allows an additional detergent to be introduced to wash cycle. Tank is constructed of #304L stainless-steel, insulated with aluminum sheathed rigid fiberglass to prevent heat loss and burn hazard and with a capacity of 95 L (25 US gal).

Pure Water Line, constructed of 316 stainless-steel, delivers purified water to rinse phase of Instrument Cycle only or all cycles.

Seismic Anchorage (FY03-0013) includes seismic report for proper installing and securing of cart washer to building floor. Unit is designed to comply with seismic building code. This option must be ordered with **Seismic Anchorage Pre-Install Accessory (FD335)** which must be installed during construction (prior to installation).

SAFETY FEATURES

Safety Door Switch. A microswitch prevents a cycle from starting if the doors are not fully closed, and also stops the unit if doors are opened during a cycle. Doors must be closed to continue operation.

Obstruction Sensor. Chamber doors are equipped with an obstruction sensor. If an obstruction is detected, door movement automatically stops and then door opens.

Emergency Stop Pushbuttons. The washer/disinfector is equipped with two external Emergency Stop pushbuttons that automatically stop operation of the unit. Once pushed, door locking mechanism disengages allowing the door to be easily opened from inside or outside.

Door Interlock. The safety interlock mechanism prevents both doors from being opened simultaneously, preventing cross contamination. The clean side/unload door cannot be opened until the cycle has been successfully completed.

Lock/Unlock Key Selector. Lock/Unlock key selectors are located under load and unload side controls and include two positions:

- **LOCK** – Use key to turn selector to LOCK position to lock washer/disinfector for minor maintenance inside washer/disinfector. Operator cannot start a new cycle or access Supervisor Mode, and doors are depressurized.
- **UNLOCK**– Use key to turn selector to UNLOCK position to unlock washer/disinfector and enable washer/disinfector to function without restrictions.

Labeling. The washer/disinfector is labeled with warning and caution pictograms to warn the operators and service technicians of precautions to be taken.

Emergency Stop Cables. Located on each side of the interior wash chamber, instantly stop washer/disinfector operation if pulled. Once pulled, door locking mechanism disengages allowing the door to be easily opened from inside or outside.

ON/OFF Switch. Power switch is located on load side of the unit and is used to shut off control power and drain sump and reservoirs (tanks).

CYCLE DESCRIPTION

NOTE: This washer/disinfector is specifically designed to only process goods as outlined in this tech data. If there is any doubt about the use of a specific material or product, contact the manufacturer of the product for recommended washing techniques.

STERIS does not intend, recommend, or represent in any way that this Vision 1321/1327/1330L Cart and Utensil Washer/Disinfector be used for the terminal disinfection or sterilization of any regulated medical device. The Vision 1321/1327/1330L Cart and Utensil Washer/Disinfectors are intended only to perform an initial step in the processing of soiled, reusable items used in the care of patients. If medical devices will be contacting blood or compromised tissues, such devices must be terminally processed in accordance with good hospital practices (GHP) before each use in human patients.

Items to be cleaned are placed on the appropriate accessory cart and/or rack and are positioned in front of the washer. When the washer is ready, the operator opens the doors and pushes the cart/rack into the chamber. Operator closes the door and initiates the cycle. Unit proceeds through treatment schedule and automatically opens the unloading door at cycle completion. A display message and audible alarm indicate that the load is ready for removal. Clean side operator removes clean/disinfected items.

Each cycle program is operator adjustable to meet specific processing needs. Cycle programming is protected by a security access code set by the supervisor. The standard control system features eight factory pre-programmed cycles (CART STANDARD, CART LOW ECO, CONTAINER, UTENSIL, BED, QUICK, INSTRUMENT and ALUM SAFE) and a special self DECONTAM cycle for routine maintenance of the unit. Control is also equipped with open cycles that are programmable on-site at the user's discretion.

Each cycle program is constructed of phases. The following phase descriptions are from the featured Cart and Utensil cycles developed and validated to provide a total cleaning solution by joining advanced washing technology with Prolystica Ultra Concentrate cleaning chemistries:

- **Wash phase** - solution from Reservoir (Tank) 2 or 3 (if the third reservoir option is present) is recirculated through the spray system for the selected time period. Solution is heated to 57°C (135°F) in the second portion of the phase. After a programmable number of cycles, solutions are automatically drained and renewed.
- **Thermal Rinse phase** - pre-heated, hot or pure water (option) from Reservoir (Tank) 1 is sprayed over the load and recirculated for the selected time period to rinse and disinfect the load. Solution is heated to 80°C (176°F). After a programmable number of cycles, solutions are automatically drained and renewed. Rinse Aid is automatically added during the reservoir (tank) filling.
- **HEPA-Filtered Air Drying** - (drying phase) consists of blowing heated nonrecirculated air on the load, and evacuating it through the vent connection. Selected time

for this nonrecirculated phase must be between 03:00 and 30:00.

CONTROL SYSTEM

The control system consists of a PC-based control system. Operator interfaces are ergonomically located, easily accessible and viewable on both ends of the unit. Other control system features are as follows:

- **Control system** monitors and controls washer operations and functions. Cycle progresses automatically through the designated phases as programmed. Control system also stores all cycle data as protection against power disruption.
- **Operator Interface** is an 171 x 133 mm (6.75 x 5.25"), 213 mm (8.4") diagonal, touch-sensitive color graphic display. Display permits operator to monitor current cycle status, including current chamber temperature and remaining phase time. Identical information displayed on both ends of the unit.
- **Impact printer** with automatic paper take-up provides an easy-to-read record of all pertinent cycle data. Generated printout includes date, treatment type, cycle starting time and key cycle transition points. All cycle deviations are indicated by visual and audible means, recorded by the printer and need acknowledgement by operator.
- **Security access code** requires entry of a four-digit access code to change cycles, cycle values and to enter service mode.
- **Service mode** is accessible through main control panel for service and maintenance purposes.
- **Preprogrammed parameters** for each cycle. If operator selects an out-of-range setting when modifying the cycle values, the control system alerts operator with a reference message and halts further operation until the correct value is entered.
- **USB Port** is supplied so cycle data is available in PDF format and accessible through Service Mode.
- **Ethernet port** is available for remote monitoring and troubleshooting.
- **Three Operator Modes** are available. Supervisor, Service and Cycle. The first two modes are password protected. Cycle mode is always available.

ACCESSORIES

Service Side Enclosure Panels and supports are provided to enclose the mechanical core.

Nonservice Side Enclosure Panels are provided to cover insulation on the nonservice side of unit cabinet.

Remote Air Compressor, complete with tank and pressure switch, is available (only in North America) in either 208 V or 460 V. Oilless air compressor operates at 59 dBA. Wiring at installation not provided by STERIS. Also required for operation, a 120 V, 60 Hz outlet for auto drain valve.

Floor Ramps (FD324), 1.2 m (4') long, are provided with guards on each side to help the operator guide the load into the washer. Slope of the ramp not to exceed 6.5° to enable easy loading of carts in the wash chamber.

Bar Code Scanner (FD329) is provided to automatically identify and initiate the appropriate cycle by means of a bar code tag attached to load.

Container (FD322) and Utensil (FD323) Carts designed for efficient cleaning and disinfection of containers, utensils and other reusable items used in patient care. Refer to Cart Washer Accessories Tech Data (SD956) for more information.

Seismic Anchorage Pre-Install (FD335) are foundation plates needed for **Seismic Anchorage Option (FY03-0013)**. These plates must be installed during construction, prior to unit installation.

CHEMICAL ADDITIVE SPECIFICATIONS

Follow detergent label recommendations for the concentration of chemical to use.

To achieve maximum cleaning efficiency, STERIS recommends the following chemicals:

- Prolystica® Ultra Concentrate HP Neutral Detergent
- Prolystica® Ultra Concentrate HP Enzymatic Cleaner (Instrument Cycle)
- Prolystica® Ultra Concentrate HP Alkaline Detergent
- Prolystica® Ultra Concentrate Enzymatic Presoak and Cleaner (Instrument Cycle)
- Prolystica® Ultra Concentrate Alkaline Detergent
- Prolystica® Ultra Concentrate Neutral Detergent

NOTE: STERIS does not promote, recommend, or endorse the use of any other type of chemical additives in the processing of articles in the Vision 1321/1327/1330L Cart and Utensil Washer/Disinfector, such as high alkaline detergents (pH >12), alcohol rinses, and liquid disinfectants, including hypochloric acid (bleach).

PREVENTIVE MAINTENANCE

A global network of skilled service specialists can provide periodic inspections and adjustments to help ensure low-cost peak performance. STERIS representatives can provide information regarding annual maintenance programs.

NOTES

1. Customers must ensure the washer/disinfector stands on a level noncombustible floor.
2. STERIS recommends that shutoff valves and vacuum breakers (not provided by STERIS) be installed on service lines, and that fused disconnect switches (with lockout in OFF position; not provided by STERIS) be installed in electric supply lines near the equipment.
3. Pipe sizes shown indicate terminal outlets only. Building service lines provided (not provided by STERIS), must supply the specified pressures and flow rates.
4. For all ventilation ducting from the washer, STERIS recommends installation of a dedicated corrosion-proof, water-tight duct, rated to an operating temperature of 210°F (99°C) or more, to the exterior of the building, sloped toward the washer with condensate drain connection.

5. Refer to Equipment Drawing for specific installation details.
6. STERIS recommends a well-lighted service area (if applicable), along with the provision of an electrical outlet for maintenance.
7. Always follow local electrical codes and safety-related work practices for wiring.

NOTES

Recommended Air Compressor

1. Rotary scroll air compressor must be located in a clean, well lit and ventilated area.
2. Never install the compressor where the ambient temperature is higher than 40°C (105°F), or where humidity is high. Clearance must allow for safe, effective inspection and maintenance. Minimum clearances required: above and sides, 610 mm (24"); electrical panel opening 1067 mm (42").
3. Never use any piping smaller than the compressor connection.

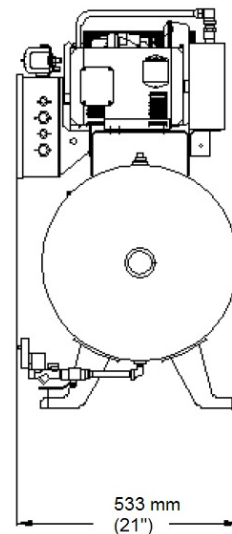
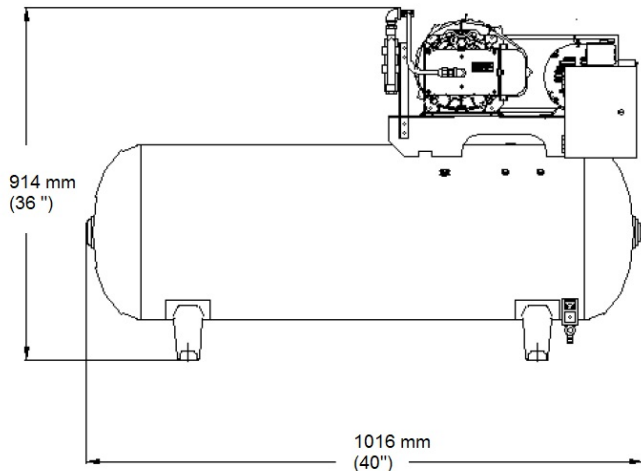
Refer to the Following Equipment Drawing for Installation Details		
	Equipment Drawing Number	Equipment Drawing Title
Steam Heated Configurations	920-517-287	Vision 1321 Washer/Disinfector – Pit-Mounted
	10250449	Vision 1321 Washer/Disinfector – Floor-Mounted
	920-513-916	Vision 1327 Washer/Disinfector – Pit-Mounted
	10250419	Vision 1327 Washer/Disinfector – Floor-Mounted
	10095619	Vision 1330L Washer/Disinfector – Pit-Mounted
	10242557	Vision 1330L Washer/Disinfector – Floor-Mounted
Electric Heated Configurations	10250450	Vision 1321 Washer/Disinfector – Pit-Mounted
	10250453	Vision 1321 Washer/Disinfector – Floor-Mounted
	10250421	Vision 1327 Washer/Disinfector – Pit-Mounted
	10250423	Vision 1327 Washer/Disinfector – Floor-Mounted
	10242558	Vision 1330L Washer/Disinfector – Pit-Mounted
	10242559	Vision 1330L Washer/Disinfector – Floor-Mounted

ENGINEERING DATA — RECOMMENDED AIR COMPRESSOR WITH AUTOMATIC TANK DRAIN									
SCFM @100 PSIG	Weight	db (A) Level	BTU/HR	Size	Capacity	Maximum Pressure	F.L.A./MOTOR		
							208 V	230 V	460 V
8.8	109 kg (240 lb)	69	7635	See Illustration	114 L (30 gal)	800 kPa (116 psig)	10.6	9.6	4.8

Recommended Air Compressor

Dimensions are typical - Recommended Air Compressor drawing is not to scale.

Not For Installation



Selections Checked Below Apply To This Equipment

VOLTAGE

Steam Heated:

200-208 V, 3-Phase, 60 Hz

380-400 V, 3-Phase, 60 Hz

380-415 V, 3-Phase, 50 Hz

460-480 V, 3-Phase, 60 Hz

Electric Heated:

380-400 V, 3-Phase, 60 Hz

380-415 V, 3-Phase, 50 Hz

460-480 V, 3-Phase, 60 Hz

CONFIGURATION

1321 Double Power Door (Pass-Through)

1327 Double Power Door (Pass-Through)

1330L Double Power Door (Pass-Through)

OPTIONS

Pure Water Line (FY03-0010)

Third Reservoir (FY03-0009)

Instrument Cycle (FY03-0011)

Seismic Anchorage (FY03-0013)

ACCESSORIES

Reduced Width (104") Unit (FD007)

Instrument Package (FD050):

Vision 1321 (FD051)

Vision 1327 (FD052)

Vision 1330L (FD053)

Floor Ramps for Floor Mounted Unit (Two) [FD324]

Nonservice Side Panels:

Vision 1321 (FD327)

Vision 1327 (FD331)

Vision 1330L (FD334)

Service Side Access Panels:

Vision 1321 (FD326)

Vision 1327 (FD330)

Vision 1330L (FD333)

Air Compressor (Available Only North America):

208 V
(AX84-100-000-000-001)

460 V
(AX84-100-000-000-003)

Common Service Area Junction Panels (FD328)

Bar Code Scanner (FD329)

Seismic Anchorage Pre-Install (FD335)

ACCESSORIES (Cont'd)

Additional Instrument Rack (FD360)

Lubricant Kit (FD006)

Vision Cart Washer/Disinfectant Container Cart (FD322)⁴

Vision Cart Washer/Disinfectant Utensil Cart (FD323)⁴

REMOTE MONITORING

ProConnect® Technical Support Services (Remote Monitoring, Priority Technical Support, Customer Care Center Access, Equipment Performance Reports) (GP09169)

ConnectAssure™ TECHNOLOGY (Connection Conduit, Sterile Supply Management and SPD Record Keeping Aid, Testing and Maintenance Reminders)

Item:	
Locations:	

For Further Information, contact:



STERIS Corporation
5960 Heisley Rd.
Mentor, OH 44060-1834 ■ USA
440-354-2600 ■ 800-548-4873
www.steris.com

The base language of this document is ENGLISH. Any translations must be made from the base language document.

CUSTOMER IS RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE LOCAL AND NATIONAL CODES AND REGULATIONS.

©2020, STERIS Corporation.
All rights reserved.

This document is intended for the exclusive use of STERIS Customers, including architects or designers. Reproduction in whole or in part by any party other than a Customer is prohibited.

4. Refer to Cart Washer Accessories Tech Data (SD956) for more information.

Pav A Basement / Phase 2 Specification Coversheet



Description: Dispenser, Toilet Paper

Manufacturer: Georgia Pacific ((866) 435-5647)

Vendor: Georgia Pacific ((866) 435-5647)

Model: Compact 2-Roll Side-By-Side Coreless (Black)

Surface mounted, high capacity, 2-roll side-by-side coreless toilet paper dispenser. Color: Black. Features: Delivers up to 6,000 sheets 1-ply or 3,000 2-ply tissue, transfer paddle, key lock, 10 year warranty. ADA compliant when mounted properly. Direct wall mount or optional bracket mount (54019).

Atta ID: 6391-074

Alt ID:

Mfr #: 56784A

Vendor #: 56784A

CAD ID: DSP1123

Item ID:

General Product Detail

Arch Sig: Yes	Spatially Sig: No
Arch Code: 1-Fixed	ADA: Yes
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/C	Type: Non-Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: 10.75 in (273 mm)	Left: N/A
Depth: 7.15 in (182 mm)	Right: N/A
Height: 7.15 in (182 mm)	Front: N/A
Max Weight: 2 lbs (0.7 kg)	Back: N/A
Mounting: Wall	Top: 1.50 in (38 mm)
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Structural Requirements

Seismic: No	Pre-approval:
--------------------	----------------------

Product and Project Item Notes

Specification:

Service clearance required for top cover key lock. Optional bracket mount requires larger top clearance of 2.5".

Structural:

Electrical:

Plumbing:

Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials		Toilets	Project	Draft (New)	8	

Total: 8



Georgia-Pacific

REFERENCE GUIDE: 56783A, 56784A, 56796A, 56797A, 56798, 56784AKB, 56796AKB

Compact® Side-by-Side Tissue Dispenser

For questions regarding this dispenser or for replacement parts, please call: 1-866-HELLO GP (1-866-435-5647).

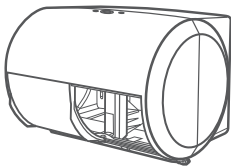
Si tiene preguntas sobre este dispensador o desea adquirir piezas de repuesto, llame al número: 1-866-HELLO GP (1-866-435-5647).

Pour toutes questions concernant ce distributeur ou pour des pièces de rechange, veuillez composer le 1-866-HELLO GP (1-866-435-5647).

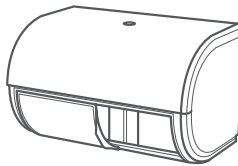
Visit gppro.com to learn more about all of our products and solutions.

Visite el sitio web gppro.com para conocer más sobre nuestros productos y soluciones.

Visitez gppro.com pour en savoir plus sur l'ensemble de nos produits et de nos solutions.

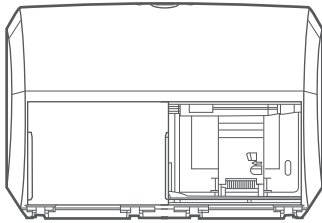


56783A, 56784A, 56796A, 56797A

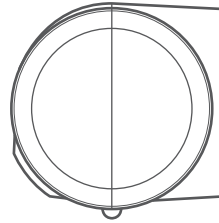


56798

10.75 in



7.15 in

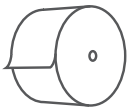


7.15 in

Replacement Parts | Piezas de repuesto | Pièces de rechange

1-866-435-5647

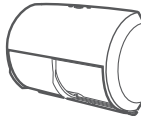
www.gppro.com



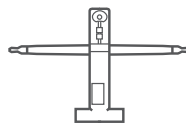
Refill
Repuesto
Recharge



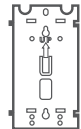
Key
Llave
Clé
SKU: 50504



Cover
Cubierta
Couvercle
BLACK SKU: 56751
WHITE SKU: 56754
GREY/BLUE SKU: 56752
FAUX SS SKU: 56753
SS SKU: ?????



Spindle Assembly
Conjunto de eje
Ensemble tige
SKU: xxxx

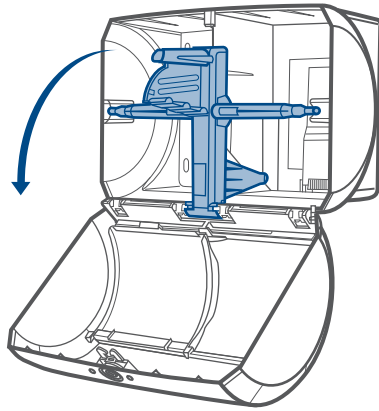


Mounting Bracket
Soporte de montaje
Support de montage
SKU: 54019

A With cover open, move spindle system downward.

Con la cubierta abierta, tire hacia abajo el sistema de ejes.

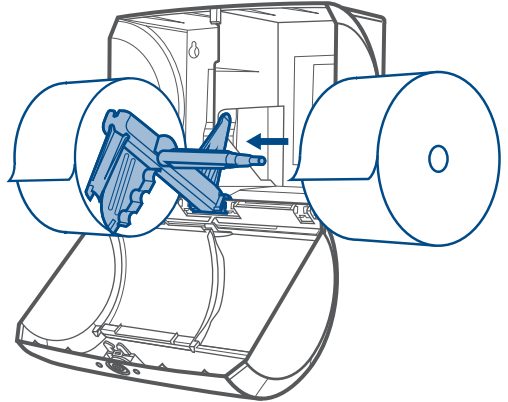
Avec le couvercle ouvert, descendez l'ensemble tige.



B Place rolls onto spindles so tissue dispenses from top.

Coloque los rollos en los ejes de manera que el papel se desenrolle por la parte superior del rollo.

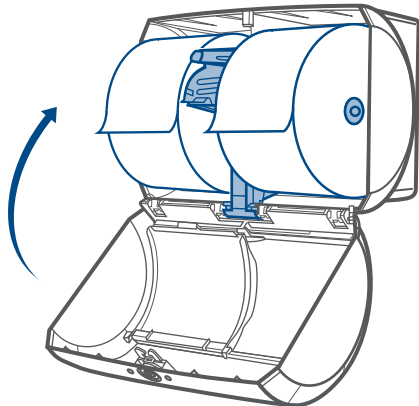
Mettez les rouleaux sur les tiges de façon à ce que le papier arrive par le dessus.



C Close cover. The Compact® Side-by-Side Tissue Dispenser is now ready for operation.

Cierre la cubierta. El dispensador doble de pañuelos de papel Compact® ya está listo para usar.

Fermez le couvercle. Le distributeur côte-à-côte Compact® peut maintenant être utilisé.



ADA compliant when installed according to ADA installation instructions.

Cumple con lo establecido por la ADA (Ley de Estadounidenses con Discapacidades) si se lo instala siguiendo las instrucciones de la ADA.

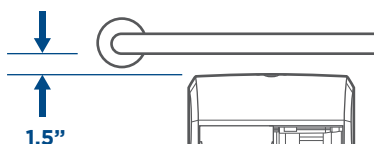
Conforme aux normes de l'ADA (la loi américaine en faveur des personnes handicapées) lorsqu'installé selon les instructions de l'ADA.

- 1 Position unit on wall so that the top is level. With the front cover open, mark screw locations where indicated. NOTE: Top of the dispenser should be at least 1.5" below any grab bars or other objects to ensure clearance for unlocking the unit with the key.**

Ubique la unidad sobre la pared de manera que la parte superior quede recta. Con la cubierta frontal abierta, marque las ubicaciones de los tornillos donde se indica. NOTA: La parte superior del dispensador debe estar al menos 1,5" por debajo de cualquier barra de agarre u otros objetos para asegurar que queda el espacio necesario para destrabar la unidad con la llave.

Placez l'unité au mur avec le dessus de niveau. Avec le couvercle avant ouvert, marquez les emplacements de vis comme indiqué.

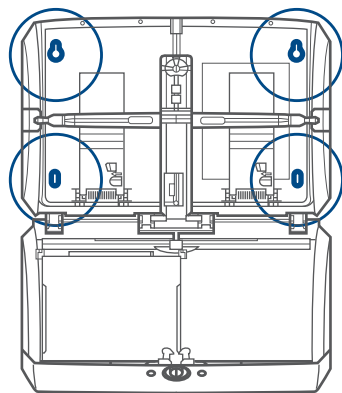
REMARQUE : Le dessus du distributeur devrait être à au moins 1,5" (3,75 cm) sous toute barre d'appui ou autre élément afin qu'il soit possible de le déverrouiller avec la clé.



- 2 Secure unit to wall with four anchored screws in locations previously marked.**

Asegure la unidad a la pared con cuatro tornillos colocados en las ubicaciones marcadas previamente.

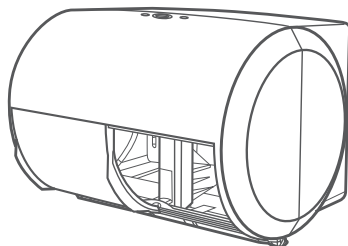
Fixez l'unité au mur avec quatre vis ancrées dans les emplacements marqués précédemment.



- 3 Close Cover. Installation is complete. For instructions on how to load tissue, proceed to the last page.**

Cierre la cubierta. Terminó la instalación. Para obtener instrucciones sobre cómo colocar pañuelos de papel, consulte la última página.

Fermez le couvercle. L'installation est terminée. Pour obtenir des instructions sur la manière de charger le papier, reportez-vous à la dernière page.



! The steps below describe using a mounting bracket (#54019 sold separately) to fasten the dispenser to a wall.

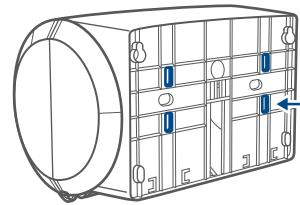
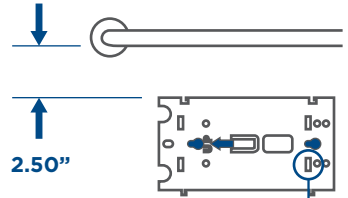
Las siguientes instrucciones describen cómo utilizar un soporte de montaje (n.º 54019 que se vende por separado) para asegurar el dispensador a la pared.

Les étapes ci-dessous décrivent l'utilisation d'un support de montage (no 54019; vendus séparément) pour fixer le distributeur au mur.

- 1** Position bracket as shown with the arrow facing left. With the top level, secure bracket to wall with two anchored screws using the keyhole slots indicated. **NOTE:** Top of the bracket should be at least 2.50" below any grab bars or other objects to ensure clearance for unlocking the unit with the key.

Coloque el soporte como se muestra y con la flecha señalando hacia la izquierda. Con la parte superior, asegure el soporte a la pared con dos tornillos fijados en las ranuras perforadas indicadas. **NOTA:** La parte superior del soporte debe estar al menos 2,50" por debajo de cualquier barra de agarre u otros objetos para asegurar que queda el espacio necesario para destrabar la unidad con la llave.

Placez le support comme montré, avec la flèche pointant vers la gauche. Avec le dessus du support de niveau, fixez le support au mur avec deux vis ancrées, dans les fentes indiquées. Remarque : Le dessus du support devrait être à au moins 2,50" (6,25 cm) sous toute barre d'appui ou autre élément afin qu'il soit possible de déverrouiller le distributeur avec la clé.



- 2** Fit dispenser on bracket engaging all clips as indicated. Lock into place by gently sliding dispenser to the right until it clicks into place.

Ajuste el dispensador sobre el soporte fijando todas las trabas como se indica. Asegure el dispensador en su lugar deslizándolo suavemente hacia la derecha hasta escuchar un "clik".

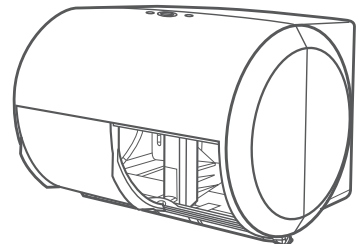
Installez le distributeur sur le support en engageant toutes les attaches, comme indiqué. Fixez-le en place en le glissant doucement vers la droite jusqu'à ce qu'il se mette en place avec un clic.



- 3** Installation is complete. For instructions on how to load tissue, proceed to the last page.

Terminó la instalación. Para obtener instrucciones sobre cómo colocar pañuelos de papel, consulte la última página.

L'installation est terminée. Pour obtenir des instructions sur la manière de charger le papier, reportez-vous à la dernière page.



Pav A Basement / Phase 2

Specification Coversheet



Description: Sterilizer, Steam, Recessed

Manufacturer: STERIS Corporation - Healthcare ((440) 354-2600)

Vendor: STERIS Corporation - Healthcare ((440) 354-2600)

Model: Amsco 600 DD/2-Wall 63'D, 480V (1563V-1)

Atta ID: 6479-200

Alt ID:

Mfr #: EF1302340

Vendor #: EF1302340

CAD ID: STE0669

Item ID:

Recessed through 2-Wall sterilizer with double sliding doors and external supplied steam 480V. Features 724L capacity, pneumatic-driven door, microprocessor based control system featuring touch screen, fully jacketed chamber construction manufactured from AISI 316L stainless steel, full structural jacket is manufactured from AISI 304 stainless steel. High resolution (8 dots/mm) thermal printer, cycle storage/cycle reprint, sterile (Unload Side) control panel, configurable cycles including conditioning phase, exposure phase, and drying phase.

General Product Detail

Arch Sig: Yes	Spatially Sig: Yes
Arch Code: 1-Fixed	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/V	Type: Medical
	Green: No

Electrical Requirements

Volts: 480	Watts: 3360
Hz: 60	Amps: 7.00
Phase: 3-Phase	BTU/hr: 5620
KVA:	Ded. Circuit: Yes
Emer. Power: No	Plug Type: Hardwire

Physical Requirements

Width: 39.38 in (1000 mm)	Left: N/A
Depth: 76.88 in (1953 mm)	Right: N/A
Height: 89.06 in (2262 mm)	Front: N/A
Max Weight: 3185 lbs (1444.7 kg)	Back: N/A
Mounting: Floor	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: Yes	Gasses: Yes
Water - Hot: No	Drain: Yes
Water - Treated: No	Steam: Yes
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: Yes	

Product and Project Item Notes

Structural Requirements

Seismic: Yes	Pre-approval:
---------------------	----------------------

Specification:

Max Weight based on chamber fully loaded with instruments.

Sterilizer Electric: 440-480 VAC, 3-Phase, 60 HZ - Current 7 Amps, Max. Protection 20 Amps.

BTU/HR reflects at each end. BTU/HR between walls: 1060
See Installation document for more installation details.

Structural:

Electrical:

Plumbing:

Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B403	Clean Work	Project	Draft (New)	4	

Total: 4



APPLICATION

AMSCO 600 Series Steam Sterilizers are configured for prevacuum and gravity sterilization of heat and moisture-stable medical devices and their accessories used in healthcare facilities.

DESCRIPTION

AMSCO 600 Series Steam Sterilizers are equipped with the latest features in both state-of-the-art technology and ease of use. Sterilizer is designed to be completely serviced from the front of the sterilizer, minimizing the footprint.

Chamber sizes – AMSCO 600 medium steam sterilizers are available in three sizes, with interior chamber dimensions (W x H x L) and capacities as follows:

- 26.5 x 26.5 x 39" (673 x 673 x 990 mm); 449L
- 26.5 x 26.5 x 51" (673 x 673 x 1295 mm); 587L
- 26.5 x 26.5 x 63" (673 x 673 x 1600 mm); 725L

Clean steam-ready – All AMSCO 600 series sterilizers include a fully-jacketed chamber with stainless piping for steam delivery.

Vertical-sliding door(s) – Pneumatically-driven doors are operated from a button on the touch screen; and travel down vertically to open.

Control – includes a STERIS micro-processor based control system featuring a touch-sensitive screen. See pages 2 and 3 for details.

STANDARDS

Each AMSCO 600 sterilizer meets applicable requirements of the following listings and standards, and carries the appropriate symbols:

- **Underwriters Laboratory (UL) Standard 61010-1** as certified by Intertek (ETL Registered).



AMSCO 600 Series Steam Sterilizer

(Typical - details may vary)

- **Canadian Standards Association (CSA) C22.2 61010-1** as certified by Intertek (ETL registered).
- **ASME Code, Section VIII, Division 1** for unfired pressure vessels. The pressure vessel is so stamped; ASME Form U-1 is furnished. The shell and door are constructed to withstand a working pressure of 45 psig (3.1 bar).
- **ANSI/AAMI ST8:2013**, Hospital Steam Sterilizers
- **Note:** AMSCO 600 AAMI (Domestic) Unit is IEC/UL certified to 400V

FEATURES

Chamber and Jacket

The AMSCO 600 series sterilizer chamber has a 26.5 x 26.5" (673 x 673 mm) cross section and is sized to allow for efficient high-volume processing of sterilization containers, trays and packs.

Selections Checked Below Apply To This Equipment

AMSCO 600 SERIES MODELS

- 939V-1; 39" (990 mm)
- 1251V-1; 51" (1295 mm)
- 1563V-1; 63" (1600 mm)

SINGLE DOOR MOUNTING

- Recessed
- Cabinet enclosed/free-standing (includes Top Panel)
- Rear Cabinet Panel (Option)

DOUBLE DOOR MOUNTING (Recessed)

- Through two walls
- Through one wall

STEAM SOURCE

- Facility Steam
- Stainless-Steel Integral Electric Steam Generator

STERILIZER ELECTRICAL SERVICE

- 208 - 240 V, 60 Hz *Sterilizer*
- 440 - 480 V, 60 Hz *Sterilizer*
- 380-400 V, 50/60 Hz *Sterilizer*
- Include Service for Integral Electrical Steam Generator 208 - 240 V, 50/60 Hz
- Include Service for Integral Electrical Steam Generator 440 - 480 V, 50/60 Hz
- Include Service for Integral Electrical Steam Generator 380-415 V, 50/60 Hz

WATER CONSERVATION OPTIONS

- STERI-GREEN Water Re-Circulating System
- STERI-GREEN PLUS Chilled Water Loop Re-Circulating System

ACCESSORIES

- Seismic Kit
- Flush and Drain Kit
- Air Compressor

- 600V Transformer (440-480V Sterilizer Required)

CONNECTIVITY

- ConnectAssure

LOADING ACCESSORIES

- Manual Loading - refer to Tech Data 10304914**
- Loading car and transfer carriage
- Rack and shelf (39" Chamber Length Unit Only)
- Chamber rails
- Loading car extraction hook (Telescopic: adjustable length: 47-71" (1041-1803 mm))

Item _____

Location(s) _____

Fully jacketed chamber construction reduces internal condensation. The chamber is manufactured from AISI 316L stainless steel, as is the chamber door; and the full structural jacket is manufactured from AISI 304 stainless steel.

Pressure Vessel

All pressure vessels are designed and manufactured in accordance to the required pressure vessel standards. An identification nameplate is permanently mounted on each pressure vessel. Features include:

- Chamber steam baffle provides uniform steam distribution to the chamber.
- Chamber and jacket are provided with safety relief devices.
- Chamber bottom is sloped to promote drainage of condensate.
- Pressure vessel and doors are insulated with 30 mm of mineral wool (R-Value = 3.3 hr.ft².F/BTU). Jacket is covered with rigid aluminum cladding. Door is covered with stainless-steel cladding.
- Chamber drain port is provided with removable debris screen for easy cleaning.
- Each pressure vessel is hydrostatic pressure tested.
- Chamber is designed to operate from full vacuum to a maximum allowable working pressure of 45 psig (3.1 bar g).
- Jacket is designed for a maximum working pressure of 36 psig (2.5 bar g) internal pressure.
- Pressure vessel penetrations include compression and Tri Clamp fittings, where applicable.
- Sterilizer models 1251V-1 and 1563V-1 (the 51 and 63" deep chamber units) use removable 316L stainless-steel chamber rails. The rails support the loaded car within the chamber.
- Sterilizer model 939V-1 (the 39" deep chamber unit) can be equipped with rails for use with loading car and transfer carriage, or with rack and shelves for scenarios where floor space is limited.

Door Design

AMSCO 600 Series Steam Sterilizers are available with one or two vertical sliding doors. Each door is sealed to chamber by a steam-activated gasket which requires no lubrication.

- Chamber and jacket pressure gauges are provided on the front face (non-sterile side) of the sterilizer. A chamber pressure gauge is provided on the sterile side of double door units.
- Touch-sensitive safety edge stops doors from closing in case of obstruction.
- Control lock-out switch prevents cycle from starting if door is not fully closed.
- Door interlocks, on double door units, ensure only one door can be opened at a time.

Electrical Design

Electrical design includes the following features:

- Standard configuration requires one 3-phase connection.
- Design ensures fail-safe operation in event of an operational abnormality.
- Emergency stop (E-STOP) present by each door for critical situations. When pushed, the E-STOP turns off all outputs from the control and triggers an emergency stop pressed alarm. When released, an emergency stop released alarm occurs. If in-cycle, an abort screen displays, prompting operator to abort the cycle; otherwise the sterilizer returns to an idle condition.

Panel and Frame Assembly

The panel and frame assembly supports pressure vessel, piping, electrical components and fascia panels.

- Frame is a fully welded structure fabricated from carbon steel and painted with corrosion and heat resistant epoxy paint. Frame includes adjustable stainless-steel legs for leveling the unit.
- Sterilizer is designed and manufactured to allow access for maintenance and service from loading end.
- Loading and unloading ends of sterilizer are covered with AISI 304 stainless steel fascia panels polished to a No. 3 finish in accordance with American Society for Testing and Materials (ASTM) (EN 10088-2: 2G).
- Fascia panels are easy to remove to save time and effort during maintenance.

Piping

AMSCO 600 series sterilizers include four piping subsystems; one for each utility supply and one for drainage as follows:

- Steam • Compressed Air • Water • Chamber Drain

Manual-shutoff ball valves located on water, steam and air lines isolate the respective utilities when required.

Steam supply piping and associated valves are made of stainless steel for clean steam.

Two-stage Vacuum Pump provides quiet and efficient operation and deep vacuum for better drying; and results in lower water consumption than is seen with water ejector systems.

Sensors for Temperature and Pressure

AMSCO 600 series sterilizers include sensors for independent control and recording of temperature per AAMI ST8. Additionally, one sensor is used for controlling and recording pressure.

Effluent Cooling

Drain effluent discharge is cooled with a mixing tank. Water usage is minimized through thermal detection.

Sterile Air Filter

Air entering the chamber is filtered through a 0.2-micron hydrophobic sterilizer air filter.

Steam Pressure Regulating Valve (PRV)

PRV regulates incoming steam pressure to within the 42 ±1 psig (2.9 bar g) limit.

Pneumatic Valves

System pneumatic valves are designed and constructed for long life and low maintenance.

STERI-GREEN Water Re-Circulating System- option uses up to 35% less water per cycle than units without a re-circulating system. Water consumptions are based on the water temperature, pressure and flows listed in the consumption table. Sterilizer water consumptions and vacuum efficiency may vary based on facility feed water tolerances. This system recovers water to a reservoir to be recycled and reused.

STERI-GREEN Plus Chilled Water Loop System-option uses 99% less water per cycle than standard units. This system maximizes water savings by connecting into facility's chilled water system in a closed loop. System includes a bypass valve to revert to potable water use if chilled water is temporarily not available.

MOUNTING ARRANGEMENT

The sterilizer is designed for either freestanding or recessed installation. Each sterilizer is height adjustable.

AISI 201/AISI 304 stainless-steel side panels and vented top panel [and optional back panel] are designed to enclose both sides, top [and back] of a single door sterilizer to conceal internal piping and mechanical and electrical components.

Recessed-mounted sterilizers are provided with a trim kit to isolate the service area and assist with air management.

CONTROL SYSTEM

Design Features

The proprietary AMSCO 600 control system consists of a real time operating system, microcomputer control boards, and peripheral function circuit boards. An Internal flash memory stores all cycle memory.

The cycles available on the AMSCO 600 Steam Sterilizer facilitate efficient processing. The unit offers 35 user-programmable[†] cycle options, including prevacuum and gravity cycles designed for steam sterilization of various types of products such as instruments (in trays) and rigid containers, textiles, and pouched items. The AMSCO 600 Steam Sterilizer also offers standard test cycles (Warm-up, Bowie-Dick/air removal and leak test). All processing cycles offer user-programmable options, allowing operators to customize sterilize times above AAMI recommended minimums, temperatures within cleared 270-275°F (132-135°C) range and dry times from 0-120 minutes to meet various instrument manufacturer IFUs[‡]. AMSCO 600 Medium Steam Sterilizers come standard with a 2-stage electric vacuum pump that provides a fast, deep vacuum for more efficient drying.

[†] *This consists of six factory-set cycles, three test cycles and 26 additional cycles that a Customer can add to meet specific processing requirements.*

[‡] *Cycle parameters cannot be adjusted to less than preset, validated settings.*

NOTE: *An under-temperature or over-temperature condition causes the controller to abort the cycle.*

Operator interface control panel, consisting of a touch screen display and thermal printer, is located on the operating end of the sterilizer.

- **Touch-sensitive screen** is a 8.4" (213.4 mm) 8-bit color graphics display located at an ergonomic height, and easily accessible to the operator on the right side of the sterilizer. The control touch screen, from which all sterilizer functions are controlled, features a wide viewing angle and high-visibility backlighting.

The display indicates any abnormal conditions that may exist, either in or out of cycle. Displayed messages are complete phrases with no codes to be cross-referenced.

- **Thermal printer** – High Resolution (8 dots/mm) thermal printer is fast and quiet, printing 25 lines/minute on industrial grade thermal paper. Printout has a guaranteed shelf-life of 25 years and is resistant to exposure from steam, alcohol, UV and visible light, oil, heat and water. On double-door sterilizers, the printer is located on the sterile (unload) side.
- **Cycle Storage / Cycle Reprint** – Sterilizer stores up to the last 300 cycles on internal memory and alerts the operator when 270 cycles are saved. These internally stored cycles can be retrieved, viewed, printed or copied to a USB stick. The sterilizer includes a USB port below the E-Stop on both the OE and NOE panels. When a port is occupied with a USB stick, cycle log data can be saved to the stick.

- **Sterile (Unload Side) control panel**, located on double-door sterilizers only, includes a full-size touch-sensitive screen identical to the operating end screen. Preprogrammed cycles can be started from the sterile side control panel. The display concurrently shows the same information as the sterilizer loading end screen display.

Cycle configuration is performed by accessing the change values menu through the operating end touch screen. The change values menu can be used to adjust cycle values and the following operating parameters:

- **Time display and printout units** – AM/PM or 24-hour.
- **Access code** – a four-digit access code is required to change cycle values.
- **Sound options** – touch screen control includes buttons for selecting a volume level of Low, Medium, or High for:
 - > Touch Tone
 - > End of Cycle Sound
 - > Alarm Sound

Each of the three signals can be independently adjusted, for example, the touch tone can be set to Low, End of Cycle to Medium, and Alarm Sound to High.

A Cycle End Duration button allows the user to set a value within the range of 0 to 90 seconds, determining how long the End of Cycle Sound will continue to signal.

- **Temperature display and printout** can be set to Fahrenheit (°F) or Celsius (°C) and displayed/printed to nearest 1° increment.
- **Pressure/vacuum display and printout units** can be set to PSIA, PSIG, mbar, or kPa.

HEALTHCARE CYCLES

Description

AMSCO 600 Series Steam Sterilizers are provided with prevacuum and gravity cycles designed for steam sterilization of various types of products such as instruments (in trays) and rigid containers, textiles, and products in pouches.

Pre-Set Cycles

AMSCO 600 is pre-configured with the following cycles:

Pre-set Cycles

Cycle Type and Use	Temperature	Sterilize Time	Dry Time
Prevacuum		<i>Minutes</i>	
<i>Instrument Trays</i>	270°F (132°C)	4	30
<i>Single Pack Fabric</i>	270°F (132°C)	4	5
<i>Full Load Fabric</i>	270°F (132°C)	4	20
<i>Immediate Use</i>	270°F (132°C)	4	1
<i>Instrument Trays</i>	275°F (135°C)	3	30
Gravity			
<i>Instrument Trays</i>	250°F (121°C)	30	30
Test			
<i>Warm-up</i>	270°F (132°C)	3	1
<i>Bowie-Dick/Air Removal</i>	270°F (132°C)	3.5	1
<i>Leak Test</i>	15 Minute Leak Hold Period		

Configurable Cycles

Configurable operating parameters enable the Customer to develop and optimize cycles for a variety of applications. All cycles consist of three separate phases as follows:

- **Conditioning phase:** this phase removes air from the chamber prior to the exposure phase. Prevacuum and Gravity-displacement Air Removal Cycles are available. After air removal, the chamber heats up to reach the defined exposure temperature.
- **Exposure phase:** The standard process operates with time based exposure. The timer runs only when the chamber reaches and maintains the pre-selected exposure temperature.
- **Drying phase:** The drying phase uses vacuum to evaporate moisture from the chamber and load.

Test Cycles

AMSCO 600 sterilizers are pre-programmed with the following three test cycles.

- **Warm-Up Cycle** is run to heat the sterilizer chamber and jacket to set temperature. The operator typically runs a warm up cycle prior to running a Bowie-Dick/Air Removal Test Cycle or Leak Test.
- **Bowie-Dick Test Cycle** is used to test prevacuum cycles for verification of effective air removal in chamber and load, in other words, the test cycle determines whether the vacuum system is operating properly so the sterilizer can be used for pre-vacuum cycles. The cycle is programmed with pre-set parameters and should be run daily. Test packs should be placed in an empty chamber directly over the drain on the bottom rack or shelf.
- **Leak Test** is a standard test provided for verification of chamber and piping integrity and should be run weekly, with results recorded. The test uses a 15 minute leak hold period.

STEAM SOURCE OPTIONS

Integral Electric Steam Generator (45 kW)

The optional 45 kW Integral Electrical Steam Generator is designed to produce clean steam. To prevent generator malfunction, feed water must be either deionized or RO, per ASME Pressure Vessel Code 5.3.

The system is located beneath the sterilizer chamber and includes feed water system, steam generation system and controls. All generator components can be completely serviced from the front of the sterilizer.

The Integral Electrical Steam Generator is provided with the following features:

- The pressure vessel meets the ASME pressure vessel code.
- The AISI 316L stainless-steel vessel is rated for 45 psig (3.1 bar g) per code requirements and stamped.
- The heating element contains stainless-steel AISI 316L tubular elements.
- The unit is equipped with two float switch style water level sensors.

Feed water booster pump – included on all AMSCO 600 sterilizers that are equipped with the integral steam generator option. The booster pump maintains the flow of feed water at a rate sufficient to ensure efficient operation of the sterilizer.

Steam Generator Bypass Valve

A ball valve permits the quick exchange of steam source from the integral generator to a stand-alone generator or facility steam source.

CONNECTIVITY OPTIONS

AMSCO 600 Sterilizers are equipped for the following connectivity options.

ConnectAssure

ConnectAssure Technology™ is an electronic record management system that collects cycle information from STERIS equipment to be displayed in an SPD (Sterile Processing Department) tracking system or in the ConnectAssure software interface.

Note: ConnectAssure Data Export is required for the electronic transmission of cycle data over the network to a SPD tracking system. For additional information refer to ConnectAssure Technology™ tech data 10515801.

SPM®

SPM is a networked sterile processing workflow management software application which provides the essential tools for managing assets, supporting staff, disciplining processes and delivering high-quality outcomes the OR requires.

SSi™- Steam Sterilizer Interface

This SPM Steam Sterilizer interface allows for automatic, electronic documentation of load information from STERIS sterilizers to SPM thus simplifying and streamlining the highest frequency process in SPD.

ACCESSORIES

Manual Loading Accessories

Manual loading accessories for AMSCO 600 series sterilizers include the following:

- Chamber rails
- Racks and shelves (39" Chamber Length Units only)
- Loading cars
- Loading car shelves
- Loading car extraction hook
- Transfer carriages (fixed and variable height)
- PouchCare (Rack for peel pouches)

Refer to the tech data, Manual Loading Accessories for AMSCO 600 Series Medium Steam Sterilizers (p/n 10304914), for details pertaining to the above items. For details pertaining specifically to PouchCare, refer to marketing document M3557EN.

PREVENTIVE MAINTENANCE

Preventive Maintenance programs designed to maximize equipment uptime can be tailored to meet Customer requirements. A typical contract provides preventive maintenance site visits twice per year. This maintenance is performed by factory trained STERIS Technicians following documented preventive maintenance procedures to inspect and adjust the equipment. The exact Customer requirements can be determined by a visit with the STERIS District Service Manager before the equipment arrives.

A maintenance-training program can be designed to provide training on preventive maintenance and first response troubleshooting. Training can be scheduled by contacting STERIS.

NOTE: For detailed information always refer to associated equipment drawings.

UTILITY REQUIREMENTS

Refer to the following tables for basic information pertaining to required utilities, connection types, and consumption.

ENGINEERING DATA / UTILITY REQUIREMENTS							
Drain	1-1/2" ODT drain terminal (Gravity drain must be able to handle peak water capacity of 15 gpm (57 LPM))						
Electric	Control and Vacuum Pump						
	208-240 Volt, 3-phase, 60 Hz, 10 Amps, recommended protection 20 Amps. #12 [3.31] AWG						
	380-400 Volt, 3-phase, 50/60 Hz, 7 Amps, recommended protection 20 Amps. #12 [3.31] AWG						
Facility Steam	440-480 Volt, 3-phase, 60 Hz, 7 Amps, recommended protection 20 Amps. #12 [3.31] AWG						
	Size: 3/4" NPT stainless steel fitting. Pressure: 50 to 80 psig (3.45 to 5.5 bar), dynamic, condensate free, and 97 to 100% vapor quality.						
Steam Consumption 270°F (132°C) Cycle	Average Consumption	Peak Consumption	Sterilizer Operating Wt.	Model	Chamber Volume		
Inches (mm)	lb (kg) / Cycle	lb (kg) / hr	lb (kg)		Liter	Cubic Feet	Cubic Inches
26.5 x 26.5 x 39 (673 x 673 x 991)	35 (16)	310 (141)	2800 (1270)	939V-1	448.8	15.8	27388
26.5 x 26.5 x 51 (673 x 673 x 1295)	45 (20)	310 (141)	3135 (1422)	1251V-1	586.9	20.7	35815
26.5 x 26.5 x 63 (673 x 673 x 1600)	55 (25)	310 (141)	3470 (1573)	1563V-1	725.0	25.6	44242
Cold Water	Size: 3/4" NPT. Pressure: 20 to 50 psig (1.4 to 3.5 bar), dynamic.						
	Temperature: 40-70°F (4-21°C). Peak Flow (all units): 12 gpm (45 Lpm)						
Average Consumption	Standard Water Consumption (Average)		Steri-Green Water Consumption		Ster-Green + Consumption		
Inches (mm)	gal (L) / cycle		gal (L) / cycle		gal (L) / cycle		
26.5 x 26.5 x 39 (673 x 673 x 991)	97 (367)		63 (238)		0.5 (2)		
26.5 x 26.5 x 51 (673 x 673 x 1295)	112 (424)		72 (272)		0.5 (2)		
26.5 x 26.5 x 63 (673 x 673 x 1600)	128 (484)		83 (314)		0.5 (2)		
Compressed Air	1/2" NPT 80-100 psig (5.5 to 6.9 bar psig), dry, oil free, 3 scfm.						

ENGINEERING DATA / UTILITY REQUIREMENTS

Optional Stainless Steel Integral Steam Generator (45 kW)	RO / DI Water General information and consumption	1/2" NPT; hot water temperature 70-140°F 21-(60°C). Generator Drain: 1/2" NPT		
		Model 939V-1	4.2 gal/cycle	(16 L/cycle)
		Model 1251V-1	5.4 gal/cycle	(20 L/cycle)
		Model 1563V-1	6.6 gal/cycle	(25 L/cycle)
	Heater Electric	208-220 VAC, 50/60 Hz, 119 Amps, recommended protection 150 Amps, 3-phase minimum, 1/0 [53.49] AWG		
		230-240 VAC, 50/60 Hz, 113 Amps, recommended protection 150 Amps, 3-phase minimum, 1/0 [53.49] AWG		
		380-415 VAC, 50/60 Hz, 64 Amps, recommended protection 80 Amps, 3-phase minimum, 4 [21.15] AWG		
		440-480 VAC, 50/60 Hz, 57 Amps, recommended protection 80 Amps, 3-phase minimum, 4 [21.15] AWG		
	Control Electric	120 Vac, 50/60 Hz, 10 Amps, recommended protection 20 Amps, 12 [3.31] AWG		
	Boiler Weight	Boiler Weight (Empty): 237 lb (108 kg)		
Boiler Weight (Operating): 285 lb (129 kg)				

Additional Specification	Noise Level	64 dBa
---------------------------------	--------------------	--------

SAFETY RELIEF VALVE PARAMETERS			
Safety Relief Valve	PRESSURE	TEMPERATURE	CONNECTION
CHAMBER	45 PSIG max 3.1 bar(g) max	293°F (145°C)	1" NPT
JACKET	36 PSIG 2.5 bar(g) max	282°F (139°C)	1" NPT
OPTIONAL INTEGRAL ELECTRIC STEAM GENERATOR (ESG)	45 PSIG 3.1 bar(g) max	293°F (145°C)	1" NPT

CUSTOMER IS RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE LOCAL AND NATIONAL CODES AND REGULATIONS.

Associated Documents	
Document Title	Document Number
AMSCO 600 MAINTENANCE MANUAL	Dwg. No. 10330608
EQUIPMENT DRAWING, AMSCO 600, 39", 51" & 63" LG. SLIDING, SD, RECESSED WALL, STEAM HEAT	Dwg. No. 10307698 (p/n 11001835)
EQUIPMENT DRAWING, AMSCO 600, 39", 51" & 63" LG. SLIDING, SD, CABINET, STEAM	Dwg. No. 10336741 (p/n 11001836)
EQUIPMENT DRAWING, AMSCO 600, 39", 51" & 63" LG. SLIDING, DD, RECESSED 1 WALL, CABINET, STEAM HEAT	Dwg. No. 10336576 (p/n 11001837)
EQUIPMENT DRAWING, AMSCO 600, 39", 51" & 63" LG. SLIDING, DD, RECESSED 2 WALLS, STEAM HEAT	Dwg. No. 10308020 (p/n 11001829)
EQUIPMENT DRAWING, AMSCO 600, 39", 51" & 63" LG SLIDING, DD, RECESSED 1 WALL, CABINET, STEAM GENERATOR	Dwg. No. 10802437 (p/n 11008536)
EQUIPMENT DRAWING, AMSCO 600, 39", 51" & 63" LG SLIDING, DD, RECESSED 2 WALLS, STEAM GENERATOR	Dwg. No. 10786670 (p/n 11008534)
EQUIPMENT DRAWING, AMSCO 600, 39", 51" & 63" LG SLIDING, SD, CABINET, STEAM GENERATOR	Dwg. No. 10778442 (p/n 11008531)
EQUIPMENT DRAWING, AMSCO 600, 39", 51" & 63" LG SLIDING, SD, RECESSED WALL, STEAM GENERATOR	Dwg. No. 10749736 (p/n 11008529)
EQUIPMENT DRAWING, 75kVA 600 VAC TRANSFORMER	11015196
EQUIPMENT DRAWING, 75kVA 220/240 VAC TRANSFORMER	11022025
EQUIPMENT DRAWING, AMSCO 600, STERI-GREEN PLUS, STER- GREEN 26.5 X 26.5, 39, 51, 63	11016486

For further information, contact:

STERIS[®] STERIS Corporation
5960 Heisley Road
Mentor, OH 44060-1834 • USA
440-354-2600 • 800-548-4873
www.steris.com



**The base language of this document is ENGLISH.
Any translations must be made from the base
language document.**

Pav A Basement / Phase 2

Specification Coversheet



Description: Cart, Equipment, Endoscope Staging/Transport
Manufacturer: STERIS Corporation - Healthcare ((440) 354-2600)
Vendor: Cantel Medical Division (Acquired By Steris) ((800) 328-3340)
Model: CLEANASCOPE 10 Tray

Atta ID: 6807-006

Alt ID:

Mfr #: 103467

Vendor #: 103467

CAD ID: EQC0111

Item ID:

10 tray endoscope transportation and storage system that offers visual identification of clean versus contaminated endoscopes.

General Product Detail

Arch Sig: No	Spatially Sig: No
Arch Code: 3-Movable, Non-Elect	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/O	Type: Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: 25.20 in (640 mm)	Left: N/A
Depth: 22.10 in (561 mm)	Right: N/A
Height: 63.50 in (1613 mm)	Front: N/A
Max Weight: 70 lbs (31.8 kg)	Back: N/A
Mounting: Floor-Mobile	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Product and Project Item Notes

Structural Requirements

Seismic: No	Pre-approval:
--------------------	----------------------

Specification:

Structural:

Electrical:

Plumbing:

Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B421	Hold Clean	Project	Draft (New)	2	

Total: 2

CLEANASCOPE™ ADVANTAGE

Transport & Short-term Storage System

Dry & Store



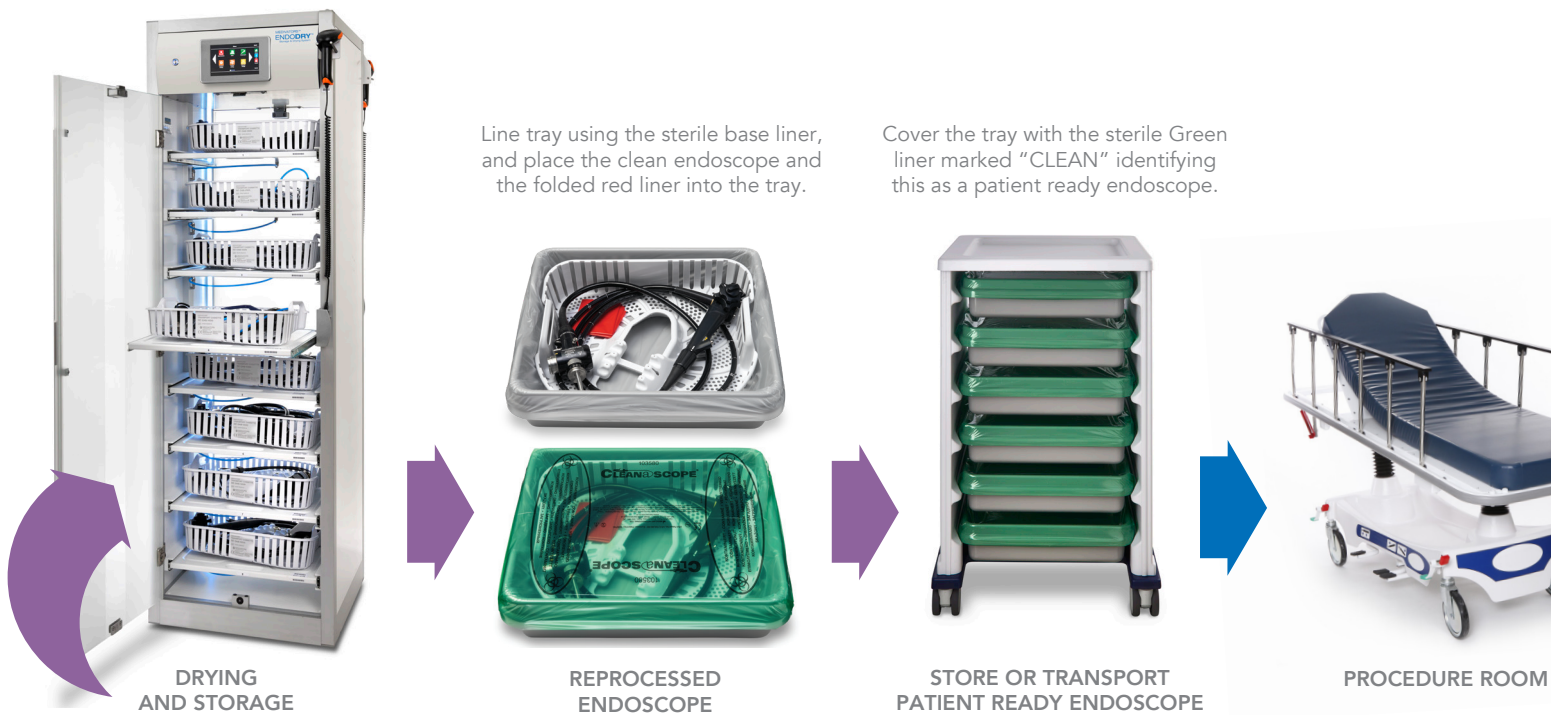
CLEAR IDENTIFICATION OF CLEAN VERSUS CONTAMINATED ENDOSCOPES

Confidence is Knowing it's Clean at a Glance. The CLEANASCOPE™ ADVANTAGE Transport and Short-term Storage System protects your endoscopes and other delicate equipment by minimizing direct handling and reducing contact with airborne contaminants.

Its patented design creates a protective environment for each disinfected endoscope. Green (clean) and red (contaminated) color-coded liners immediately identify clean or contaminated equipment.



OPTIMIZED ENDOSCOPE WORKFLOW MAXIMIZES INFECTION PREVENTION



THE COMPLETE CIRCLE OF PROTECTION

As the global vanguard in infection prevention, **only Cantel delivers the Complete Circle of Protection**, a full-value, proactive partnership dedicated to helping you remove risk, streamline operational efficiencies and optimize your success.

DRY & STORE Bacterial growth poses significant risk to endoscopes during storage. Our Transport, Drying and Storage solutions are designed to protect valuable inventory, reduce cross-contamination touch points, eliminate moisture in the endoscope channels and control humidity. Higher humidity or moisture in endoscope channels is known to aid bacterial growth.



Trays fit perfectly into the contoured cart top

Provides protected short-term storage of clean scopes and equipment

Hard lids available for added protection when transporting outside department

Available in 5, 6 and 10 tray options



Robust reusable tray easily fits large endoscopes and the ADVANTAGE PLUS™ AER cassette



Three-part, single-use sterile packed liner system reduces the potential for cross-contamination

Large locking caster, wheels make transport easy and smooth

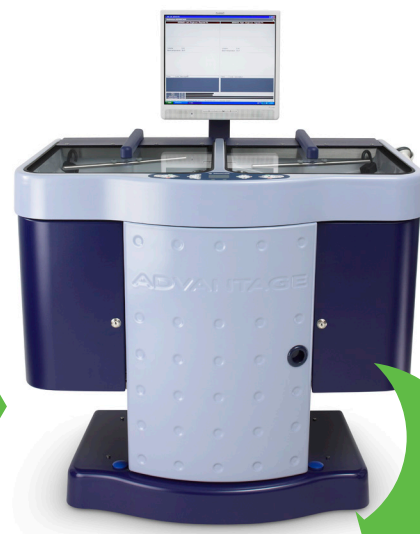
Post procedure, flush and wipe the endoscope using INTERCEPT™ detergent and place dirty endoscope inside tray. Cover tray using the Red liner for clear identification of "CONTAMINATED" endoscope.



CONTAMINATED TRANSPORT



MANUAL CLEANING



FIT SECURELY IN
ADVANTAGE REPROCESSOR

"Transport the soiled endoscope to the reprocessing area in a closed container that prevents exposure to staff, patients or the environment to potentially infectious organisms"

ASGE Quality Assurance in Endoscopy Committee, 2011 en SGNA Standards of Infection Control in Reprocessing of Flexible Gastrointestinal Endoscopes 2012

"The sterile liner system is one of the most important reasons why many facilities are adopting the CLEANSCOPE™ System – the color coded liners take the guesswork out of endoscope reprocessing"

Libby Thomson, former Lead Nurse, Bowel Cancer Screening Centre and Nurse Endoscopist

CLEANASCOPE™ ADVANTAGE System Ordering Information



CLEANASCOPE™ CART

PART NUMBER	DESCRIPTION	UNITS PER BOX
103470	Five tray cart (trays included)	34.7H x 25.2W x 22.1 D (in)
103466	Six tray cart (trays included)	40.5H x 25.2W x 22.1 D (in)
103467	Ten tray cart (trays included)	63.5H x 25.2W x 22.1 D (in)



CLEANASCOPE™ LINERS & ACCESSORIES

PART NUMBER	DESCRIPTION	UNITS PER BOX
103585	Sterile Liner Set	200 Sterile liners/case
103604	Dispenser, (wall mounted)	1
103456	Tray	1
103457	Tray Lid, clear	1
CAS-1000	Advantage Cassette	1

ADVANTAGE PLUS™ and INTERCEPT™ are trademarks of Medivators Inc.
CLEANASCOPE™ is a trademark of Cantel (UK) Limited.

© 2017-2021 Cantel. All Rights Reserved. The Complete Circle of Protection diagram is a trademark owned by Cantel Medical, and is subject to registered copyright protection in the U.S. and elsewhere under international treaties. U.S. Copyright Reg. Nos. VA0002197834 & VA0002201399.

www.medivators.com

t: 1.800.444.4729 (customer service) | f: 1.800.686.8493 | e: custserv@medivators.com

© 2021 Cantel Medical Corp. LIT-00451/A-EN



**Pav A Basement / Phase 2
Specification Coversheet**



Description: Cart, Transfer

Manufacturer: STERIS Corporation - Healthcare ((440) 354-2600)

Vendor: STERIS Corporation - Healthcare ((440) 354-2600)

Model: Amsco 600 Loading Car/Transfer Carriage

Atta ID: 7114-037

Alt ID:

Mfr #: AY1598004/AY1596694

Vendor #: AY1598004/AY1596694

CAD ID: WSC0772

Item ID:

Transfer carriage sterilizer cart. Chamber size 26.5 x 26.5 x 63 (inches) with 15 trays capacity. Features four swivel casters with non-marking, rolling tires and with telescopic hook is adjustable from 47 to 71 inches with black PVC grip material. Stainless steel wheels and rack shelves. Chamber bottom rails are required for use with loading cars.

General Product Detail

Arch Sig: No	Spatially Sig: Yes
Arch Code: 3-Movable, Non-Elect	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/O	Type: Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: 24.00 in (610 mm)	Left: N/A
Depth: 74.75 in (1899 mm)	Right: N/A
Height: 69.25 in (1759 mm)	Front: N/A
Max Weight: 600 lbs (272.2 kg)	Back: N/A
Mounting: Floor-Mobile	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Structural Requirements

Seismic: Yes	Pre-approval:
---------------------	----------------------

Product and Project Item Notes

Specification:

Handle height of transfer carriages is 45.19 inches (1148 mm). Transfer Carriage heights are as measured from floor to top of carriage handle. Transfer carriage loading surface is preset to match sterilizer loading height of 33.69 inches (856 mm).

Loading car width is 23.94 inches (608 mm).

Car height dimension of 24.69 inches (627 mm) is as measured from bottom of car wheel to car frame peak.

Structural:

Electrical:

Plumbing:

Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B418	Decontamination	Project	Draft (New)	3	

Total: 3

APPLICATION

The AMSCO 600 Series Medium Steam Sterilizer can be equipped with a variety of loading accessories to suit facility workflow.

This document covers:

- Manually operated, fixed-height loading car and transfer carriage
- Manually operated, adjustable-height loading car and transfer carriage
- Chamber-mounted rack and shelves 39" (990 mm), chamber only

Chamber Dimensions	Trays
26.5 x 26.5 x 39" 673 x 673 x 990 mm	9
26.5 x 26.5 x 51" 673 x 673 x 1295 mm	12
26.5 x 26.5 x 63" 673 x 673 x 1600 mm	15

KEY FEATURES

Manual loading equipment for AMSCO 600 steam sterilizers works with both single and double door sterilizer configurations.

Single Door System

- Free standing, full cabinet enclosure
- Recessed installation

Double Door System

- Recessed between two walls
- Recessed in one wall with cabinet package on the other side of sterilizer



Transfer Carriage and Loading Car
(Adjustable Height Carriage Shown)

(Typical – details may vary.)

LOADING CAR AND TRANSFER CARRIAGE

Loading cars in four sizes for compatibility with 39", 51" and 63" chamber lengths. See pages 3 and 4 for additional information.

Each loading car includes welded stainless-steel frame with adjustable shelves to accommodate numerous load sizes and configurations. Wheels are constructed of stainless steel. Loading car wheels align with, and travel on, bottom rails in sterilizer chamber (See illustrations on page 3).

Important: Chamber bottom rails are required for use with loading cars.

Chamber rails sit 0.2 inch (5 mm) above chamber floor.

Selections Checked Below Apply To This Equipment

LOADING CAR OPTIONS

• 39" Length Chamber

- 39" Unit Loading Car
- Extra Loading Car Shelf; Qty. ____
- Side and End Gate Kit; Qty. ____ *
- Chamber Rails (Required for loading car use)

• 51" Length Chamber

- 51" Unit Loading Car
- Extra Loading Car Shelf; Qty. ____
- Side and End Gate Kit; Qty. ____ *
- Or Alternate for 51" Length Units:*
- Two 25" Length Loading Cars
- Extra Loading Car Shelf; Qty. ____
- Side and End Gate Kit; Qty. ____ *
- Chamber Rails (Required for loading car use)

• 63" Length Chamber

- 63" Unit Loading Car
- Extra Loading Car Shelf; Qty. ____
- Side and End Gate Kit; Qty. ____ *
- Chamber Rails (Required for loading car use)

TRANSFER CARRIAGES

- 25"; Qty. ____ (For use with 51" or 63" Units)
 - Fixed Height Variable Height
- 39"; Qty. ____ (For use with 39" or 63" Units)
 - Fixed Height Variable Height
- 51"; Qty. ____ (For use with 51" Units)
 - Fixed Height Variable Height
- 63"; Qty. ____ (For use with 63" Units)
 - Fixed Height Variable Height

RACK AND SHELVES

- Rack with 2 Shelves (for 39" units)
- One Spare Shelf (for 39" units)

ADDITIONAL ITEMS

- PouchCare (Rack for peel pouches) See ES-3035
- Loading Car Extraction Hook (telescopic; adjustable length: 47 - 71" (1041 - 1803 mm))

Item _____

Location(s) _____

* Each optional Side and End Gate Kit includes two side gates and two end gates.

Each loading car includes one fixed-position (but removable) lower shelf, and one adjustable shelf. Each shelf is welded, suitably reinforced and designed to allow free passage of steam.

An extra shelf is available to accommodate up to three shelves of goods per loading car.

Side and end gates

Easy-to-remove side and end gates fit into holes along frame of the loading car and are designed to help retain items on the shelves during processing (if needed).

Side and end gates, like the shelves, are constructed of stainless steel.

Loading car extraction hook

An extraction hook is available to extend operator reach for easier removal of loading cars. The telescopic hook is adjustable from 47 to 71" (1041 to 1803 mm). See page 3 for image and additional information.

Transfer carriage

Transfer carriage is provided in two configurations, both featuring welded tubular steel frames provided with a push-bar handle. The carriages are supported by four swivel casters with non-marking, easy-rolling tires. All casters are capable of directional locking; additionally, rear casters are equipped with foot-operated brakes. A guide assembly helps align carriage with loading car rails in chamber bottom. discussed below. In addition to the following, refer to page 3 for additional information.

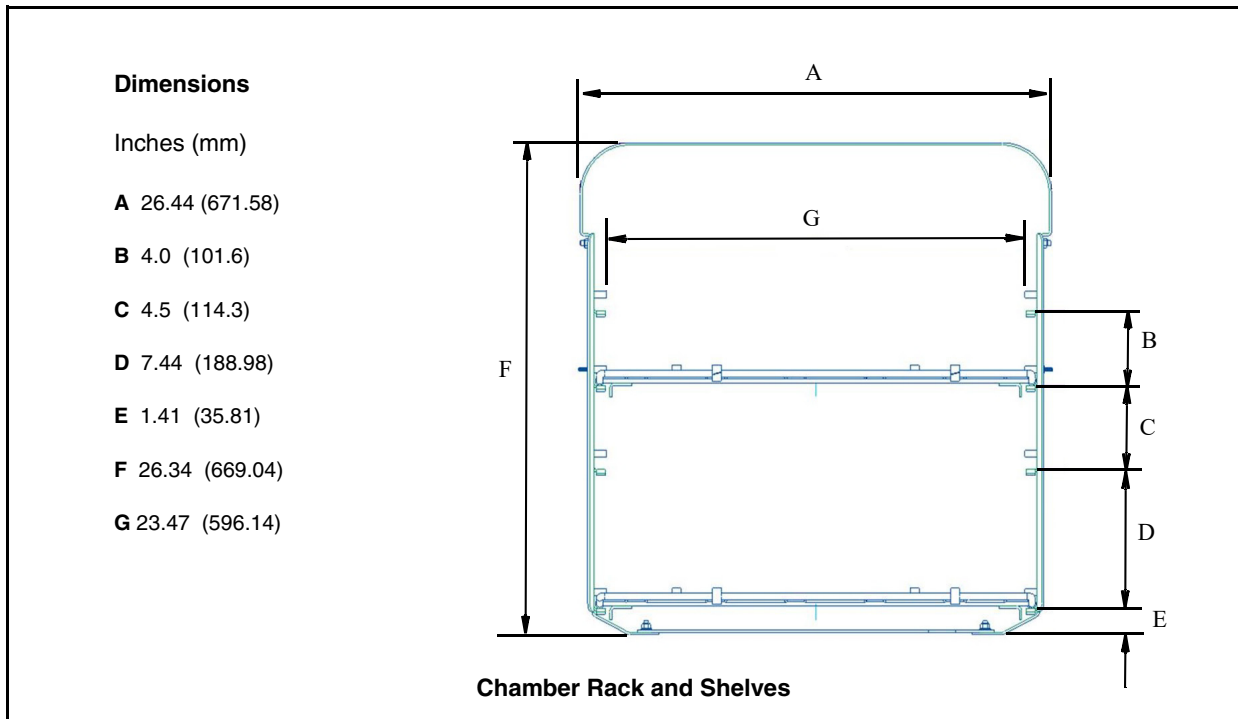
- **Fixed-height carriage** – Set at a fixed height of 31.5" (800 mm).
- **Adjustable-height carriage** – Motorized range of motion between heights of 22" and 33.75" (560 - 860 mm).

CHAMBER RACK AND SHELF SET

Chamber rack and shelves are available for both single and double door sterilizers having a 39" chamber length. Rack and shelves are constructed from stainless steel; and each shelf is welded, reinforced and designed to allow free passage of steam. The shelves are supported by angle-guides.

***Important:** Rack and shelves cannot be used simultaneously with sterilizers equipped with chamber bottom rails. However, bottom rails can be removed to accommodate the rack and shelves.*

Chamber rack accepts up to three shelves at a time, which can be repositioned or removed to accommodate a variety of loads.

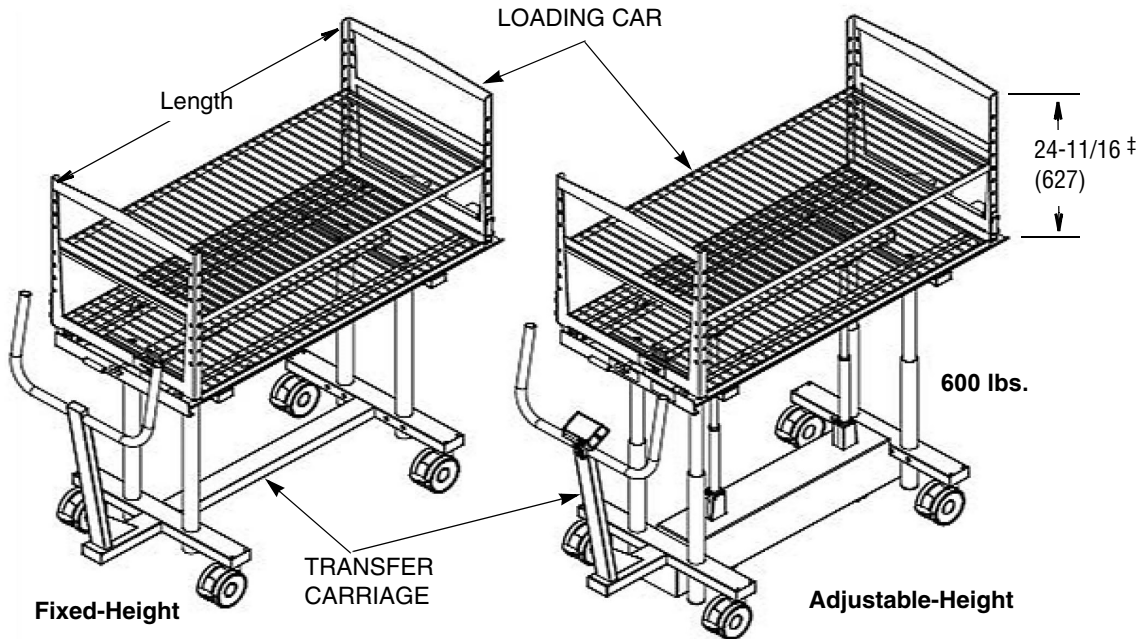


LOADING CAR AND TRANSFER CARRIAGE

1. Loading car equipped with one adjustable upper shelf.
2. Bottom shelf height is fixed; other shelves are adjustable (see page 4).

NOTE: Dimensions shown are typical and subject to change without notice.

AMSCO 600 Series Medium Sterilizer 26.5 x 26.5" (673 x 673 mm) Loading Car and Transfer Carriage



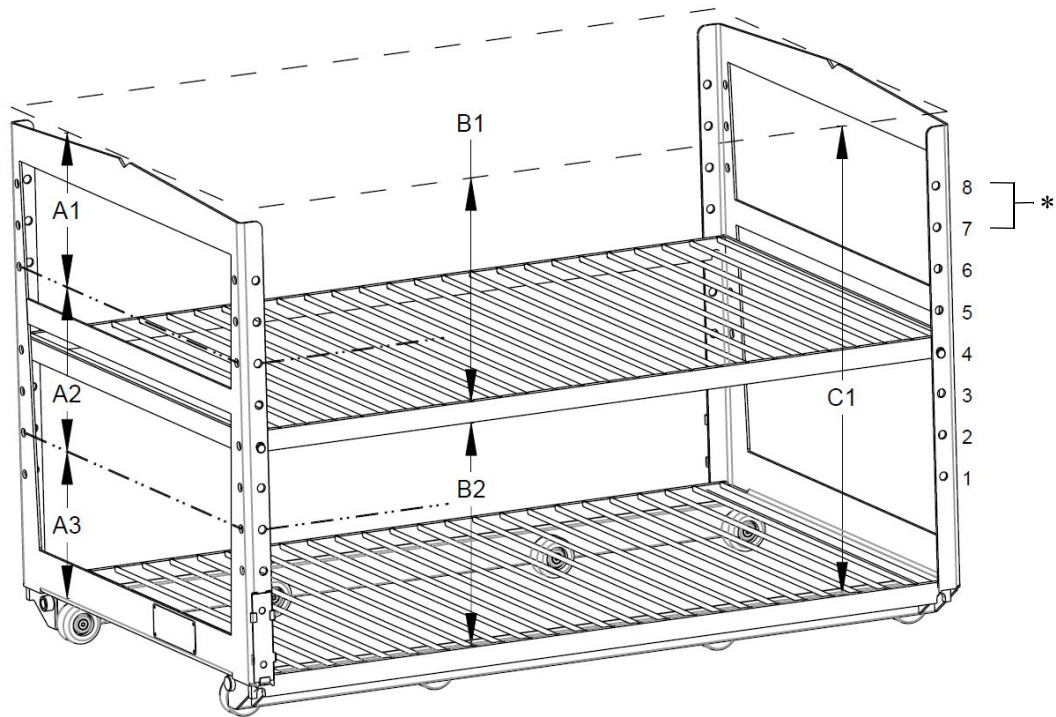
Transfer Carriages and Loading Cars					
Sterilizer Chamber Size in. (mm) W x H x L	Loading Equipment Size	Recommended Loading Car Configurations (for maximum productivity)	Loading Car Length in. (mm)	Transfer Carriage Length in. (mm)	Trays (max)
—	25"	—	24-13/16 (630)	41-1/2 (1054)	6
26.5 x 26.5 x 39 (673 x 673 x 990)	39"	1 x 39"	36-5/8 (930)	49-3/4 (1264)	9
26.5 x 26.5 x 51 (673 x 673 x 1295)	51"	1 x 51" (or 2 x 25")	49-5/8 (1260)	62-9/16 (1589)	12
26.5 x 26.5 x 63 (673 x 673 x 1600)	63"	1 x 63" (or 1 x 25" plus 1 x 39")	60-5/8 (1540)	74-9/16 (1894)	15

* Handle height of transfer carriages is 45-3/16 inches (1148 mm). Transfer Carriage heights are as measured from floor to top of carriage handle. Transfer carriage loading surface is preset to match sterilizer loading height of 33-11/16" (856 mm).
 † Loading car width is 23-15/16 inches (608 mm).
 ‡ Car height dimension of 24-11/16 inches (627 mm) is as measured from bottom of car wheel to car frame peak.



Loading car extraction hook - Extends operator reach for easier removal of loading cars. The telescopic hook is adjustable from 47 to 71" (1041 to 1803 mm).

Weight: 4.2 LBS (1.9 KG)
 Shaft Material: 316/316L/316 Ti SS
 Grip Material: PVC (BLACK)



*2" (50 mm) spacing between shelf locator positions.

Scenario	Number of Shelves	Shelf Locations	Spacing	
A	3	Bottom, 2, 6	A1 A2 A3	6-11/16" (170 mm) 6-7/8" (175 mm) 6-3/4" (172 mm)
B	2	Bottom, 4	B1 B2	10-5/8" (270 mm) 10-3/4" (272 mm)
C	1	Bottom	C1	22-9/16" (573 mm)

Loading Car Shelf Spacing, 3 Scenarios

For Further Information, contact:



STERIS Corporation
5960 Heisley Road
Mentor, OH 44060-1834 • USA
440-354-2600 • 800-548-4873
www.steris.com

The base language of this document is **ENGLISH**.
Any translation must be made from the base
language document.

University of Kentucky



Pav A Basement / Phase 2 Specification Coversheet

Description: Cabinet, Storage, Non-Clinical, Allowance
Manufacturer: Grainger (800-472-4643)
Vendor: Grainger (800-472-4643)
Model: TBD

Atta ID: 7205-005
Alt ID:
Mfr #: TBD
Vendor #: TBD
CAD ID: BCH0134
Item ID:

General Product Detail

Arch Sig: No	Spatially Sig: No
Arch Code: 3-Movable, Non-Elect	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/O	Type: Non-Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: N/A	Left: N/A
Depth: N/A	Right: N/A
Height: N/A	Front: N/A
Max Weight: N/A	Back: N/A
Mounting: N/A	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Product and Project Item Notes

Structural Requirements

Seismic: No	Pre-approval:
--------------------	----------------------

- Specification:
- Structural:
- Electrical:
- Plumbing:
- Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B505	Receiving / Breakdown	Existing (Reuse)	Draft (Existing)	2	

Total: 2

University of Kentucky



Pav A Basement / Phase 2 Specification Coversheet



Description: Bench, Gowning

Manufacturer: InterMetro Industries Corp (800.992.1776)

Vendor: InterMetro Industries Corp (800.992.1776)

Model: GB1636S

Gowning bench. Measures 36W x 16D x 18H (inch). Features stainless steel with adjustable foot plates for floor mounting.

Atta ID: 7333-006

Alt ID:

Mfr #: GB1636S

Vendor #: GB1636S

CAD ID: BCH0220

Item ID:

General Product Detail

Arch Sig: Yes	Spatially Sig: No
Arch Code: 1-Fixed	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/O	Type: Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: 36.00 in (914 mm)	Left: N/A
Depth: 16.00 in (406 mm)	Right: N/A
Height: 18.00 in (457 mm)	Front: N/A
Max Weight: 48 lbs (21.8 kg)	Back: N/A
Mounting: Floor	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Product and Project Item Notes

Structural Requirements

Seismic: No	Pre-approval:
--------------------	----------------------

Specification:

Structural:

Electrical:

Plumbing:

Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B423	Ante	Project	Draft (New)	1	
Central Sterile / OR Materials	A0B400	Entry/PPE	Project	Draft (New)	1	
Central Sterile / OR Materials	A0B421	Hold Clean	Project	Draft (New)	1	

Total: 3



We put space to work.

Item # _____

Job _____



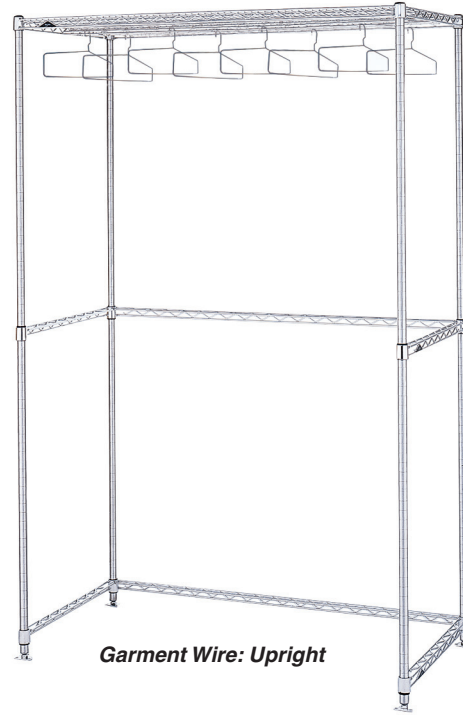
Gowning Room Furnishings

Garment Racks

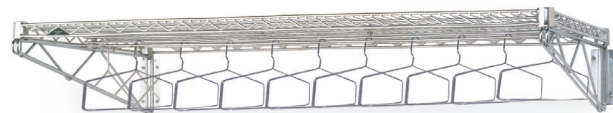
Type 304 Stainless Steel and Proven Super Erecta® Construction Throughout.

- Floor-Mountable Upright and Wall Mount versions available.
- Open wire construction promotes laminar air flow.
- Electro-polished, Type 304 Stainless Steel hangers are included. Hangers are spaced at 3" (76mm) intervals.
- Unique hanger capture mechanism provides theft deterrence.
- Easy to assemble.
- Adjustable stainless steel triangular foot plates provided for floor mounting.
- Available in several sizes to suit your requirements.
- Upright unit is non-conductive, but can be made conductive with the addition of aluminum split sleeves (9986Z).

Floor Mount style is 74⁵/₈" tall.
Wall Mount style is 7¹/₂" high.



Garment Wire: Upright



Garment Wire: Wall Mount

Width/Length (in.) (mm)		No. of Hangers	Model No. Upright	Approx. Pkd. Wt. (lbs.) (kg)		Model No. Wall Mount	Approx. Pkd. Wt. (lbs.) (kg)	
24x36	610x914	11	GRU2436S	27	12.25	GRW2436S	20	9
24x48	610x1219	15	GRU2448S	36	16.25	GRW2448S	22 ¹ / ₂	10.2
24x60	610x1524	19	GRU2460S	45	20.5	GRW2460S	27 ¹ / ₂	12.5
24x72	610x1825	23	GRU2472S	54	24.5	GRW2472S	32	14.5

All Metro Catalog Sheets are available on our website: www.metro.com



InterMetro Industries Corporation
North Washington Street, Wilkes-Barre, PA 18705
Product Information. U.S. and Canada: 1.800.992.1776
Outside U.S. and Canada: www.metro.com/contactus

L03-172e
Printed in U.S.A. Rev. 11/18

Information and specifications are subject to change without notice. Please confirm at time of order.

Copyright © 2018 InterMetro Industries Corp.

58.15

Gowning Bench

Gowning Bench

Type 304 Stainless Steel, H.D. Super® Posts and Proven Super Erecta Construction Throughout.

- Heavy-duty, solid top bench provides a sturdy and comfortable gowning fixture. All benches are 18" (457mm) tall.
- Top is manufactured from 14 gauge, Type 304 stainless steel.
- Adjustable stainless steel foot plates provide for floor mounting.
- Available in several lengths to suit your requirements.
- Unit is non-conductive but can be made conductive with the addition of H.D. Aluminum Split Sleeves (9986HZ).



Gowning Bench

Model No.	Width/Length		Approx. Pkd. Wt.	
	(in.)	(mm)	(lbs.)	(kg)
GB1636S	16x36	406x914	47½	21.5
GB1648S	16x48	406x1219	55	25
GB1660S	16x60	406x1524	62½	28.4
GB1672S	16x72	406x1825	70	31.8

Pav A Basement / Phase 2

Specification Coversheet



Description: Cart, Washer/Disinfector, Utensil/Container

Manufacturer: STERIS Corporation - Healthcare ((440) 354-2600)

Vendor: STERIS Corporation - Healthcare ((440) 354-2600)

Model: FD322 Vision Container Cart

Container cart. Designed to be used in Vision 1321/1327 and Reliance 1227 and 130L Cart and Utensil Washer/Disinfectors. Five levels. 3 Middle levels are removable to accommodate items of various size. Bottom level includes a removable filter basket to facilitate the loading/unloading of container lids and filter plates.

Atta ID: 7457-018

Alt ID:

Mfr #: FD322

Vendor #: FD322

CAD ID: DEC0845

Item ID:

General Product Detail

Arch Sig: No	Spatially Sig: Yes
Arch Code: 3-Movable, Non-Elect	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/O	Type: Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: 66.50 in (1689 mm)	Left: N/A
Depth: 30.00 in (762 mm)	Right: N/A
Height: 70.75 in (1797 mm)	Front: N/A
Max Weight: 300 lbs (136.1 kg)	Back: N/A
Mounting: Floor-Mobile	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Structural Requirements

Seismic: No	Pre-approval:
--------------------	----------------------

Product and Project Item Notes

Specification:

Structural:

Electrical:

Plumbing:

Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B403	Clean Work	Project	Draft (New)	3	
Central Sterile / OR Materials	A0B403	Clean Work	Existing (Reuse)	Draft (Existing)	7	
Central Sterile / OR Materials	A0B507	Instrument Storage	Existing (Reuse)	Draft (Existing)	4	

Total: 14

APPLICATION

Container and Utensil racks are designed to be used in Vision® 1321/1327 and Reliance® 1227 and 130L Cart and Utensil Washer/Disinfectors. The carts are intended for use in the efficient cleaning and disinfection of containers, utensils, and other reusable items used in the care of patients.

CONTAINER CART (FD322)

Overall Cart Size (W x H x L):

30 x 70-3/4 x 66-1/2" (762 x 1797 x 1689 mm)

Capacity (up to 5 Levels):

Top Level - 24-1/2 x 61-1/2 x 12"
 (622 x 1562 x 305 mm)

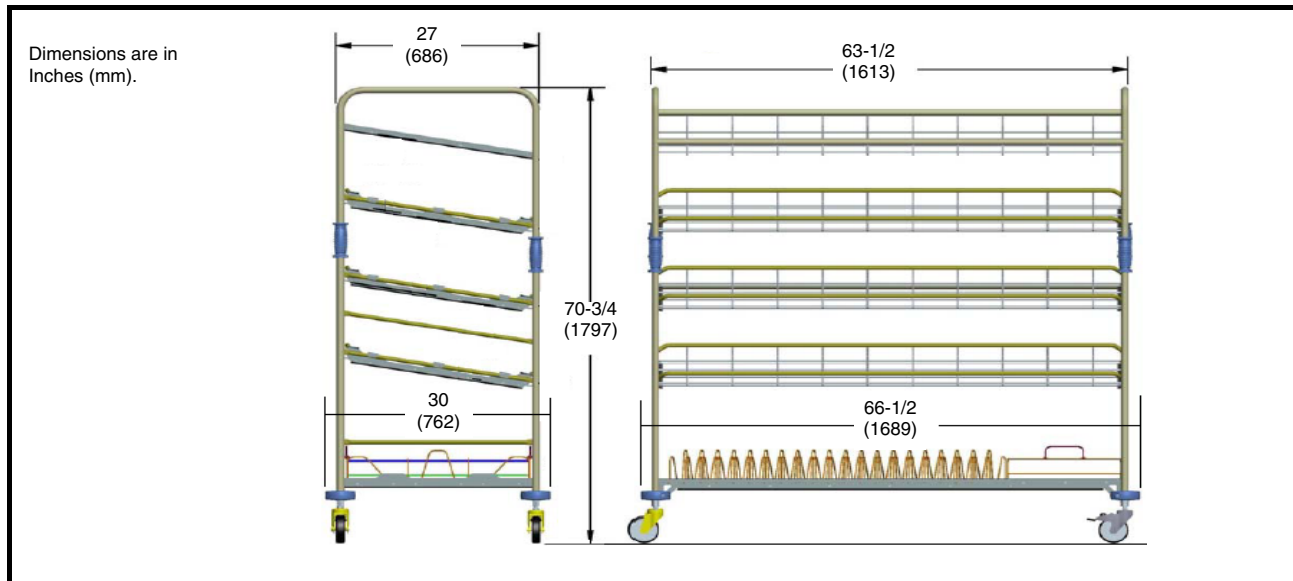
3 Middle Levels – removable to accommodate items of various size.
 24-1/2 x 61-1/2 x 9" (622 x 1562 x 229 mm)

Bottom Level – includes a removable filter basket to facilitate the loading/unloading of container lids and filter plates.

Load Capacity Per Rack (W x L):

5 full-size container bottoms, 12-1/2" x 23"
 (318 mm x 584 mm)

10 half-size container bottoms 12-1/2" x 11"
 (318 mm x 279 mm)



The Selections Checked Below Apply To This Equipment

Vision Cart Washer/Disinfecter
Container Cart (FD322) Qty. ____
 (Shown above)

Vision Cart Washer/Disinfecter
Utensil Cart (FD323) Qty. ____
 (Shown on page 2)

Item _____
 Location(s) _____

UTENSIL CART (FD323)

Overall Cart Size (W x H x L):

27-1/4 x 58-1/2 x 65-1/2"
(692 x 1486 x 1664 mm)

Capacity (5 Levels):

8 racks per utensil cart

Rack Size:

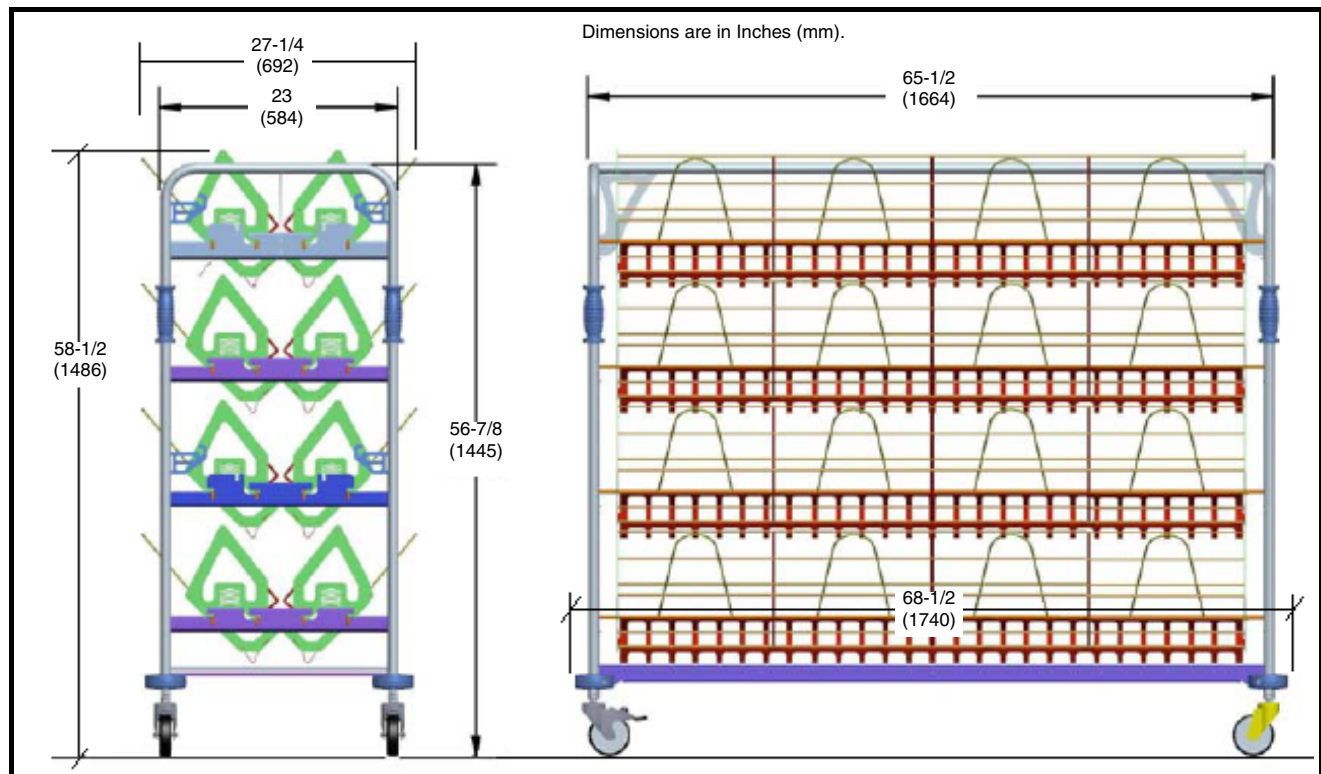
15-3/4 x 59-13/16 x 2-11/16 to 5-3/4"
(400 x 1519 x 68 to 146 mm)

Load Capacity Per Rack:

9 Bowls, 6" (152 mm) dia.
4 Basins, 14-1/2" (368 mm) dia.
4 Bedpans (adult size)



(Typical - details may vary.)



For Further Information, contact:



STERIS Corporation
5960 Heisley Road
Mentor, OH 44060-1834 • USA
440-354-2600 • 800-548-4873
www.steris.com

This document is intended for the exclusive use of STERIS Customers, including architects or designers. Reproduction in whole or in part by any party other than a Customer is prohibited.

University of Kentucky



Pav A Basement / Phase 2

Specification Coversheet



Description: Cart, Washer/Disinfector/Utensil/Container

Manufacturer: STERIS Corporation - Healthcare ((440) 354-2600)

Vendor: STERIS Corporation - Healthcare ((440) 354-2600)

Model: FD322 Vision Container Cart

Container cart. Designed to be used in Vision 1321/1327 and Reliance 1227 and 130L Cart and Utensil Washer/Disinfectors. Five levels. 3 Middle levels are removable to accommodate items of various size. Bottom level includes a removable filter basket to facilitate the loading/unloading of container lids and filter plates.

Atta ID: 7457-018

Alt ID:

Mfr #: FD322

Vendor #: FD322

CAD ID: DEC0845

Item ID:

General Product Detail

Arch Sig: No	Spatially Sig: Yes
Arch Code: 3-Movable, Non-Elect	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/O	Type: Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: 66.50 in (1689 mm)	Left: N/A
Depth: 30.00 in (762 mm)	Right: N/A
Height: 70.75 in (1797 mm)	Front: N/A
Max Weight: 300 lbs (136.1 kg)	Back: N/A
Mounting: Floor-Mobile	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Product and Project Item Notes

Structural Requirements

Seismic: No	Pre-approval:
--------------------	----------------------

Specification:

Structural:

Electrical:

Plumbing:

Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B507	Instrument Storage	Project	Draft (New)	2	

Total: 2

APPLICATION

Container and Utensil racks are designed to be used in Vision® 1321/1327 and Reliance® 1227 and 130L Cart and Utensil Washer/Disinfectors. The carts are intended for use in the efficient cleaning and disinfection of containers, utensils, and other reusable items used in the care of patients.

CONTAINER CART (FD322)

Overall Cart Size (W x H x L):

30 x 70-3/4 x 66-1/2" (762 x 1797 x 1689 mm)

Capacity (up to 5 Levels):

Top Level - 24-1/2 x 61-1/2 x 12"
 (622 x 1562 x 305 mm)

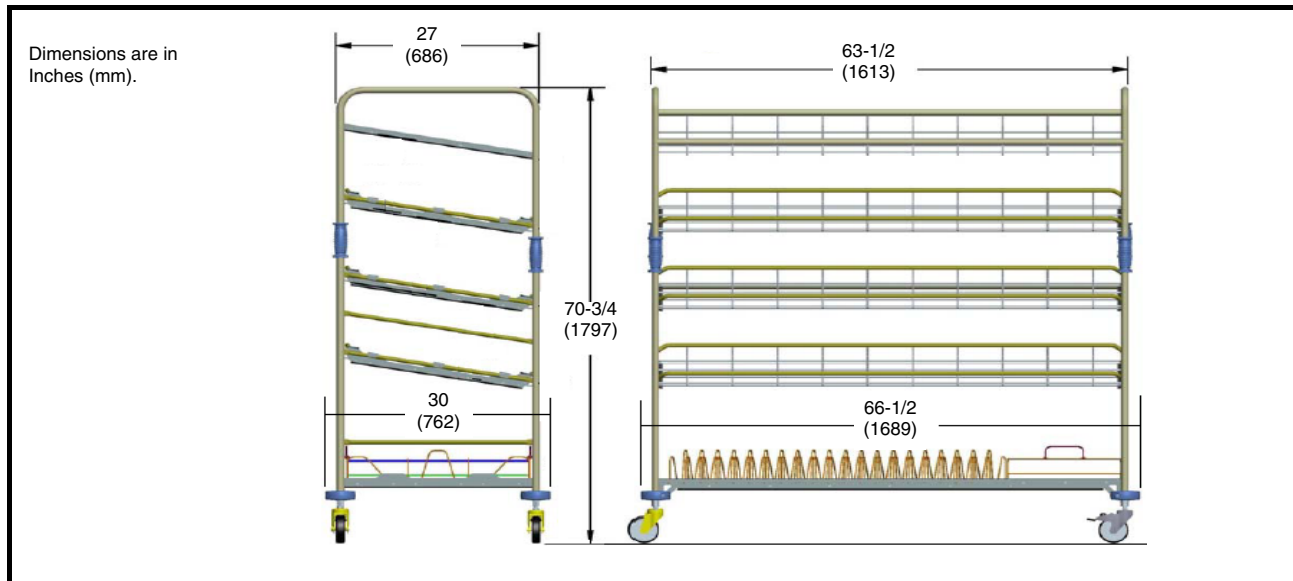
3 Middle Levels – removable to accommodate items of various size.
 24-1/2 x 61-1/2 x 9" (622 x 1562 x 229 mm)

Bottom Level – includes a removable filter basket to facilitate the loading/unloading of container lids and filter plates.

Load Capacity Per Rack (W x L):

5 full-size container bottoms, 12-1/2" x 23"
 (318 mm x 584 mm)

10 half-size container bottoms 12-1/2" x 11"
 (318 mm x 279 mm)



The Selections Checked Below Apply To This Equipment

Vision Cart Washer/Disinfecter
Container Cart (FD322) Qty. ____
 (Shown above)

Vision Cart Washer/Disinfecter
Utensil Cart (FD323) Qty. ____
 (Shown on page 2)

Item _____
 Location(s) _____

UTENSIL CART (FD323)

Overall Cart Size (W x H x L):

27-1/4 x 58-1/2 x 65-1/2"
(692 x 1486 x 1664 mm)

Capacity (5 Levels):

8 racks per utensil cart

Rack Size:

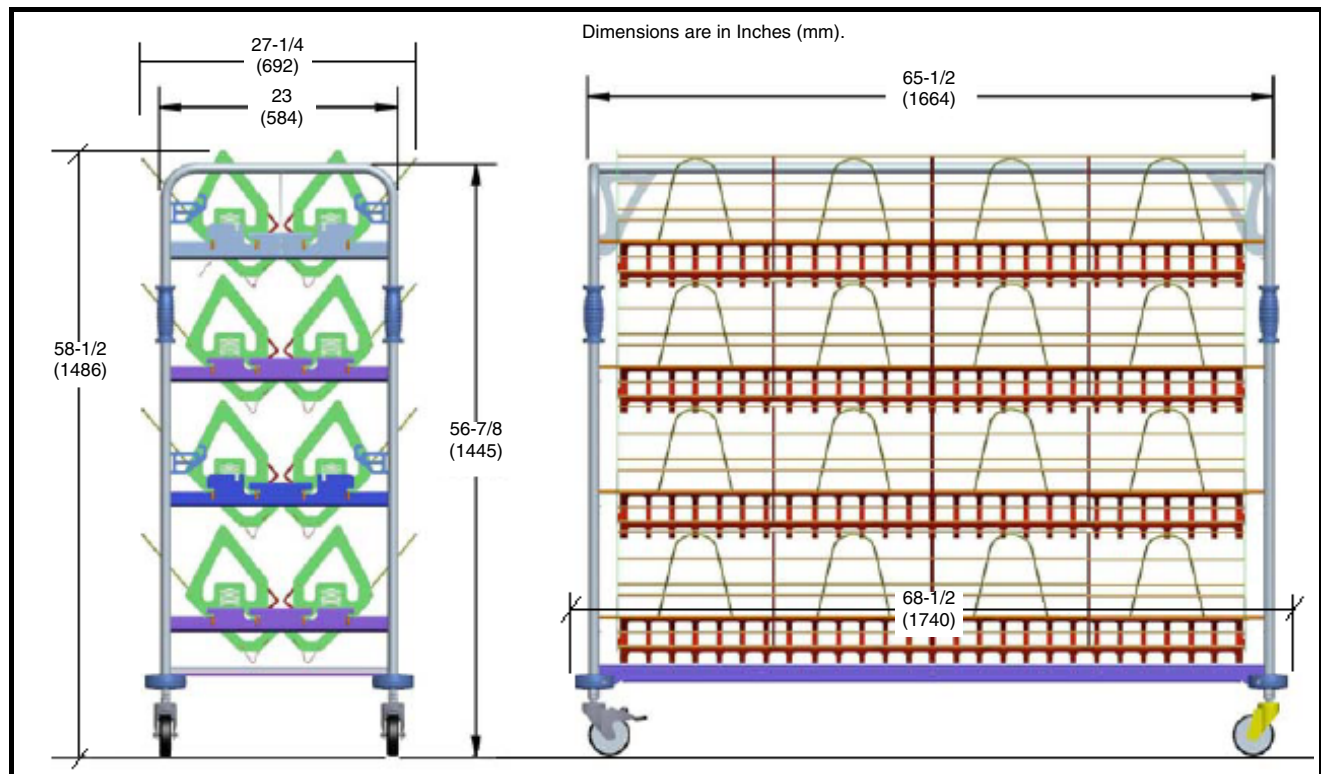
15-3/4 x 59-13/16 x 2-11/16 to 5-3/4"
(400 x 1519 x 68 to 146 mm)

Load Capacity Per Rack:

9 Bowls, 6" (152 mm) dia.
4 Basins, 14-1/2" (368 mm) dia.
4 Bedpans (adult size)



(Typical - details may vary.)



For Further Information, contact:



STERIS Corporation
5960 Heisley Road
Mentor, OH 44060-1834 • USA
440-354-2600 • 800-548-4873
www.steris.com

This document is intended for the exclusive use of STERIS Customers, including architects or designers. Reproduction in whole or in part by any party other than a Customer is prohibited.

Pav A Basement / Phase 2

Specification Coversheet



Description: Waste Can, Confidential

Manufacturer: Cintas Corporation ((513) 459-1200)

Vendor: Cintas Corporation ((513) 459-1200)

Model: Executive Console Security Container

Confidential waste can. Front load cabinet with paper deflector and locking front door. Holds up to 75 lbs. of paper. Includes nylon bag. Container provided free-of-charge with Shredding Program.

Atta ID: 7531-006

Alt ID:

Mfr #:

Vendor #:

CAD ID: WST0276

Item ID:

General Product Detail

Arch Sig: No	Spatially Sig: No
Arch Code: 3-Movable, Non-Elect	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/O	Type: Non-Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: 19.00 in (483 mm)	Left: N/A
Depth: 19.00 in (483 mm)	Right: N/A
Height: 40.00 in (1016 mm)	Front: N/A
Max Weight: 70 lbs (31.8 kg)	Back: N/A
Mounting: Floor	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Structural Requirements

Seismic: No	Pre-approval:
--------------------	----------------------

Product and Project Item Notes

Specification:

Structural:

Electrical:

Plumbing:

Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials		Open Office	Existing (Reuse)	Draft (Existing)	1	

Total: 1

Secure Containers

The Information Security Professionals



Ability to hold 75 lbs. of paper
40"h x 19"w x 19"d

Ability to hold 300-350 lbs. of paper
46.5"h x 26.38"w x 33.62"d

Executive Container

Large Wheeled Container

SECURE. CONFIDENTIAL. RELIABLE SERVICE.

University of Kentucky



Pav A Basement / Phase 2 Specification Coversheet

Description: Mirror, Allowance
Manufacturer: TBD (888-555-1212)
Vendor: TBD (888-555-1212)
Model: TBD

Atta ID: 8058-001
Alt ID:
Mfr #:
Vendor #:
CAD ID: MIR0004
Item ID:

General Product Detail

Arch Sig: No	Spatially Sig: No
Arch Code: 0-Unassigned	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/O	Type: Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: N/A	Left: N/A
Depth: N/A	Right: N/A
Height: N/A	Front: N/A
Max Weight: N/A	Back: N/A
Mounting: N/A	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Product and Project Item Notes

Structural Requirements

Seismic: No	Pre-approval:
--------------------	----------------------

- Specification:
- Structural:
- Electrical:
- Plumbing:
- Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B503	Lactation	Project	Draft (New)	1	

Total: 1

University of Kentucky
Pav A Basement / Phase 2
Specification Coversheet



Description: Rack, Allowance
Manufacturer: TBD (888-555-1212)
Vendor: TBD (888-555-1212)
Model: TBD

Atta ID: 8225-001
Alt ID:
Mfr #: TBD
Vendor #: TBD
CAD ID: RCK0442
Item ID:

General Product Detail

Arch Sig: No	Spatially Sig: No
Arch Code: 0-Unassigned	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/O	Type: Non-Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: N/A	Left: N/A
Depth: N/A	Right: N/A
Height: N/A	Front: N/A
Max Weight: N/A	Back: N/A
Mounting: N/A	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Product and Project Item Notes

Structural Requirements

Seismic: No	Pre-approval:
--------------------	----------------------

- Specification:
- Structural:
- Electrical:
- Plumbing:
- Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B403	Clean Work	Project	Draft (New)	5	

Total: 5

**Pav A Basement / Phase 2
Specification Coversheet**



Description: Rack, wrap

Manufacturer: STERIS Corporation - Healthcare ((440) 354-2600)

Vendor: STERIS Corporation - Healthcare ((440) 354-2600)

Model: TBD

Atta ID: 8225-024

Alt ID:

Mfr #: TBD

Vendor #: TBD

CAD ID: LDC0919

Item ID:

General Product Detail

Arch Sig: No	Spatially Sig: No
Arch Code: 0-Unassigned	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/O	Type: Non-Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: N/A	Left: N/A
Depth: N/A	Right: N/A
Height: N/A	Front: N/A
Max Weight: N/A	Back: N/A
Mounting: N/A	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Structural Requirements

Seismic: No	Pre-approval:
--------------------	----------------------

Product and Project Item Notes

Specification:

Structural:

Electrical:

Plumbing:

Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B403	Clean Work	Project	Draft (New)	1	

Total: 1

Pav A Basement / Phase 2

Specification Coversheet



Description: Shelving, Solid, Stainless Steel, 54 - 60 inch
Manufacturer: InterMetro Industries Corp (800.992.1776)
Vendor: InterMetro Industries Corp (800.992.1776)
Model: Super Erecta Stainless 60x24x74 (5-Tier)

Atta ID: 8866-002

Alt ID:

Mfr #: (5)2460NFS/(4)74PS

Vendor #: (5)2460NFS/(4)74PS

CAD ID: SHL0191

Item ID:

Stainless steel shelving unit with 5 solid shelves. 60inW x 24inD x 74inH. Shelves can be adjusted in 1in (25mm) intervals along the entire length of the post. Two-fold thickness of 18-gauge steel forms 1/8" (3.2mm) raised edges on all four sides of the shelving.

General Product Detail

Arch Sig: No	Spatially Sig: Yes
Arch Code: 3-Movable, Non-Elect	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/O	Type: Non-Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: 60.00 in (1524 mm)	Left: N/A
Depth: 24.00 in (610 mm)	Right: N/A
Height: 74.50 in (1892 mm)	Front: N/A
Max Weight: 171 lbs (77.6 kg)	Back: N/A
Mounting: Floor	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Structural Requirements

Seismic: Yes	Pre-approval:
---------------------	----------------------

Product and Project Item Notes

- Specification:
- Structural:
- Electrical:
- Plumbing:
- Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B401	EMI Workroom	Project	Draft (New)	1	

Total: 1



We put space to work.

Item # _____

Job _____

SUPER ERECTA SHELF® SOLID SHELVING (18-Gauge)

- **Strength:** Two-fold thickness of 18-gauge steel forms 1/8" (3.2mm) raised edges on all four sides of the shelving. This ship's edge gives all-around rigidity and high strength.
- **Weight Load Capacity:** 48" (1219mm) and shorter holds 800lbs (363kg) per shelf, 60" (1524mm) holds 600lbs (272kg) per shelf, 72" (1829mm) holds 300lbs (136kg) per shelf.
- **Sanitary:** Flat, solid style with the raised ship's edge on all four sides and at the corners contains spills, minimizes contamination and permits easier clean-up. Louvered/embossed shelf design allows air circulation under packages and containers.
- **Galvanized Shelves** with uncoated cast corners are ideal for applications requiring solid shelving or a work surface and minimum resistance to corrosion. Available in flat solid and louvered/embossed styles.
- **Standard Type 304 Stainless Steel** shelves with epoxy-coated cast corners address the majority of applications for solid, corrosion resistant shelves or work surfaces. Available in flat solid and louvered/embossed styles.
- **Premium Autoclave/Cart Washable Type 304 Stainless Steel** solid shelves feature an all-stainless construction to withstand high temperature, corrosive applications. Available in flat solid style.
- **Versatile Construction:** Super Erecta Shelf® solid shelving can change as quickly as your needs change. By using various accessories hundreds of shelving configurations become possible.
- **Shelf Accessibility:** Shelves can be loaded/unloaded from all sides. This open construction allows use of the maximum storage space of the cube.
- **Adjustability:** Shelves can be adjusted in 1" (25mm) intervals along the entire length of the post.
- **Adjustable Feet:** Leveling bolts compensate for surface irregularities. Note: Stainless steel stationary posts include stainless leveling bolts.



Raised Ship's Edge



All Metro Catalog Sheets are available on our website: www.metro.com



InterMetro Industries Corporation
 North Washington Street, Wilkes-Barre, PA 18705
 Product Information. U.S. and Canada: 1.800.992.1776
 Outside U.S. and Canada: www.metro.com/contactus

L02-014 Printed in U.S.A. 10/18

Information and specifications are subject to change without notice. Please confirm at time of order.

Copyright © 2018 InterMetro Industries Corp.



SUPER ERECTA SHELF®
Solid Shelving (18-Gauge)

10.20



SUPER ERECTA SHELF® SOLID SHELVING (18-Gauge)

We put space to work.®

Galvanized shelves have uncoated, cast aluminum corners. Standard Type 304 Stainless Steel shelves have black epoxy-coated corners. Autoclavable/cart washable Type 304 Stainless Steel shelves have stainless corners.

Nominal Width/Length (in.) (mm)	Approx. Pkd. Wt. (lbs.) (kg)	GALVANIZED		STAINLESS STEEL		Autoclavable Cart Washable Stainless Steel Flat Stainless
		Flat Galvanized	Louvered/ Embossed Galvanized	Flat Stainless	Louvered/ Embossed Stainless	
14x24 355x610	10 4.5	1424FG	1424LG	1424FS	1424LS	1424NFS
14x30 355x760	12 5.4	1430FG	1430LG	1430FS	1430LS	1430NFS
14x36 355x914	14 6.4	1436FG	1436LG	1436FS	1436LS	1436NFS
14x42 355x1066	15 6.8	1442FG	1442LG	1442FS	1442LS	1442NFS
14x48 355x1219	17 7.7	1448FG	1448LG	1448FS	1448LS	1448NFS
14x60 355x1524	22 9.9	1460FG	1460LG	1460FS	1460LS	1460NFS
18x24 457x610	11 5.0	1824FG	1824LG	1824FS	1824LS	1824NFS
18x30 457x760	14 6.4	1830FG	1830LG	1830FS	1830LS	1830NFS
18x36 457x914	16 7.3	1836FG	1836LG	1836FS	1836LS	1836NFS
18x42 457x1066	18 8.2	1842FG	1842LG	1842FS	1842LS	1842NFS
18x48 457x1219	20 9.1	1848FG	1848LG	1848FS	1848LS	1848NFS
18x60 457x1524	24 10.9	1860FG	1860LG	1860FS	1860LS	1860NFS
18x72 457x1829	29 13.2	1872FG	—	1872FS	—	*
21x24 530x610	13 5.9	2124FG	2124LG	2124FS	2124LS	2124NFS
21x30 530x760	15 6.8	2130FG	2130LG	2130FS	2130LS	2130NFS
21x36 530x914	18 8.2	2136FG	2136LG	2136FS	2136LS	2136NFS
21x42 530x1066	21 9.5	2142FG	2142LG	2142FS	2142LS	2142NFS
21x48 530x1219	23 10.4	2148FG	2148LG	2148FS	2148LS	2148NFS
21x60 530x1524	26 11.8	2160FG	2160LG	2160FS	2160LS	2160NFS
24x24 610x610	15 6.8	2424FG	2424LG	2424FS	2424LS	2424NFS
24x30 610x760	17 7.7	2430FG	2430LG	2430FS	2430LS	2430NFS
24x36 610x914	19 8.6	2436FG	2436LG	2436FS	2436LS	2436NFS
24x42 610x1066	21 9.5	2442FG	2442LG	2442FS	2442LS	2442NFS
24x48 610x1219	24 10.9	2448FG	2448LG	2448FS	2448LS	2448NFS
24x60 610x1524	29 14.0	2460FG	2460LG	2460FS	2460LS	2460NFS
24x72 610x1829	33 15.0	2472FG	—	2472FS	—	*

*Contact your Metro representative for availability.



SiteSelect Posts for Super Erecta® Solid Shelving

Stationary posts are fitted with adjustable leveling bolts to compensate for uneven surfaces. Mobile posts will accept stem casters (see Cat. Sheet 11.20). Height for stationary units includes leveling bolt and cap.

STATIONARY*				MOBILE				Approx. Pkd. Wt.	
Actual Height* (in.)	Model No. Plated	Model No. Stainless	Actual Height* (mm)	Model No. Plated	Model No. Stainless	(lbs.)	(kg)		
7 ³ / ₈	187	7P	—	6 ³ / ₄	171	7UP	—	1/2	0.3
14 ³ / ₈	365	13P	13PS	13 ³ / ₄	349	13UP	13UPS	1	0.5
28 ³ / ₈	720	27P	27PS	27 ³ / ₄	704	27UP	27UPS	1 ³ / ₄	0.75
34 ³ / ₈	873	33P	33PS	33 ³ / ₄	857	33UP	33UPS	2	0.9
54 ⁷ / ₁₆	1382	54P	54PS	53 ¹³ / ₁₆	1366	54UP	54UPS	3	1.4
62 ⁷ / ₁₆	1585	63P	63PS	61 ¹³ / ₁₆	1570	63UP	63UPS	3 ¹ / ₂	1.6
—	—	—	—	69 ³ / ₄	1771	70UP	—	3 ³ / ₄	1.7
74 ¹ / ₂	1892	74P	74PS	73 ⁷ / ₈	1876	74UP	74UPS	4	1.8
86 ¹ / ₂	2197	86P	86PS	85 ⁷ / ₈	2181	86UP	86UPS	4 ¹ / ₂	2.0
96 ¹ / ₂	2450	96P	—	—	—	—	—	5 ¹ / ₂	2.5

*Actual height for the stationary post includes the post cap and the leveling bolt completely tightened.

SiteSelect Posts for Autoclavable/ Cart-Washable Applications



Designed for use with stem casters and fitted with swaged aluminum post caps.

9986S

Actual Height (in.)	Actual Height (mm)	Approx. Pkd. Wt. (lbs.)	Approx. Pkd. Wt. (kg)	Model No. Stainless Steel
33 ³ / ₄	857	2	0.9	33UPS-SW
53 ¹³ / ₁₆	1366	3	1.4	54UPS-SW
61 ¹³ / ₁₆	1570	3 ¹ / ₂	1.6	63UPS-SW

Order aluminum split sleeves with stainless "C" rings or corrosive, high-temperature autoclave or cart washing applications.
Model No. **9986S**
One bag required per shelf.



Pav A Basement / Phase 2

Specification Coversheet



Description: Shelving, Solid, Stainless Steel, 60 inch

Manufacturer: InterMetro Industries Corp (800.992.1776)

Vendor: InterMetro Industries Corp (800.992.1776)

Model: Super Erecta Stainless 60x24x74 (5-Tier)

Stainless steel shelving unit with 5 solid shelves. 60inW x 24inD x 74inH. Shelves can be adjusted in 1in (25mm) intervals along the entire length of the post. Two-fold thickness of 18-gauge steel forms 1/8" (3.2mm) raised edges on all four sides of the shelving.

Atta ID: 8866-002

Alt ID:

Mfr #: (5)2460NFS/(4)74PS

Vendor #: (5)2460NFS/(4)74PS

CAD ID: SHL0191

Item ID:

General Product Detail

Arch Sig: No	Spatially Sig: Yes
Arch Code: 3-Movable, Non-Elect	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/O	Type: Non-Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: 60.00 in (1524 mm)	Left: N/A
Depth: 24.00 in (610 mm)	Right: N/A
Height: 74.50 in (1892 mm)	Front: N/A
Max Weight: 171 lbs (77.6 kg)	Back: N/A
Mounting: Floor	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Structural Requirements

Seismic: Yes	Pre-approval:
---------------------	----------------------

Product and Project Item Notes

Specification:

Structural:

Electrical:

Plumbing:

Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B425	Drop/Doffing	Project	Draft (New)	1	

Total: 1



We put space to work.

Item # _____

Job _____

SUPER ERECTA SHELF® SOLID SHELVING (18-Gauge)

- **Strength:** Two-fold thickness of 18-gauge steel forms 1/8" (3.2mm) raised edges on all four sides of the shelving. This ship's edge gives all-around rigidity and high strength.
- **Weight Load Capacity:** 48" (1219mm) and shorter holds 800lbs (363kg) per shelf, 60" (1524mm) holds 600lbs (272kg) per shelf, 72" (1829mm) holds 300lbs (136kg) per shelf.
- **Sanitary:** Flat, solid style with the raised ship's edge on all four sides and at the corners contains spills, minimizes contamination and permits easier clean-up. Louvered/embossed shelf design allows air circulation under packages and containers.
- **Galvanized Shelves** with uncoated cast corners are ideal for applications requiring solid shelving or a work surface and minimum resistance to corrosion. Available in flat solid and louvered/embossed styles.
- **Standard Type 304 Stainless Steel** shelves with epoxy-coated cast corners address the majority of applications for solid, corrosion resistant shelves or work surfaces. Available in flat solid and louvered/embossed styles.
- **Premium Autoclave/Cart Washable Type 304 Stainless Steel** solid shelves feature an all-stainless construction to withstand high temperature, corrosive applications. Available in flat solid style.
- **Versatile Construction:** Super Erecta Shelf® solid shelving can change as quickly as your needs change. By using various accessories hundreds of shelving configurations become possible.
- **Shelf Accessibility:** Shelves can be loaded/unloaded from all sides. This open construction allows use of the maximum storage space of the cube.
- **Adjustability:** Shelves can be adjusted in 1" (25mm) intervals along the entire length of the post.
- **Adjustable Feet:** Leveling bolts compensate for surface irregularities. Note: Stainless steel stationary posts include stainless leveling bolts.



Raised Ship's Edge



All Metro Catalog Sheets are available on our website: www.metro.com



InterMetro Industries Corporation
 North Washington Street, Wilkes-Barre, PA 18705
 Product Information. U.S. and Canada: 1.800.992.1776
 Outside U.S. and Canada: www.metro.com/contactus

L02-014 Printed in U.S.A. 10/18

Information and specifications are subject to change without notice. Please confirm at time of order.

Copyright © 2018 InterMetro Industries Corp.



**SUPER ERECTA SHELF®
Solid Shelving (18-Gauge)**

10.20



SUPER ERECTA SHELF® SOLID SHELVING (18-Gauge)

We put space to work.®

Galvanized shelves have uncoated, cast aluminum corners. Standard Type 304 Stainless Steel shelves have black epoxy-coated corners. Autoclavable/cart washable Type 304 Stainless Steel shelves have stainless corners.

Nominal Width/Length (in.) (mm)	Approx. Pkd. Wt. (lbs.) (kg)	GALVANIZED		STAINLESS STEEL		Autoclavable Cart Washable Stainless Steel Flat Stainless
		Flat Galvanized	Louvered/ Embossed Galvanized	Flat Stainless	Louvered/ Embossed Stainless	
14x24 355x610	10 4.5	1424FG	1424LG	1424FS	1424LS	1424NFS
14x30 355x760	12 5.4	1430FG	1430LG	1430FS	1430LS	1430NFS
14x36 355x914	14 6.4	1436FG	1436LG	1436FS	1436LS	1436NFS
14x42 355x1066	15 6.8	1442FG	1442LG	1442FS	1442LS	1442NFS
14x48 355x1219	17 7.7	1448FG	1448LG	1448FS	1448LS	1448NFS
14x60 355x1524	22 9.9	1460FG	1460LG	1460FS	1460LS	1460NFS
18x24 457x610	11 5.0	1824FG	1824LG	1824FS	1824LS	1824NFS
18x30 457x760	14 6.4	1830FG	1830LG	1830FS	1830LS	1830NFS
18x36 457x914	16 7.3	1836FG	1836LG	1836FS	1836LS	1836NFS
18x42 457x1066	18 8.2	1842FG	1842LG	1842FS	1842LS	1842NFS
18x48 457x1219	20 9.1	1848FG	1848LG	1848FS	1848LS	1848NFS
18x60 457x1524	24 10.9	1860FG	1860LG	1860FS	1860LS	1860NFS
18x72 457x1829	29 13.2	1872FG	—	1872FS	—	*
21x24 530x610	13 5.9	2124FG	2124LG	2124FS	2124LS	2124NFS
21x30 530x760	15 6.8	2130FG	2130LG	2130FS	2130LS	2130NFS
21x36 530x914	18 8.2	2136FG	2136LG	2136FS	2136LS	2136NFS
21x42 530x1066	21 9.5	2142FG	2142LG	2142FS	2142LS	2142NFS
21x48 530x1219	23 10.4	2148FG	2148LG	2148FS	2148LS	2148NFS
21x60 530x1524	26 11.8	2160FG	2160LG	2160FS	2160LS	2160NFS
24x24 610x610	15 6.8	2424FG	2424LG	2424FS	2424LS	2424NFS
24x30 610x760	17 7.7	2430FG	2430LG	2430FS	2430LS	2430NFS
24x36 610x914	19 8.6	2436FG	2436LG	2436FS	2436LS	2436NFS
24x42 610x1066	21 9.5	2442FG	2442LG	2442FS	2442LS	2442NFS
24x48 610x1219	24 10.9	2448FG	2448LG	2448FS	2448LS	2448NFS
24x60 610x1524	29 14.0	2460FG	2460LG	2460FS	2460LS	2460NFS
24x72 610x1829	33 15.0	2472FG	—	2472FS	—	*

*Contact your Metro representative for availability.



SiteSelect Posts for Super Erecta® Solid Shelving

Stationary posts are fitted with adjustable leveling bolts to compensate for uneven surfaces. Mobile posts will accept stem casters (see Cat. Sheet 11.20). Height for stationary units includes leveling bolt and cap.

STATIONARY*				MOBILE				Approx. Pkd. Wt.	
Actual Height* (in.)	Model No. Plated	Model No. Stainless	Actual Height* (mm)	Model No. Plated	Model No. Stainless	(lbs.)	(kg)		
7 ³ / ₈	187	7P	—	6 ³ / ₄	171	7UP	—	1/2	0.3
14 ³ / ₈	365	13P	13PS	13 ³ / ₄	349	13UP	13UPS	1	0.5
28 ³ / ₈	720	27P	27PS	27 ³ / ₄	704	27UP	27UPS	1 ³ / ₄	0.75
34 ³ / ₈	873	33P	33PS	33 ³ / ₄	857	33UP	33UPS	2	0.9
54 ⁷ / ₁₆	1382	54P	54PS	53 ¹³ / ₁₆	1366	54UP	54UPS	3	1.4
62 ⁷ / ₁₆	1585	63P	63PS	61 ¹³ / ₁₆	1570	63UP	63UPS	3 ¹ / ₂	1.6
—	—	—	—	69 ³ / ₄	1771	70UP	—	3 ³ / ₄	1.7
74 ¹ / ₂	1892	74P	74PS	73 ⁷ / ₈	1876	74UP	74UPS	4	1.8
86 ¹ / ₂	2197	86P	86PS	85 ⁷ / ₈	2181	86UP	86UPS	4 ¹ / ₂	2.0
96 ¹ / ₂	2450	96P	—	—	—	—	—	5 ¹ / ₂	2.5

*Actual height for the stationary post includes the post cap and the leveling bolt completely tightened.

SiteSelect Posts for Autoclavable/ Cart-Washable Applications



Designed for use with stem casters and fitted with swaged aluminum post caps.

9986S

Actual Height (in.)	Actual Height (mm)	Approx. Pkd. Wt. (lbs.)	Approx. Pkd. Wt. (kg)	Model No. Stainless Steel
33 ³ / ₄	857	2	0.9	33UPS-SW
53 ¹³ / ₁₆	1366	3	1.4	54UPS-SW
61 ¹³ / ₁₆	1570	3 ¹ / ₂	1.6	63UPS-SW

Order aluminum split sleeves with stainless "C" rings or corrosive, high-temperature autoclave or cart washing applications.
Model No. **9986S**
One bag required per shelf.



Pav A Basement / Phase 2

Specification Coversheet



Description: Shelving, Solid, Stainless Steel, 36 inch

Manufacturer: InterMetro Industries Corp (800.992.1776)

Vendor: InterMetro Industries Corp (800.992.1776)

Model: Super Erecta Stainless 36x18x74 (5-Tier)

Stainless steel shelving unit with 5 solid shelves. 36inW x 18inD x 74inH. Shelves can be adjusted in 1in (25mm) intervals along the entire length of the post. Two-fold thickness of 18-gauge steel forms 1/8" (3.2mm) raised edges on all four sides of the shelving.

Atta ID: 8868-002

Alt ID:

Mfr #: (5)1836NFS/(4)74PS

Vendor #: (5)1836NFS/(4)74PS

CAD ID: SHL0187

Item ID:

General Product Detail

Arch Sig: No	Spatially Sig: No
Arch Code: 3-Movable, Non-Elect	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/O	Type: Non-Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: 36.00 in (914 mm)	Left: N/A
Depth: 18.00 in (457 mm)	Right: N/A
Height: 74.50 in (1892 mm)	Front: N/A
Max Weight: 96 lbs (43.5 kg)	Back: N/A
Mounting: Floor	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Product and Project Item Notes

Structural Requirements

Seismic: Yes	Pre-approval:
---------------------	----------------------

Specification:

Structural:

Electrical:

Plumbing:

Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B423	Ante	Project	Draft (New)	1	
Central Sterile / OR Materials	A0B400	Entry/PPE	Project	Draft (New)	1	
Central Sterile / OR Materials	A0B421	Hold Clean	Project	Draft (New)	1	

Total: 3



We put space to work.

Item # _____

Job _____

SUPER ERECTA SHELF® SOLID SHELVING (18-Gauge)

- **Strength:** Two-fold thickness of 18-gauge steel forms 1/8" (3.2mm) raised edges on all four sides of the shelving. This ship's edge gives all-around rigidity and high strength.
- **Weight Load Capacity:** 48" (1219mm) and shorter holds 800lbs (363kg) per shelf, 60" (1524mm) holds 600lbs (272kg) per shelf, 72" (1829mm) holds 300lbs (136kg) per shelf.
- **Sanitary:** Flat, solid style with the raised ship's edge on all four sides and at the corners contains spills, minimizes contamination and permits easier clean-up. Louvered/embossed shelf design allows air circulation under packages and containers.
- **Galvanized Shelves** with uncoated cast corners are ideal for applications requiring solid shelving or a work surface and minimum resistance to corrosion. Available in flat solid and louvered/embossed styles.
- **Standard Type 304 Stainless Steel** shelves with epoxy-coated cast corners address the majority of applications for solid, corrosion resistant shelves or work surfaces. Available in flat solid and louvered/embossed styles.
- **Premium Autoclave/Cart Washable Type 304 Stainless Steel** solid shelves feature an all-stainless construction to withstand high temperature, corrosive applications. Available in flat solid style.
- **Versatile Construction:** Super Erecta Shelf® solid shelving can change as quickly as your needs change. By using various accessories hundreds of shelving configurations become possible.
- **Shelf Accessibility:** Shelves can be loaded/unloaded from all sides. This open construction allows use of the maximum storage space of the cube.
- **Adjustability:** Shelves can be adjusted in 1" (25mm) intervals along the entire length of the post.
- **Adjustable Feet:** Leveling bolts compensate for surface irregularities. Note: Stainless steel stationary posts include stainless leveling bolts.



Raised Ship's Edge



All Metro Catalog Sheets are available on our website: www.metro.com



InterMetro Industries Corporation
North Washington Street, Wilkes-Barre, PA 18705
Product Information. U.S. and Canada: 1.800.992.1776
Outside U.S. and Canada: www.metro.com/contactus

L02-014 Printed in U.S.A. 10/18

Information and specifications are subject to change without notice. Please confirm at time of order.

Copyright © 2018 InterMetro Industries Corp.



**SUPER ERECTA SHELF®
Solid Shelving (18-Gauge)**

10.20



SUPER ERECTA SHELF® SOLID SHELVING (18-Gauge)

We put space to work.®

Galvanized shelves have uncoated, cast aluminum corners. Standard Type 304 Stainless Steel shelves have black epoxy-coated corners. Autoclavable/cart washable Type 304 Stainless Steel shelves have stainless corners.

Nominal Width/Length (in.) (mm)	Approx. Pkd. Wt. (lbs.) (kg)	GALVANIZED		STAINLESS STEEL		Autoclavable Cart Washable Stainless Steel Flat Stainless
		Flat Galvanized	Louvered/ Embossed Galvanized	Flat Stainless	Louvered/ Embossed Stainless	
14x24 355x610	10 4.5	1424FG	1424LG	1424FS	1424LS	1424NFS
14x30 355x760	12 5.4	1430FG	1430LG	1430FS	1430LS	1430NFS
14x36 355x914	14 6.4	1436FG	1436LG	1436FS	1436LS	1436NFS
14x42 355x1066	15 6.8	1442FG	1442LG	1442FS	1442LS	1442NFS
14x48 355x1219	17 7.7	1448FG	1448LG	1448FS	1448LS	1448NFS
14x60 355x1524	22 9.9	1460FG	1460LG	1460FS	1460LS	1460NFS
18x24 457x610	11 5.0	1824FG	1824LG	1824FS	1824LS	1824NFS
18x30 457x760	14 6.4	1830FG	1830LG	1830FS	1830LS	1830NFS
18x36 457x914	16 7.3	1836FG	1836LG	1836FS	1836LS	1836NFS
18x42 457x1066	18 8.2	1842FG	1842LG	1842FS	1842LS	1842NFS
18x48 457x1219	20 9.1	1848FG	1848LG	1848FS	1848LS	1848NFS
18x60 457x1524	24 10.9	1860FG	1860LG	1860FS	1860LS	1860NFS
18x72 457x1829	29 13.2	1872FG	—	1872FS	—	*
21x24 530x610	13 5.9	2124FG	2124LG	2124FS	2124LS	2124NFS
21x30 530x760	15 6.8	2130FG	2130LG	2130FS	2130LS	2130NFS
21x36 530x914	18 8.2	2136FG	2136LG	2136FS	2136LS	2136NFS
21x42 530x1066	21 9.5	2142FG	2142LG	2142FS	2142LS	2142NFS
21x48 530x1219	23 10.4	2148FG	2148LG	2148FS	2148LS	2148NFS
21x60 530x1524	26 11.8	2160FG	2160LG	2160FS	2160LS	2160NFS
24x24 610x610	15 6.8	2424FG	2424LG	2424FS	2424LS	2424NFS
24x30 610x760	17 7.7	2430FG	2430LG	2430FS	2430LS	2430NFS
24x36 610x914	19 8.6	2436FG	2436LG	2436FS	2436LS	2436NFS
24x42 610x1066	21 9.5	2442FG	2442LG	2442FS	2442LS	2442NFS
24x48 610x1219	24 10.9	2448FG	2448LG	2448FS	2448LS	2448NFS
24x60 610x1524	29 14.0	2460FG	2460LG	2460FS	2460LS	2460NFS
24x72 610x1829	33 15.0	2472FG	—	2472FS	—	*

*Contact your Metro representative for availability.



SiteSelect Posts for Super Erecta® Solid Shelving

Stationary posts are fitted with adjustable leveling bolts to compensate for uneven surfaces. Mobile posts will accept stem casters (see Cat. Sheet 11.20). Height for stationary units includes leveling bolt and cap.

STATIONARY*				MOBILE				Approx. Pkd. Wt.	
Actual Height* (in.)	Model No. Plated	Model No. Stainless	Actual Height* (mm)	Model No. Plated	Model No. Stainless	(lbs.)	(kg)		
7 ³ / ₈	187	7P	—	6 ³ / ₄	171	7UP	—	1/2	0.3
14 ³ / ₈	365	13P	13PS	13 ³ / ₄	349	13UP	13UPS	1	0.5
28 ³ / ₈	720	27P	27PS	27 ³ / ₄	704	27UP	27UPS	1 ³ / ₄	0.75
34 ³ / ₈	873	33P	33PS	33 ³ / ₄	857	33UP	33UPS	2	0.9
54 ⁷ / ₁₆	1382	54P	54PS	53 ¹³ / ₁₆	1366	54UP	54UPS	3	1.4
62 ⁷ / ₁₆	1585	63P	63PS	61 ¹³ / ₁₆	1570	63UP	63UPS	3 ¹ / ₂	1.6
—	—	—	—	69 ³ / ₄	1771	70UP	—	3 ³ / ₄	1.7
74 ¹ / ₂	1892	74P	74PS	73 ⁷ / ₈	1876	74UP	74UPS	4	1.8
86 ¹ / ₂	2197	86P	86PS	85 ⁷ / ₈	2181	86UP	86UPS	4 ¹ / ₂	2.0
96 ¹ / ₂	2450	96P	—	—	—	—	—	5 ¹ / ₂	2.5

*Actual height for the stationary post includes the post cap and the leveling bolt completely tightened.

SiteSelect Posts for Autoclavable/ Cart-Washable Applications



Designed for use with stem casters and fitted with swaged aluminum post caps.

9986S

Actual Height (in.)	Actual Height (mm)	Approx. Pkd. Wt. (lbs.)	Approx. Pkd. Wt. (kg)	Model No. Stainless Steel
33 ³ / ₄	857	2	0.9	33UPS-SW
53 ¹³ / ₁₆	1366	3	1.4	54UPS-SW
61 ¹³ / ₁₆	1570	3 ¹ / ₂	1.6	63UPS-SW

Order aluminum split sleeves with stainless "C" rings or corrosive, high-temperature autoclave or cart washing applications.
Model No. **9986S**
One bag required per shelf.



Pav A Basement / Phase 2

Specification Coversheet



Description: Sterilizer, Steam (Electric), Recessed, 2-Door
Manufacturer: STERIS Corporation - Healthcare ((440) 354-2600)
Vendor: STERIS Corporation - Healthcare ((440) 354-2600)
Model: AMSCO 600 2-Wall 26.5'x26.5'x63',480V (1563V-1)

Atta ID: 8881-031
Alt ID:
Mfr #: EF1302342
Vendor #: EF1302342
CAD ID: STE0661
Item ID:

Recessed, 2-Wall double sliding door sterilizer with integral steam generator 480V. Features 724L capacity, pneumatic-driven doors, microprocessor based control system featuring touch screen, fully jacketed chamber construction manufactured from AISI 316L stainless steel, full structural jacket is manufactured from AISI 304 stainless steel. High resolution (8 dots/mm) thermal printer, cycle storage / cycle reprint, sterile (Unload Side) control panel, configurable cycles including conditioning phase, exposure phase, and drying phase. Integral electric steam generator (45kW), feed water booster pump, and steam generator bypass valve.

General Product Detail

Arch Sig: Yes	Spatially Sig: Yes
Arch Code: 1-Fixed	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/V	Type: Medical
	Green: No

Electrical Requirements

Volts: 480	Watts: 27360
Hz: 60	Amps: 57.00
Phase: 3-Phase	BTU/hr: 5620
KVA:	Ded. Circuit: Yes
Emer. Power: No	Plug Type: Hardwire

Physical Requirements

Width: 39.38 in (1000 mm)	Left: N/A
Depth: 76.44 in (1941 mm)	Right: N/A
Height: 89.06 in (2262 mm)	Front: N/A
Max Weight: 3185 lbs (1444.7 kg)	Back: N/A
Mounting: Floor	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: Yes	Gasses: Yes
Water - Hot: No	Drain: Yes
Water - Treated: Yes	Steam: Yes
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: Yes	

Product and Project Item Notes

Structural Requirements

Seismic: Yes	Pre-approval:
---------------------	----------------------

Specification:

Max Weight based on chamber fully loaded with instruments.

Electrical requirements reflect Steam Generators Current, Max Protection - 75 Amps.
 Sterilizer Electric: 440-480 VAC, 3-Phase, 60 HZ - Current 7 Amps, Max. Protection 20 Amps.
 Steam Generator Control: 120 VAC 60Hz - Current 10 Amps, Max Protection 20 Amps.

BTU/HR reflects at each end, BTU/HR between walls: 961

See Installation document for more installation details.

- Structural:**
- Electrical:**
- Plumbing:**
- Mechanical:**

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B403	Clean Work	Project	Draft (New)	2	

Total: 2



AMSCO® 600 SERIES STEAM STERILIZERS (HEALTHCARE) — NORTH AMERICA USE ONLY

APPLICATION

AMSCO 600 Series Steam Sterilizers are configured for prevacuum and gravity sterilization of heat and moisture-stable medical devices and their accessories used in healthcare facilities.

DESCRIPTION

AMSCO 600 Series Steam Sterilizers are equipped with the latest features in both state-of-the-art technology and ease of use. Sterilizer is designed to be completely serviced from the front of the sterilizer, minimizing the footprint.

Chamber sizes – AMSCO 600 medium steam sterilizers are available in three sizes, with interior chamber dimensions (W x H x L) and capacities as follows:

- 26.5 x 26.5 x 39" (673 x 673 x 990 mm); 449L
- 26.5 x 26.5 x 51" (673 x 673 x 1295 mm); 587L
- 26.5 x 26.5 x 63" (673 x 673 x 1600 mm); 725L

Clean steam-ready – All AMSCO 600 series sterilizers include a fully-jacketed chamber with stainless piping for steam delivery.

Vertical-sliding door(s) – Pneumatically-driven doors are operated from a button on the touch screen; and travel down vertically to open.

Control – includes a STERIS micro-processor based control system featuring a touch-sensitive screen. See pages 2 and 3 for details.

STANDARDS

Each AMSCO 600 sterilizer meets applicable requirements of the following listings and standards, and carries the appropriate symbols:

- **Underwriters Laboratory (UL) Standard 61010-1** as certified by Intertek (ETL Registered).



AMSCO 600 Series Steam Sterilizer

(Typical - details may vary)

- **Canadian Standards Association (CSA) C22.2 61010-1** as certified by Intertek (ETL registered).
- **ASME Code, Section VIII, Division 1** for unfired pressure vessels. The pressure vessel is so stamped; ASME Form U-1 is furnished. The shell and door are constructed to withstand a working pressure of 45 psig (3.1 bar).
- **ANSI/AAMI ST8:2013**, Hospital Steam Sterilizers
- **Note:** AMSCO 600 AAMI (Domestic) Unit is IEC/UL certified to 400V

FEATURES

Chamber and Jacket

The AMSCO 600 series sterilizer chamber has a 26.5 x 26.5" (673 x 673 mm) cross section and is sized to allow for efficient high-volume processing of sterilization containers, trays and packs.

Selections Checked Below Apply To This Equipment

AMSCO 600 SERIES MODELS

- 939V-1; 39" (990 mm)
- 1251V-1; 51" (1295 mm)
- 1563V-1; 63" (1600 mm)

SINGLE DOOR MOUNTING

- Recessed
- Cabinet enclosed/free-standing (includes Top Panel)
- Rear Cabinet Panel (Option)

DOUBLE DOOR MOUNTING (Recessed)

- Through two walls
- Through one wall

STEAM SOURCE

- Facility Steam
- Stainless-Steel Integral Electric Steam Generator

STERILIZER ELECTRICAL SERVICE

- 208 - 240 V, 60 Hz *Sterilizer*
- 440 - 480 V, 60 Hz *Sterilizer*
- 380-400 V, 50/60 Hz *Sterilizer*
- Include Service for Integral Electrical Steam Generator 208 - 240 V, 50/60 Hz
- Include Service for Integral Electrical Steam Generator 440 - 480 V, 50/60 Hz
- Include Service for Integral Electrical Steam Generator 380-415 V, 50/60 Hz

WATER CONSERVATION OPTIONS

- STERI-GREEN Water Re-Circulating System
- STERI-GREEN PLUS Chilled Water Loop Re-Circulating System

ACCESSORIES

- Seismic Kit
- Flush and Drain Kit
- Air Compressor

- 600V Transformer (440-480V Sterilizer Required)

CONNECTIVITY

- ConnectAssure

LOADING ACCESSORIES

- Manual Loading - refer to Tech Data 10304914**
- Loading car and transfer carriage
- Rack and shelf (39" Chamber Length Unit Only)
- Chamber rails
- Loading car extraction hook (Telescopic; adjustable length: 47-71" (1041-1803 mm))

Item _____

Location(s) _____

Fully jacketed chamber construction reduces internal condensation. The chamber is manufactured from AISI 316L stainless steel, as is the chamber door; and the full structural jacket is manufactured from AISI 304 stainless steel.

Pressure Vessel

All pressure vessels are designed and manufactured in accordance to the required pressure vessel standards. An identification nameplate is permanently mounted on each pressure vessel. Features include:

- Chamber steam baffle provides uniform steam distribution to the chamber.
- Chamber and jacket are provided with safety relief devices.
- Chamber bottom is sloped to promote drainage of condensate.
- Pressure vessel and doors are insulated with 30 mm of mineral wool (R-Value = 3.3 hr.ft².F/BTU). Jacket is covered with rigid aluminum cladding. Door is covered with stainless-steel cladding.
- Chamber drain port is provided with removable debris screen for easy cleaning.
- Each pressure vessel is hydrostatic pressure tested.
- Chamber is designed to operate from full vacuum to a maximum allowable working pressure of 45 psig (3.1 bar g).
- Jacket is designed for a maximum working pressure of 36 psig (2.5 bar g) internal pressure.
- Pressure vessel penetrations include compression and Tri Clamp fittings, where applicable.
- Sterilizer models 1251V-1 and 1563V-1 (the 51 and 63" deep chamber units) use removable 316L stainless-steel chamber rails. The rails support the loaded car within the chamber.
- Sterilizer model 939V-1 (the 39" deep chamber unit) can be equipped with rails for use with loading car and transfer carriage, or with rack and shelves for scenarios where floor space is limited.

Door Design

AMSCO 600 Series Steam Sterilizers are available with one or two vertical sliding doors. Each door is sealed to chamber by a steam-activated gasket which requires no lubrication.

- Chamber and jacket pressure gauges are provided on the front face (non-sterile side) of the sterilizer. A chamber pressure gauge is provided on the sterile side of double door units.
- Touch-sensitive safety edge stops doors from closing in case of obstruction.
- Control lock-out switch prevents cycle from starting if door is not fully closed.
- Door interlocks, on double door units, ensure only one door can be opened at a time.

Electrical Design

Electrical design includes the following features:

- Standard configuration requires one 3-phase connection.
- Design ensures fail-safe operation in event of an operational abnormality.
- Emergency stop (E-STOP) present by each door for critical situations. When pushed, the E-STOP turns off all outputs from the control and triggers an emergency stop pressed alarm. When released, an emergency stop released alarm occurs. If in-cycle, an abort screen displays, prompting operator to abort the cycle; otherwise the sterilizer returns to an idle condition.

Panel and Frame Assembly

The panel and frame assembly supports pressure vessel, piping, electrical components and fascia panels.

- Frame is a fully welded structure fabricated from carbon steel and painted with corrosion and heat resistant epoxy paint. Frame includes adjustable stainless-steel legs for leveling the unit.
- Sterilizer is designed and manufactured to allow access for maintenance and service from loading end.
- Loading and unloading ends of sterilizer are covered with AISI 304 stainless steel fascia panels polished to a No. 3 finish in accordance with American Society for Testing and Materials (ASTM) (EN 10088-2: 2G).
- Fascia panels are easy to remove to save time and effort during maintenance.

Piping

AMSCO 600 series sterilizers include four piping subsystems; one for each utility supply and one for drainage as follows:

- Steam • Compressed Air • Water • Chamber Drain

Manual-shutoff ball valves located on water, steam and air lines isolate the respective utilities when required.

Steam supply piping and associated valves are made of stainless steel for clean steam.

Two-stage Vacuum Pump provides quiet and efficient operation and deep vacuum for better drying; and results in lower water consumption than is seen with water ejector systems.

Sensors for Temperature and Pressure

AMSCO 600 series sterilizers include sensors for independent control and recording of temperature per AAMI ST8. Additionally, one sensor is used for controlling and recording pressure.

Effluent Cooling

Drain effluent discharge is cooled with a mixing tank. Water usage is minimized through thermal detection.

Sterile Air Filter

Air entering the chamber is filtered through a 0.2-micron hydrophobic sterilizer air filter.

Steam Pressure Regulating Valve (PRV)

PRV regulates incoming steam pressure to within the 42 ±1 psig (2.9 bar g) limit.

Pneumatic Valves

System pneumatic valves are designed and constructed for long life and low maintenance.

STERI-GREEN Water Re-Circulating System- option uses up to 35% less water per cycle than units without a re-circulating system. Water consumptions are based on the water temperature, pressure and flows listed in the consumption table. Sterilizer water consumptions and vacuum efficiency may vary based on facility feed water tolerances. This system recovers water to a reservoir to be recycled and reused.

STERI-GREEN Plus Chilled Water Loop System-option uses 99% less water per cycle than standard units. This system maximizes water savings by connecting into facility's chilled water system in a closed loop. System includes a bypass valve to revert to potable water use if chilled water is temporarily not available.

MOUNTING ARRANGEMENT

The sterilizer is designed for either freestanding or recessed installation. Each sterilizer is height adjustable.

AISI 201/AISI 304 stainless-steel side panels and vented top panel [and optional back panel] are designed to enclose both sides, top [and back] of a single door sterilizer to conceal internal piping and mechanical and electrical components.

Recessed-mounted sterilizers are provided with a trim kit to isolate the service area and assist with air management.

CONTROL SYSTEM

Design Features

The proprietary AMSCO 600 control system consists of a real time operating system, microcomputer control boards, and peripheral function circuit boards. An Internal flash memory stores all cycle memory.

The cycles available on the AMSCO 600 Steam Sterilizer facilitate efficient processing. The unit offers 35 user-programmable[†] cycle options, including prevacuum and gravity cycles designed for steam sterilization of various types of products such as instruments (in trays) and rigid containers, textiles, and pouched items. The AMSCO 600 Steam Sterilizer also offers standard test cycles (Warm-up, Bowie-Dick/air removal and leak test). All processing cycles offer user-programmable options, allowing operators to customize sterilize times above AAMI recommended minimums, temperatures within cleared 270-275°F (132-135°C) range and dry times from 0-120 minutes to meet various instrument manufacturer IFUs[‡]. AMSCO 600 Medium Steam Sterilizers come standard with a 2-stage electric vacuum pump that provides a fast, deep vacuum for more efficient drying.

[†] *This consists of six factory-set cycles, three test cycles and 26 additional cycles that a Customer can add to meet specific processing requirements.*

[‡] *Cycle parameters cannot be adjusted to less than preset, validated settings.*

NOTE: *An under-temperature or over-temperature condition causes the controller to abort the cycle.*

Operator interface control panel, consisting of a touch screen display and thermal printer, is located on the operating end of the sterilizer.

- **Touch-sensitive screen** is a 8.4" (213.4 mm) 8-bit color graphics display located at an ergonomic height, and easily accessible to the operator on the right side of the sterilizer. The control touch screen, from which all sterilizer functions are controlled, features a wide viewing angle and high-visibility backlighting.

The display indicates any abnormal conditions that may exist, either in or out of cycle. Displayed messages are complete phrases with no codes to be cross-referenced.

- **Thermal printer** – High Resolution (8 dots/mm) thermal printer is fast and quiet, printing 25 lines/minute on industrial grade thermal paper. Printout has a guaranteed shelf-life of 25 years and is resistant to exposure from steam, alcohol, UV and visible light, oil, heat and water. On double-door sterilizers, the printer is located on the sterile (unload) side.
- **Cycle Storage / Cycle Reprint** – Sterilizer stores up to the last 300 cycles on internal memory and alerts the operator when 270 cycles are saved. These internally stored cycles can be retrieved, viewed, printed or copied to a USB stick. The sterilizer includes a USB port below the E-Stop on both the OE and NOE panels. When a port is occupied with a USB stick, cycle log data can be saved to the stick.

- **Sterile (Unload Side) control panel**, located on double-door sterilizers only, includes a full-size touch-sensitive screen identical to the operating end screen. Preprogrammed cycles can be started from the sterile side control panel. The display concurrently shows the same information as the sterilizer loading end screen display.

Cycle configuration is performed by accessing the change values menu through the operating end touch screen. The change values menu can be used to adjust cycle values and the following operating parameters:

- **Time display and printout units** – AM/PM or 24-hour.
- **Access code** – a four-digit access code is required to change cycle values.
- **Sound options** – touch screen control includes buttons for selecting a volume level of Low, Medium, or High for:
 - > Touch Tone
 - > End of Cycle Sound
 - > Alarm Sound

Each of the three signals can be independently adjusted, for example, the touch tone can be set to Low, End of Cycle to Medium, and Alarm Sound to High.

A Cycle End Duration button allows the user to set a value within the range of 0 to 90 seconds, determining how long the End of Cycle Sound will continue to signal.

- **Temperature display and printout** can be set to Fahrenheit (°F) or Celsius (°C) and displayed/printed to nearest 1° increment.
- **Pressure/vacuum display and printout units** can be set to PSIA, PSIG, mbar, or kPa.

HEALTHCARE CYCLES

Description

AMSCO 600 Series Steam Sterilizers are provided with prevacuum and gravity cycles designed for steam sterilization of various types of products such as instruments (in trays) and rigid containers, textiles, and products in pouches.

Pre-Set Cycles

AMSCO 600 is pre-configured with the following cycles:

Pre-set Cycles

Cycle Type and Use	Temperature	Sterilize Time	Dry Time
Prevacuum		<i>Minutes</i>	
<i>Instrument Trays</i>	270°F (132°C)	4	30
<i>Single Pack Fabric</i>	270°F (132°C)	4	5
<i>Full Load Fabric</i>	270°F (132°C)	4	20
<i>Immediate Use</i>	270°F (132°C)	4	1
<i>Instrument Trays</i>	275°F (135°C)	3	30
Gravity			
<i>Instrument Trays</i>	250°F (121°C)	30	30
Test			
<i>Warm-up</i>	270°F (132°C)	3	1
<i>Bowie-Dick/Air Removal</i>	270°F (132°C)	3.5	1
<i>Leak Test</i>	15 Minute Leak Hold Period		

Configurable Cycles

Configurable operating parameters enable the Customer to develop and optimize cycles for a variety of applications. All cycles consist of three separate phases as follows:

- **Conditioning phase:** this phase removes air from the chamber prior to the exposure phase. Prevacuum and Gravity-displacement Air Removal Cycles are available. After air removal, the chamber heats up to reach the defined exposure temperature.
- **Exposure phase:** The standard process operates with time based exposure. The timer runs only when the chamber reaches and maintains the pre-selected exposure temperature.
- **Drying phase:** The drying phase uses vacuum to evaporate moisture from the chamber and load.

Test Cycles

AMSCO 600 sterilizers are pre-programmed with the following three test cycles.

- **Warm-Up Cycle** is run to heat the sterilizer chamber and jacket to set temperature. The operator typically runs a warm up cycle prior to running a Bowie-Dick/Air Removal Test Cycle or Leak Test.
- **Bowie-Dick Test Cycle** is used to test prevacuum cycles for verification of effective air removal in chamber and load, in other words, the test cycle determines whether the vacuum system is operating properly so the sterilizer can be used for pre-vacuum cycles. The cycle is programmed with pre-set parameters and should be run daily. Test packs should be placed in an empty chamber directly over the drain on the bottom rack or shelf.
- **Leak Test** is a standard test provided for verification of chamber and piping integrity and should be run weekly, with results recorded. The test uses a 15 minute leak hold period.

STEAM SOURCE OPTIONS

Integral Electric Steam Generator (45 kW)

The optional 45 kW Integral Electrical Steam Generator is designed to produce clean steam. To prevent generator malfunction, feed water must be either deionized or RO, per ASME Pressure Vessel Code 5.3.

The system is located beneath the sterilizer chamber and includes feed water system, steam generation system and controls. All generator components can be completely serviced from the front of the sterilizer.

The Integral Electrical Steam Generator is provided with the following features:

- The pressure vessel meets the ASME pressure vessel code.
- The AISI 316L stainless-steel vessel is rated for 45 psig (3.1 bar g) per code requirements and stamped.
- The heating element contains stainless-steel AISI 316L tubular elements.
- The unit is equipped with two float switch style water level sensors.

Feed water booster pump – included on all AMSCO 600 sterilizers that are equipped with the integral steam generator option. The booster pump maintains the flow of feed water at a rate sufficient to ensure efficient operation of the sterilizer.

Steam Generator Bypass Valve

A ball valve permits the quick exchange of steam source from the integral generator to a stand-alone generator or facility steam source.

CONNECTIVITY OPTIONS

AMSCO 600 Sterilizers are equipped for the following connectivity options.

ConnectAssure

ConnectAssure Technology™ is an electronic record management system that collects cycle information from STERIS equipment to be displayed in an SPD (Sterile Processing Department) tracking system or in the ConnectAssure software interface.

Note: ConnectAssure Data Export is required for the electronic transmission of cycle data over the network to a SPD tracking system. For additional information refer to ConnectAssure Technology™ tech data 10515801.

SPM®

SPM is a networked sterile processing workflow management software application which provides the essential tools for managing assets, supporting staff, disciplining processes and delivering high-quality outcomes the OR requires.

SSi™- Steam Sterilizer Interface

This SPM Steam Sterilizer interface allows for automatic, electronic documentation of load information from STERIS sterilizers to SPM thus simplifying and streamlining the highest frequency process in SPD.

ACCESSORIES

Manual Loading Accessories

Manual loading accessories for AMSCO 600 series sterilizers include the following:

- Chamber rails
- Racks and shelves (39" Chamber Length Units only)
- Loading cars
- Loading car shelves
- Loading car extraction hook
- Transfer carriages (fixed and variable height)
- PouchCare (Rack for peel pouches)

Refer to the tech data, Manual Loading Accessories for AMSCO 600 Series Medium Steam Sterilizers (p/n 10304914), for details pertaining to the above items. For details pertaining specifically to PouchCare, refer to marketing document M3557EN.

PREVENTIVE MAINTENANCE

Preventive Maintenance programs designed to maximize equipment uptime can be tailored to meet Customer requirements. A typical contract provides preventive maintenance site visits twice per year. This maintenance is performed by factory trained STERIS Technicians following documented preventive maintenance procedures to inspect and adjust the equipment. The exact Customer requirements can be determined by a visit with the STERIS District Service Manager before the equipment arrives.

A maintenance-training program can be designed to provide training on preventive maintenance and first response troubleshooting. Training can be scheduled by contacting STERIS.

NOTE: For detailed information always refer to associated equipment drawings.

UTILITY REQUIREMENTS

Refer to the following tables for basic information pertaining to required utilities, connection types, and consumption.

ENGINEERING DATA / UTILITY REQUIREMENTS							
Drain	1-1/2" ODT drain terminal (Gravity drain must be able to handle peak water capacity of 15 gpm (57 LPM))						
Electric	Control and Vacuum Pump						
	208-240 Volt, 3-phase, 60 Hz, 10 Amps, recommended protection 20 Amps. #12 [3.31] AWG						
	380-400 Volt, 3-phase, 50/60 Hz, 7 Amps, recommended protection 20 Amps. #12 [3.31] AWG						
Facility Steam	440-480 Volt, 3-phase, 60 Hz, 7 Amps, recommended protection 20 Amps. #12 [3.31] AWG						
	Size: 3/4" NPT stainless steel fitting. Pressure: 50 to 80 psig (3.45 to 5.5 bar), dynamic, condensate free, and 97 to 100% vapor quality.						
Steam Consumption 270°F (132°C) Cycle	Average Consumption	Peak Consumption	Sterilizer Operating Wt.	Model	Chamber Volume		
Inches (mm)	lb (kg) / Cycle	lb (kg) / hr	lb (kg)		Liter	Cubic Feet	Cubic Inches
26.5 x 26.5 x 39 (673 x 673 x 991)	35 (16)	310 (141)	2800 (1270)	939V-1	448.8	15.8	27388
26.5 x 26.5 x 51 (673 x 673 x 1295)	45 (20)	310 (141)	3135 (1422)	1251V-1	586.9	20.7	35815
26.5 x 26.5 x 63 (673 x 673 x 1600)	55 (25)	310 (141)	3470 (1573)	1563V-1	725.0	25.6	44242
Cold Water	Size: 3/4" NPT. Pressure: 20 to 50 psig (1.4 to 3.5 bar), dynamic.						
	Temperature: 40-70°F (4-21°C). Peak Flow (all units): 12 gpm (45 Lpm)						
Average Consumption	Standard Water Consumption (Average)		Steri-Green Water Consumption		Ster-Green + Consumption		
Inches (mm)	gal (L) / cycle		gal (L) / cycle		gal (L) / cycle		
26.5 x 26.5 x 39 (673 x 673 x 991)	97 (367)		63 (238)		0.5 (2)		
26.5 x 26.5 x 51 (673 x 673 x 1295)	112 (424)		72 (272)		0.5 (2)		
26.5 x 26.5 x 63 (673 x 673 x 1600)	128 (484)		83 (314)		0.5 (2)		
Compressed Air	1/2" NPT 80-100 psig (5.5 to 6.9 bar psig), dry, oil free, 3 scfm.						

ENGINEERING DATA / UTILITY REQUIREMENTS

Optional Stainless Steel Integral Steam Generator (45 kW)	RO / DI Water General information and consumption	1/2" NPT; hot water temperature 70-140°F 21-(60°C). Generator Drain: 1/2" NPT		
		Model 939V-1	4.2 gal/cycle	(16 L/cycle)
		Model 1251V-1	5.4 gal/cycle	(20 L/cycle)
		Model 1563V-1	6.6 gal/cycle	(25 L/cycle)
	Heater Electric	208-220 VAC, 50/60 Hz, 119 Amps, recommended protection 150 Amps, 3-phase minimum, 1/0 [53.49] AWG		
		230-240 VAC, 50/60 Hz, 113 Amps, recommended protection 150 Amps, 3-phase minimum, 1/0 [53.49] AWG		
		380-415 VAC, 50/60 Hz, 64 Amps, recommended protection 80 Amps, 3-phase minimum, 4 [21.15] AWG		
		440-480 VAC, 50/60 Hz, 57 Amps, recommended protection 80 Amps, 3-phase minimum, 4 [21.15] AWG		
	Control Electric	120 Vac, 50/60 Hz, 10 Amps, recommended protection 20 Amps, 12 [3.31] AWG		
	Boiler Weight	Boiler Weight (Empty): 237 lb (108 kg)		
Boiler Weight (Operating): 285 lb (129 kg)				

Additional Specification	Noise Level	64 dBa
---------------------------------	--------------------	--------

SAFETY RELIEF VALVE PARAMETERS			
Safety Relief Valve	PRESSURE	TEMPERATURE	CONNECTION
CHAMBER	45 PSIG max 3.1 bar(g) max	293°F (145°C)	1" NPT
JACKET	36 PSIG 2.5 bar(g) max	282°F (139°C)	1" NPT
OPTIONAL INTEGRAL ELECTRIC STEAM GENERATOR (ESG)	45 PSIG 3.1 bar(g) max	293°F (145°C)	1" NPT

CUSTOMER IS RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE LOCAL AND NATIONAL CODES AND REGULATIONS.

Associated Documents	
Document Title	Document Number
AMSCO 600 MAINTENANCE MANUAL	Dwg. No. 10330608
EQUIPMENT DRAWING, AMSCO 600, 39", 51" & 63" LG. SLIDING, SD, RECESSED WALL, STEAM HEAT	Dwg. No. 10307698 (p/n 11001835)
EQUIPMENT DRAWING, AMSCO 600, 39", 51" & 63" LG. SLIDING, SD, CABINET, STEAM	Dwg. No. 10336741 (p/n 11001836)
EQUIPMENT DRAWING, AMSCO 600, 39", 51" & 63" LG. SLIDING, DD, RECESSED 1 WALL, CABINET, STEAM HEAT	Dwg. No. 10336576 (p/n 11001837)
EQUIPMENT DRAWING, AMSCO 600, 39", 51" & 63" LG. SLIDING, DD, RECESSED 2 WALLS, STEAM HEAT	Dwg. No. 10308020 (p/n 11001829)
EQUIPMENT DRAWING, AMSCO 600, 39", 51" & 63" LG SLIDING, DD, RECESSED 1 WALL, CABINET, STEAM GENERATOR	Dwg. No. 10802437 (p/n 11008536)
EQUIPMENT DRAWING, AMSCO 600, 39", 51" & 63" LG SLIDING, DD, RECESSED 2 WALLS, STEAM GENERATOR	Dwg. No. 10786670 (p/n 11008534)
EQUIPMENT DRAWING, AMSCO 600, 39", 51" & 63" LG SLIDING, SD, CABINET, STEAM GENERATOR	Dwg. No. 10778442 (p/n 11008531)
EQUIPMENT DRAWING, AMSCO 600, 39", 51" & 63" LG SLIDING, SD, RECESSED WALL, STEAM GENERATOR	Dwg. No. 10749736 (p/n 11008529)
EQUIPMENT DRAWING, 75kVA 600 VAC TRANSFORMER	11015196
EQUIPMENT DRAWING, 75kVA 220/240 VAC TRANSFORMER	11022025
EQUIPMENT DRAWING, AMSCO 600, STERI-GREEN PLUS, STER- GREEN 26.5 X 26.5, 39, 51, 63	11016486

For further information, contact:

STERIS[®] STERIS Corporation
5960 Heisley Road
Mentor, OH 44060-1834 • USA
440-354-2600 • 800-548-4873
www.steris.com



**The base language of this document is ENGLISH.
Any translations must be made from the base
language document.**

University of Kentucky

Pav A Basement / Phase 2

Specification Coversheet



Description: Pallet, stackable plastic
Manufacturer: Unspecified
Vendor: Unspecified
Model: Unspecified

Atta ID: 9570-000
Alt ID:
Mfr #:
Vendor #:
CAD ID: ALL0000
Item ID:

General Product Detail

Arch Sig: No	Spatially Sig: No
Arch Code: 0-Unassigned	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/O	Type: Non-Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: N/A	Left: N/A
Depth: N/A	Right: N/A
Height: N/A	Front: N/A
Max Weight: N/A	Back: N/A
Mounting: N/A	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Product and Project Item Notes

Structural Requirements

Seismic: N	Pre-approval:
-------------------	----------------------

- Specification:
- Structural:
- Electrical:
- Plumbing:
- Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B427	Detergent	Project	Draft (New)	2	

Total: 2

Pav A Basement / Phase 2

Specification Coversheet



Description: Dryer, Sterile Air, Pass Thru

Manufacturer: STERIS Corporation - Healthcare ((440) 354-2600)

Vendor: STERIS Corporation - Healthcare ((440) 354-2600)

Model: Pass-Through Drying Cab. w/Air Purge Conn. (38 in)

Pass-Through Sterile Drying Cabinet with air purge connectors. Intended for use in drying of clean medical devices that are not processed in an automatic washer/disinfector. Glass cabinet allows the operator to view the devices currently being dried. Features stainless steel construction, removable/washable shelves and drip pan, temperature control, timer for each shelf, dual filtration including a HEPA filter and a pre filter. Configured with air purge connectors which aid in drying lumens. Air purge can be installed on the top four shelves, or for the four scope hangers. Contains 18 shelves and interlocking door.

Atta ID: 9693-005

Alt ID:

Mfr #: DCR201101/DCA0291

Vendor #: DCR201101/DCA0291

CAD ID: DRY0212

Item ID:

General Product Detail

Arch Sig: Yes	Spatially Sig: No
Arch Code: 2-Movable, Elect	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/V	Type: Medical
	Green: No

Electrical Requirements

Volts: 120	Watts: 1800
Hz: 60	Amps: 15.00
Phase: Single	BTU/hr: 2500
KVA:	Ded. Circuit: Yes
Emer. Power: No	Plug Type: Type B (NEMA 5-20)

Physical Requirements

Width: 38.00 in (965 mm)	Left: 25.00 in (635 mm)
Depth: 31.00 in (787 mm)	Right: 25.00 in (635 mm)
Height: 78.00 in (1981 mm)	Front: N/A
Max Weight: 850 lbs (385.6 kg)	Back: N/A
Mounting: Floor	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Product and Project Item Notes

Structural Requirements

Seismic: Yes	Pre-approval:
---------------------	----------------------

Specification:

See datasheet for typical installation information.

20 Amp Dedicated Circuit required.

Structural:

Electrical:

Plumbing:

Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B418	Decontamination	Project	Draft (New)	1	

Total: 1

APPLICATION

The AMSCO Drying Cabinet is intended for use in drying of clean medical devices that are not processed in an automatic washer/disinfector. The glass cabinet allows the operator to easily view the devices currently being dried.

The AMSCO Drying Cabinet provides HEPA filtered cabinet air and optional HEPA air purge connectors for lumens. The drying cabinet is designed to reduce manual drying time, and the pass-through cabinet provides a secure way to transport devices from decontamination to the clean side. Touchscreen control tracks drying time per shelf to eliminate uncertainty of devices being ready.

DESCRIPTION

The AMSCO Drying Cabinet is a freestanding cabinet of welded 304 stainless-steel construction with tempered glass windows in hinged door(s).

Shelf capacity ranges from nine to 18 removable shelves, depending on the model. Each shelf is capable of holding up to a 25 lb (11 kg) load.

The cabinet is equipped with internal cabinet LED lighting. All models include a removable bottom stainless-steel drip pan(s). The drip pan allows for access to the floor below the cabinet for cleaning, and to the adjustable leveling feet for any required adjustments during installation.



(Typical only - some details may vary.)

The Selections Checked Below Apply To This Equipment

29" (737 mm) DRYING CABINET

- Free Standing Cabinet (DCC100101)
- Free Standing Cabinet with Purge (DCC101101)
- Pass-Through Cabinet (DCR100101)
- Pass-Through Cabinet with Purge (DCR101101)

38" (965 mm) DRYING CABINET

- Free Standing Cabinet (DCC20101)
- Free Standing Cabinet with Purge (DCC201101)
- Pass-Through Cabinet (DCR200101)
- Pass-Through Cabinet with Purge (DCR201101)

ACCESSORIES

- Air Purge Connectors (DCA0291)
- Trim Kit, 29" (737 mm) (DCAR290)
- Trim Kit, 38" (965 mm), (DCAR380)
- Seismic Kit (DCSEISMIC)

Item _____

Location(s) _____

STANDARDS

AMSCO Drying Cabinet is tested and designed for compliance with the following codes:

- UL 61010-1
- CSA C22.2 No. 0
- CSA C22.2 No. 0.4

FEATURES

29" (737 mm) Drying Cabinet

Contains nine shelves, four scope hangers

29" (737 mm) Pass-Through Drying Cabinet

- Contains nine shelves, four scope hangers
- Interlocking doors

38" (965 mm) Drying Cabinet

Contains 18 shelves

38" (965 mm) Pass-Through Drying Cabinet

- Contains 18 shelves
- Interlocking doors

LED light per each shelf allows medical devices to be clearly seen.

Stainless-steel drip pan(s) allows access to floor below the cabinet for cleaning, and to adjustable leveling feet for any required adjustments during installation.

HEPA Filtered Air Purge (optional) assists in the drying of lumen medical devices. A pre-filter minimizes debris prior to the HEPA filter.

Tubing with luer lock connectors aid in the drying process (optional).

Timer Countdown advises when medical devices are nearing their user-selected drying limits. Each shelf is numbered, and corresponds to a timer on the screen.

10" Touchscreen provides clear and intuitive operation for tracking drying time for each shelf.

Precise temperature control allows the user to set temperature from ambient to 136°F (58°C). Supervisor can lock the cabinet temperature if desired.

Cabinet door is interlocking and made of tempered glass.

Door alarm sounds if door is left open for 45 seconds to help minimize heat loss.

Isolated chamber minimizes heat loss.

Schedule option allows facility to create a daily schedule of when the cabinet is heated. Energy saving feature reduces electrical consumption when unit is not in use.

ACCESSORIES

- **Air purge connectors**, which aid in drying lumens, are available as an option for all models. Air purge can be installed on the top four shelves, or for the four scope hangers.
- **Trim kit** encloses the wall gap for the pass-through cabinet.

UTILITY REQUIREMENTS

CUSTOMER IS RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE LOCAL AND NATIONAL CODES AND REGULATIONS.

Electrical – The unit is compatible with the following ratings:

- 120 Vac, 60 Hz, 15 Amp standard duplex receptacle

PREVENTIVE MAINTENANCE

A global network of skilled service specialists can provide periodic inspections and adjustments to help ensure low-cost peak performance. STERIS representatives can provide information regarding annual maintenance agreements.

NOTE

Reference the appropriate AMSCO Drying Cabinet equipment drawing for important installation requirements and details.

The base language of this document is ENGLISH. Any translations must be made from the base language document.

SPECIFICATIONS

Table 1. AMSCO Drying Cabinets

Model Number	Description	Dimensions
DCC100101	29" (737 mm) Drying Cabinet	29" W x 31" D x 78" H (737 x 787 x 1981 mm)
DCC1011101	29" (737 mm) Drying Cabinet with Purge	29" W x 31" D x 78" H (737 x 787 x 1981 mm)
DCR100101	29" (737 mm) Pass-Through Drying Cabinet	29" W x 31" D x 78" H (737 x 787 x 1981 mm)
DCR101101	29" (737 mm) Pass-Through Drying Cabinet with Purge	29" W x 31" D x 78" H (737 x 787 x 1981 mm)
DCC200101	38" (965 mm) Drying Cabinet	38" W x 31" D x 78" H (965 x 787 x 1981 mm)
DCC201101	38" (965 mm) Drying Cabinet with Purge	38" W x 31" D x 78" H (965 x 787 x 1981 mm)
DCR200101	38" (965 mm) Pass-Through Drying Cabinet	38" W x 31" D x 78" H (965 x 787 x 1981 mm)
DCR201101	38" (965 mm) Pass-Through Drying Cabinet with Purge	38" W x 31" D x 78" H (965 x 787 x 1981 mm)

For Further Information, contact:

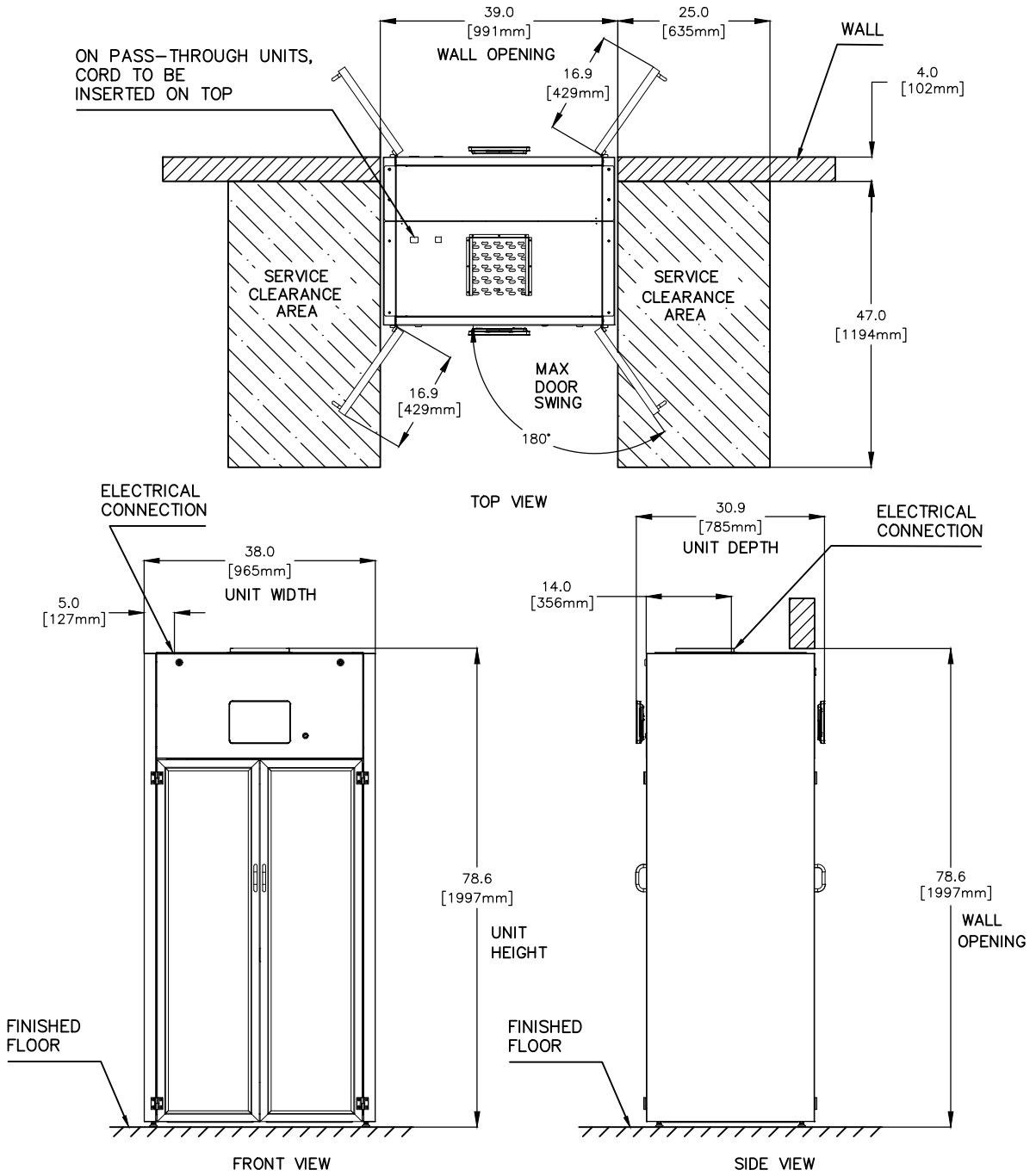
STERIS®



STERIS Corporation
5960 Heisley Road
Mentor, OH 44060-1834 • USA
440-354-2600 • 800-548-4873
www.steris.com

This document is intended for the exclusive use of STERIS Customers, including architects or designers. Reproduction in whole or in part by any party other than a Customer is prohibited.

38" PASS THROUGH DRYING CABINET TYPICAL INSTALLATION



T
I
T
L
E

EQUIPMENT_DRAWING AMSCO_DRYING_CABINET_38"_PASS_THROUGH INSTALLATION

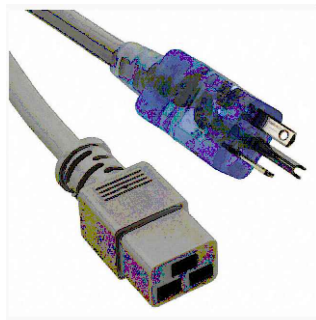
SIZE: A	SCALE: NTS		DRAWN BY: GREG KACHKA	DRAWING NUMBER: 11003253	PART NUMBER: 11003253	REVISION: A
-------------------	----------------------	--	---------------------------------	------------------------------------	---------------------------------	-----------------------

This document contains confidential and proprietary information of STERIS Corporation. Neither this document nor the information herein are to be reproduced, either in part or in whole, except as specifically authorized by STERIS Corporation.

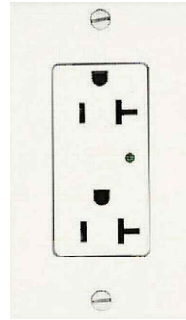
SHEET
4 OF 6

PHYSICAL SPECIFICATIONS		
SHIPPING DIMENSIONS	34 in x 53 in x 96in [0.86 m x 1.35 m x 2.44 m]	
SHIPPING WEIGHT	29 INCH UNIT	38 INCH UNIT
	750 LB [340 KG]	850 LB [386 KG]
OPERATING WEIGHT (LOADED)	29 INCH UNIT	38 INCH UNIT
	650 LB [295 KG]	750 LB [340 KG]
OPERATING CONDITIONS	63°F - 77°F (17°C - 25°C) at 20% - 60% RH	
HEAT LOSS	2500 BTU/HR at 70°F (21°C)	
ELECTRICAL	110 - 120VAC 20AMP DEDICATED WALL PLUG (AS SHOWN)	

CORD



WALL PLUG

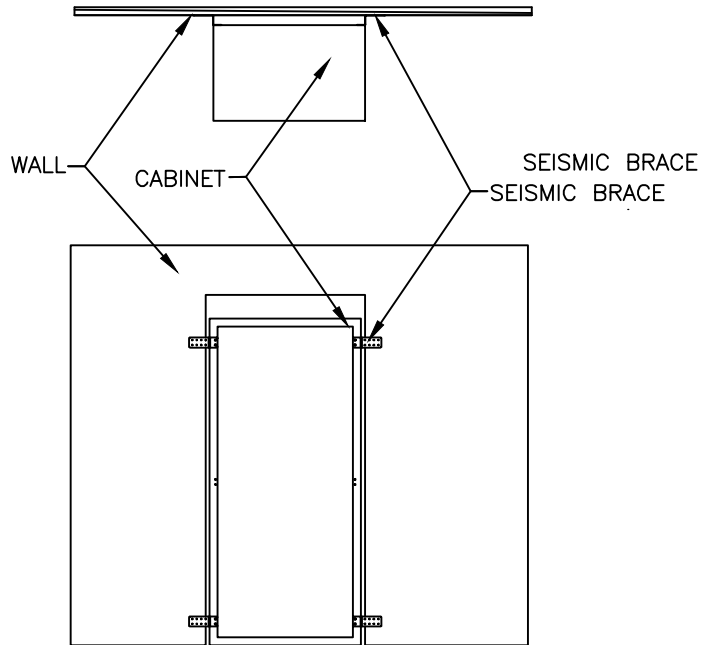
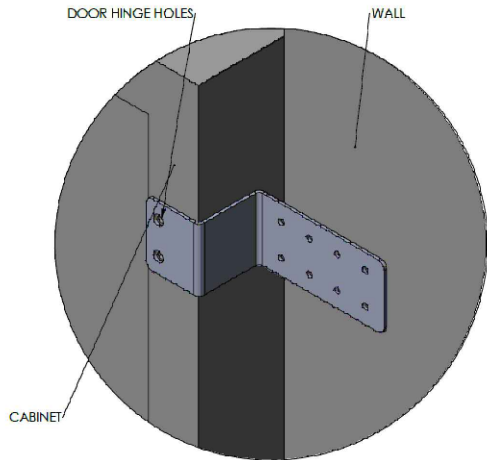


INSTALLATION NOTES:

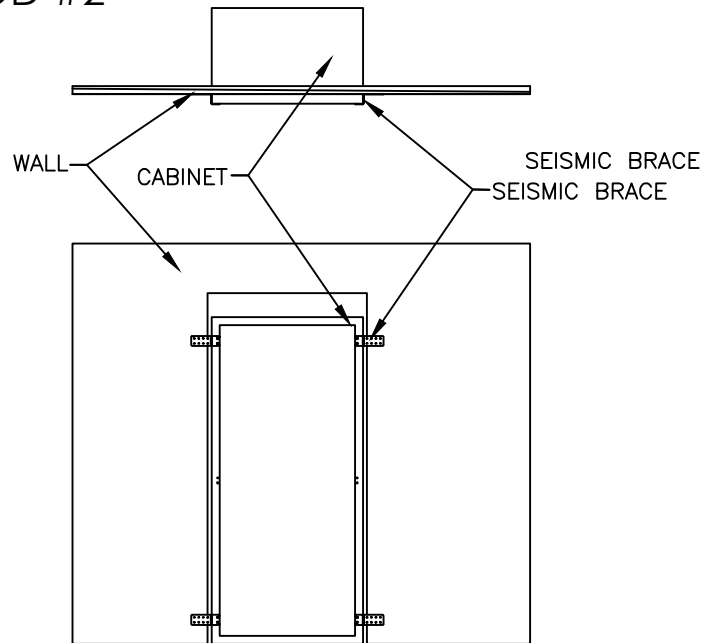
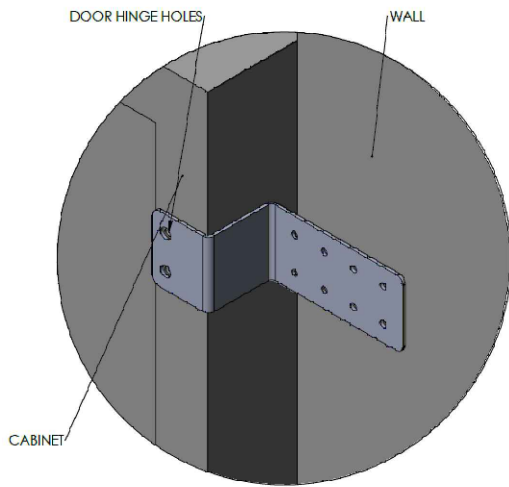
1. THE INSTALLATION OF THE HEATING CABINET MUST MEET ALL FEDERAL, STATE AND LOCAL REGULATIONS (NEC IN U.S., IEC IN EU AND CEC IN CANADA).
2. INSTALLATION SPECIFICATIONS IS LISTED AS ENGINEERING AND INSTALLATION GUIDES.
3. REFERENCED COMPONENTS AND SERVICE CONNECTIONS ARE NOT FURNISHED AS PART OF EQUIPMENT UNLESS UNDER WRITTEN AGREEMENT WITH STERIS
4. IT IS RECOMMENDED THAT THE HEATING CABINET BE INSTALLED IN AN AREA WITH A VENTILATION SYSTEM.
5. POWER CORD GRAY NEMA 5-20P TO IEC 320-C15 SJT TO BE INCLUDED WITH CABINET 10.0FT LONG
6. FOR PASS THROUGH UNITS, MAXIMUM WALL THICKNESS IS AT 6 INCHES (152.4 MM)
7. ALL DIMENSIONS ARE IN INCHES AND [MM].
8. LEVELING FEET ARE PROVIDED FOR PROPER INSTALLATION
9. THIS SERVICE CLEARANCE MUST BE MAINTAINED TO ALLOW ACCESS TO HEATING CABINET FOR SERVICEABILITY.
10. STERIS ASSUMES NO RESPONSIBILITY FOR CHANGES MADE NECESSARY THROUGH FAILURE TO OBSERVE THE SPECIFICATIONS ON EQUIPMENT DRAWING AND NOTE PAGES. SPECIFICATIONS AND DESCRIPTIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

	T I T L E	EQUIPMENT_DRAWING AMSCO_DRYING_CABINET GENERAL_NOTES					
		SIZE: A	SCALE: NTS		DRAWN BY: GREG KACHKA	DRAWING NUMBER: 11003253	PART NUMBER: 11003253
This document contains confidential and proprietary information of STERIS Corporation. Neither this document nor the information herein are to be reproduced, either in part or in whole, except as specifically authorized by STERIS Corporation.						SHEET 6 OF 6	

METHOD #1



METHOD #2



T
I
T
L
E

EQUIPMENT_DRAWING
AMSCO_DRYING_CABINET
SEISMIC_INSTALLATION

SIZE: A	SCALE: NTS		DRAWN BY: GREG KACHKA	DRAWING NUMBER: 11003253	PART NUMBER: 11003253	REVISION: A
------------	---------------	--	--------------------------	-----------------------------	--------------------------	----------------

This document contains confidential and proprietary information of STERIS Corporation. Neither this document nor the information herein are to be reproduced, either in part or in whole, except as specifically authorized by STERIS Corporation.

SHEET
5 OF 6

University of Kentucky

Pav A Basement / Phase 2

Specification Coversheet



Description: Refrigerator, Allowance
Manufacturer: Sanyo
Vendor: Unspecified
Model: Countertop Refrigerator

Atta ID: DL277YQ
Alt ID:
Mfr #:
Vendor #:
CAD ID: REF0000
Item ID:

General Product Detail

Arch Sig: Yes	Spatially Sig: No
Arch Code: 2-Movable, Elect	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/O	Type: Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: N/A	Left: N/A
Depth: N/A	Right: N/A
Height: N/A	Front: N/A
Max Weight: N/A	Back: N/A
Mounting: N/A	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Product and Project Item Notes

Structural Requirements

Seismic: N	Pre-approval:
-------------------	----------------------

- Specification:
- Structural:
- Electrical:
- Plumbing:
- Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B510	Supply Storage	Existing (Reuse)	Draft (Existing)	1	

Total: 1

University of Kentucky



Pav A Basement / Phase 2 Specification Coversheet

Description: Conveyor System, Automated
Manufacturer: STERIS Corporation - Healthcare ((440) 354-2600)
Vendor: Unspecified
Model: SCS Automated Conveyor System

Atta ID: DL606MY
Alt ID:
Mfr #:
Vendor #:
CAD ID: CVY0000
Item ID:

General Product Detail

Arch Sig: Yes	Spatially Sig: No
Arch Code: 2-Movable, Elect	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/V	Type: Non-Medical
	Green: No

Electrical Requirements

Volts: 120	Watts: 720
Hz: 60	Amps: 6.00
Phase: Single	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: Type B (NEMA 5-15)

Physical Requirements

Width: 37.50 in (953 mm)	Left: N/A
Depth: 70.44 in (1789 mm)	Right: N/A
Height: 24.38 in (619 mm)	Front: N/A
Max Weight: 600 lbs (272.2 kg)	Back: N/A
Mounting: Floor	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Product and Project Item Notes

Structural Requirements

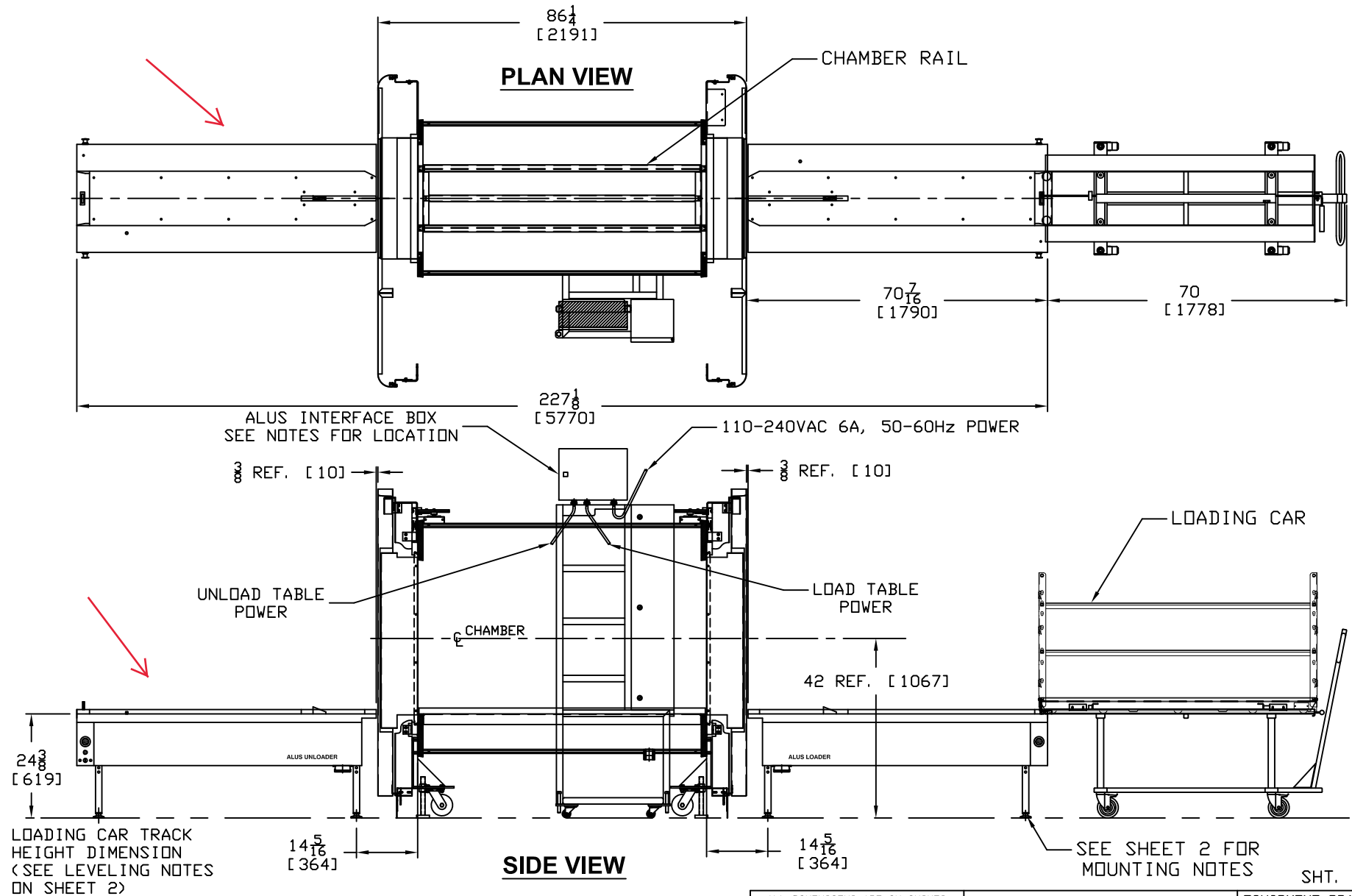
Seismic: Y	Pre-approval:
-------------------	----------------------

- Specification:
- Structural:
- Electrical:
- Plumbing:
- Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B418	Decontamination	Project	Draft (New)	1	

Total: 1



LOADING CAR TRACK
HEIGHT DIMENSION
(SEE LEVELING NOTES
ON SHEET 2)

SHT. 1 OF 2

ALL DIMENSIONS ARE IN INCHES
(MILLIMETERS)
ALSO REFER TO GENERAL NOTES
APPLICABLE TO EQUIPMENT DRAWINGS
DWG. NO. 62941-091

STERIS
STERIS Corporation
Mentor, OH

ALUS AUTOMATIC
LOAD/UNLOAD SYSTEM FOR
26 x 37.5 x 66 EVOLUTION
STEAM STERILIZER
DOUBLE SLIDING DOOR

EQUIPMENT DRAWING NO.
129391-260

ITEM _____

LOCATION(S) _____

AUTOCAD. DWG.

INSTALLATION SPECIFICATIONS:

THE INSTALLATION OF THE ALUS AUTOMATIC LOAD/UNLOAD SYSTEM MUST MEET ALL APPLICABLE REGULATIONS.


INSTALLATION SPECIFICATION IS LISTED AS ENGINEERING AND INSTALLATION GUIDES. REFERENCED COMPONENTS AND SERVICE CONNECTIONS ARE NOT FURNISHED AS PART OF EQUIPMENT UNLESS UNDER WRITTEN AGREEMENT WITH STERIS.

1. PROVIDE CIRCUIT PROTECTION AS REQUIRED BY LOCAL CODES AND STANDARDS, INDIVIDUAL POWER SHUTOFFS REQUIRED NEAR EACH MACHINE FOR SERVICING.
2. THE FLOOR SURFACES AT BOTH ENDS OF THE STERILIZER MUST BE SMOOTH AND LEVEL WITH NO OBSTRUCTIONS (SUCH AS PIPING, WIRING, FLOOR SINKS, ETC.) TO ALLOW FOR MOUNTING THE FEET OF THE LOAD/UNLOAD TABLES.
3. LOADER AND UNLOADER TABLE FEET MUST BE SECURED TO THE FLOOR USING FLOOR ANCHORS AND SCREWS (BY OTHERS). HOLE LOCATIONS EXIST ON THE FOOT PADS.
4. LOADER, CHAMBER RAIL AND UNLOADER MUST BE POSITIONED IN A STRAIGHT LINE WITH A COMMON CENTER LINE WITH THE CHAMBER RAIL. ALSO, THE LOAD AND UNLOAD TABLES MUST BE ADJUSTED TO A HORIZONTAL LINE LEVEL WITH THE CHAMBER RAIL.
5. **PLACEMENT OF ELECT. DISCONNECTS:** WHEN INSTALLING; DISCONNECTS MUST BE LOCATED IN A SUITABLE LOCATION WITHIN LINE OF SIGHT AND CLEAR OF ANY OBSTRUCTIONS THAT WOULD PUT THE SERVICE PERSON IN **HARMS WAY** IN ORDER TO SHUT IT OFF. ALSO, THE LOCATION OF THE DISCONNECTS SHOULD ALLOW THE SERVICE PERSON TO SHUTOFF POWER FROM THE SIDE TO PREVENT POSSIBLE ARC FLASH.
6. ALUS INTERFACE BOX TO BE MOUNTED (BY OTHERS) WITHIN STERILIZER SERVICE AREA (WHERE AVAILABLE) SO CABLES CAN REACH BOTH LOAD AND UNLOAD TABLES. **CAUTION:** INTERFACE BOX MUST NOT INTERFERE WITH OTHER CONTROL BOXES OR ELECTRICAL DISCONNECTS THAT EXIST.
7. OPERATING AND NON-OPERATING END KICK PANELS MUST BE NOTCHED (BY OTHERS) DIRECTLY UNDER THE WIDTH OF THE TABLES FOR ACCESS TO FEED INTERFACE CABLES TO EACH TABLE CONNECTOR.

GENERAL NOTES:

1. FOR GENERAL INSTALLATION INFORMATION SEE STERIS DRAWING NO. 62941-091. (THIS DWG. SHOULD ALWAYS ACCOMPANY THE EQUIPMENT DWGS.) IF DWG. IS NOT ATTACHED, CONTACT STERIS SERVICE ENGINEERING AT 1-800-333-8848 TO OBTAIN A COPY.
2. STERIS ASSUMES NO RESPONSIBILITY FOR CHANGES MADE NECESSARY THROUGH FAILURE TO OBSERVE THE SPECIFICATIONS ON EQUIPMENT DRAWING AND NOTE PAGES. SPECIFICATIONS AND DESCRIPTIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.
3. ALL DIMENSIONS IN INCHES AND (MM).

CHECK ALL NATIONAL CODES AND STANDARDS SHT. 2 OF 2

<p>ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) ALSO REFER TO GENERAL NOTES APPLICABLE TO EQUIPMENT DRAWINGS DWG. NO. 62941-091</p>	<p>ALUS AUTOMATIC LOAD/UNLOAD SYSTEM FOR 26 x 37.5 x 66 EVOLUTION STEAM STERILIZER DOUBLE SLIDING DOOR</p>	<p>EQUIPMENT DRAWING NO. 129391-260 ITEM _____ LOCATION(S) _____</p>
<p>STERIS </p>	<p>STERIS Corporation Mentor, OH</p>	

University of Kentucky



Pav A Basement / Phase 2 Specification Coversheet

Description: Irrigator, Allowance
Manufacturer: Steris
Vendor: Unspecified
Model: Innowave pro 60

Atta ID: DL901LM
Alt ID:
Mfr #:
Vendor #:
CAD ID: IRR0000
Item ID:

General Product Detail

Arch Sig: No	Spatially Sig: No
Arch Code: 0-Unassigned	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/V	Type: Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: N/A	Left: N/A
Depth: N/A	Right: N/A
Height: N/A	Front: N/A
Max Weight: N/A	Back: N/A
Mounting: N/A	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Product and Project Item Notes

Structural Requirements

Seismic: N	Pre-approval:
-------------------	----------------------

- Specification:
- Structural:
- Electrical:
- Plumbing:
- Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B418	Decontamination	Project	Draft (New)	3	

Total: 3

University of Kentucky

Pav A Basement / Phase 2

Specification Coversheet



Description: Sterilizer, Steam, Pass-Thru
Manufacturer: STERIS Corporation - Healthcare ((440) 354-2600)
Vendor: Unspecified
Model: Amsco 600 Pass-through Hatch 63"

Atta ID: DM316KN
Alt ID:
Mfr #: AY1597004
Vendor #:
CAD ID: STE0000
Item ID:

General Product Detail

Arch Sig: Yes	Spatially Sig: No
Arch Code: 1-Fixed	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/V	Green: No
Type: Medical	

Electrical Requirements

Volts: 115	Watts: 1380
Hz: 60	Amps: 12
Phase: Single	BTU/hr: 1111
KVA: N/A	Ded. Circuit: Yes
Emer. Power: No	Plug Type: Hardwire

Physical Requirements

Width: 26.25 in (667 mm)	Left: 18.00 in (457 mm)
Depth: 41.50 in (1054 mm)	Right: 18.00 in (457 mm)
Height: 73.50 in (1867 mm)	Front: N/A
Max Weight: 900 lbs (408.2 kg)	Back: N/A
Mounting: Floor	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: Yes	Gasses: No
Water - Hot: No	Drain: Yes
Water - Treated: No	Steam: Yes
Vent: Yes	Vacuum - Dental / Medical: No / No
Tech Connect: Yes	

Product and Project Item Notes

Structural Requirements

Seismic: Y	Pre-approval:
-------------------	----------------------

- Specification:
- Structural:
- Electrical:
- Plumbing:
- Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B403	Clean Work	Project	Draft (New)	1	

Total: 1

CUSTOMER: _____

REFERENCE: _____

GETINGE

GETINGE GROUP

400 HC & 500 HC SERIES GRAVITY & VACUUM/GRAVITY STEAM STERILIZERS FOR HEALTHCARE APPLICATIONS

PRODUCT SPECIFICATION

PRODUCT

Both the 400HC Series and 500HC Series Sterilizers consist of two models. The 422HC and 522HC Gravity Steam Sterilizers employ gravity/downward displacement with positive pulse conditioning and the 433HC and 533HC Vacuum/Gravity Steam Sterilizers employ both gravity/downward displacement with positive pulse conditioning and pressure/vacuum pulsing for dynamic air removal. Up to 22 cycles can be easily accessed in two easy steps. Custom cycle names can be designated for each cycle and re-ordered for easy access. All cycle phases are sequenced and monitored by the control system, providing both audible and visual notification of deviation from key operating parameters.

APPLICATION

For general-purpose gravity or vacuum steam sterilization of hospital instruments and supplies. The selectable temperature range is from 230°F to 275°F (110°C to 135°C) and from 219°F to 275°F (104°C to 135°C) for liquid cycles. Applications include wrapped and unwrapped porous and nonporous hard goods, gowns or towel packs and liquids in self-venting or unsealed containers. The liquid exhaust is microcomputer controlled for linear and consistent liquid cool down, programmable within a specified range.

Standard = Optional

MODEL SELECTION

400HC Series 17.5" (445 mm) x 17.5" (445 mm)
x 26" (660 mm), 4.6 Cu Ft (130 L)

- 422HC Gravity Steam
- 433HC Gravity and Vacuum Steam

500HC Series 21" (532 mm) x 21" (532 mm)
x 38" (965 mm), 9.7 Cu Ft (275 L)

- 522HC Gravity Steam
- 533HC Gravity and Vacuum Steam

DOOR SELECTION

- Manual
- Power (400 Series Double Door - Special Order)

SINGLE DOOR MOUNTING

- Recessed
- Cabinet

DOUBLE DOOR MOUNTING

- Recessed both ends (500HC Series Only)
- Cabinet, recessed one end

CONTROL PANEL LOCATION

- On Unit
- Wall Mounted, vertically – remote from unit



ELECTRICAL SUPPLY - Sterilizer

- 120V 1Ph 50/60 Hz
- 230V 3Ph 50/60 Hz

VACUUM SOURCE/PIPING

- Ejector with copper/brass piping and valves
- Ejector with stainless steel piping to chamber and jacket
- 3-Phase vacuum pump system with stainless steel piping to chamber and jacket

Note:

- Not available on units with integral boiler
- Not available on 400 Series with DD

Select Vacuum Pump Voltage

- 208V, 3Ph, 50/60 Hz
- 230V, 3Ph, 50/60 Hz
- 480V, 3Ph, 50/60 Hz
- 600V, 4Ph, 50/60 Hz

STEAM SOURCE

- House steam
- 30 kW steam boiler with automatic feed water pump

Note:

- Boiler not available with vacuum pump system
- Boiler not available on 400 series with DD

Select Steam Boiler Voltage

- 208V 3Ph 50/60 Hz
- 240V 3Ph 50/60 Hz
- 480V 3Ph 50/60 Hz
- 380/415V 3Ph 50/60 Hz
- 600V 3Ph 50/60 Hz

Select Steam Boiler Material

- Carbon Steel
- Optional 304L Stainless Steel Boiler for use with SST ejector and piping

- Boiler Control and Safety Device (CSD-1). Satisfies ASME code for secondary low water cut-off
- Automatic Steam Boiler Blowdown
- ASME Blowdown Separator

OTHER STERILIZER OPTIONS

- Uninterrupted Power Supply (UPS). Provides 115V power for up to 30 minutes to complete a cycle in process
- Water Saver Package for Vacuum Ejector Models only
 - 115V
 - 230V
- 115V Chiller Unit for Water Saver
- House chilled water COIL in lieu of electric Water Chiller
- T-DOC Digital Data Logging System
 - Requires CAT-5 Ethernet drop (client responsibility)

CONTROLLER LANGUAGE (Select one)

- English
- French
- Spanish

ANCILLARY EQUIPMENT

- Rack with two shelves
 - Extra third shelf – 400HC Series
 - Extra third shelf – 500HC Series
- 500HC Series Load Car with interior track _____Qty.
- 500HC Series Transfer Trolley _____Qty.

QUALITY STATEMENT

Confidence in the Getinge Group is the most important quality criterion. This must be the hallmark of all our external and internal commitments, activities and products. Products and services supplied by Getinge must conform to the agreed terms and expectations to ensure recommendations for further business. The achievement of these quality goals is the basis for a continued competitive and successful enterprise.

STANDARDS AND CODES

- The sterilizer shall comply with or meet the requirements of:
- ASME (Section VIII, Division 1) Code for Pressure Vessels
 - Canadian Registration Number (CRN) Pressure Vessel Design
 - Uniform Plumbing Code
 - ETL Listed to UL 61010A-1 and UL 61010A-2-041
 - ETL Listed to IEC 61010-1 and IEC 61010-2-041
 - cETL Listed to CSA C22.2 Nos. 1010.1 and 61010.2.041
 - Seismic Anchoring Requirements per California Building Code (2007)
 - ANSI/AAMI ST8:2008
 - CSA 2314.7-03 (R2008)

STANDARD SAFETY FEATURES

- **Steam Interlock Door Switch**—Prevents steam from entering the chamber when the door is not sealed.
- **Steam Safety Valve(s)**—There are Steam Safety Relief valve(s) to ensure that the chamber and/or jacket do not over-pressurize.

- **Door obstruction shut-off**—If the automatic door encounters an obstacle, a safety clutch stops the door movement. After a short time-out the motor will be shut down.
- **Analog chamber gauges**—Two needle-style gauges give real-time pressure readings in the chamber and jacket even in the event of micro-computer control system outage.
- **Program check**—The control system validates all user-programmed cycle parameters against safe effective cycle recommendations. A warning appears if users attempt to program a cycle beyond recommended parameters.
- **Supervisor password**—A supervisor password is required to change cycle names or parameters.
- **Abort alert**—Aborted cycles result in a warning message that requires user intervention before the chamber can be reopened.
- **Gasket retract valve**—In the event emergency access to the chamber becomes necessary the gasket may be retracted manually.
- **Door safety baffle**—In the unlikely event of a catastrophic door failure, the gasket will blow out and a baffle at the chamber mouth directs steam away from areas where users might be working.
- **Heat guards and insulation**—Insulation and heat guards are built-in on all surfaces where operators routinely come into contact, particularly near the door, and chamber openings.
- **Water alarm**—High water levels in the drain that cannot be corrected automatically result in an audible alert.

MICROPROCESSOR CONTROLS

Getinge Sterilizers employ a Hitachi 20 MHz microprocessor on a dedicated controller (CPU) with 8 MB of RAM. The control panel consists of an operator interface panel (called OP30), a thermal printer, mechanical chamber and jacket pressure gauges, status indicators, active touch sensitive switches, and controls On/Off switch.

Controls are located above the door for convenience. An internal deflection barrier routes steam vapor and moisture away from the door and behind the electronic controls to maintain temperatures at or below temperature limits. If specified, the control panel can be located remotely from the sterilizer with up to 32.8 feet (10 m) of cable. An RS 232 port is provided for serial communications for central data collection or remote service analysis and is ready for T-DOC® connection. The OP30 user interface panel is a durable 1/4 VGA 5.7 inch diagonal color screen with 320 x 240 pixels. Below the screen are five soft keys to access other screens or displays and to make changes to cycle parameters.

Push-button switches, with international symbols and descriptive words, provide door seal and unseal or, if a power door is furnished, vertical movement of the door. Audible and visible operator feedback is provided when a selection is made or a fault message is displayed. Temperature can be set, controlled and displayed in degrees Celsius or Fahrenheit and pressure in psia, bar or kPa. Double door models have one printer and a complete OP30 User Interface at both ends of the sterilizer for full control capabilities at either door.

The chamber drain is continuously monitored for the presence of water during a cycle. If water is detected and cannot be automatically corrected, a high water alarm alerts the user.

CYCLE DOCUMENTATION

The printer documents cycle performance using special thermal paper for a permanent record. Thermal printing allows for quiet operation. At cycle completion, a cycle performance record is printed. Paper is replaced by a “drop in and quick feed” method and the printed strips can be either accumulated on an automatic take-up reel, or torn off for individual cycle storage. A last cycle duplicate print and paper feed switch is provided. The printer is located on the control panel and documents the following on a 200-dpi dot matrix printer (1.88” [47.6 mm] wide print width):

- Process start time and date, sterilizer name and number, daily cycle number and total cycle count.
- Cycle selected with time and temperature, with other adjustable parameters identified.
- Cycle phase transition points, temperature, pressure and total cycle time.
- Process fault information messages with time of occurrence
- Parameter Check provides a calculated, numeric process lethality.
- Summary verification of time at selected temperature (min/max exposure values).
- Cycle verification signature line.

OP30 User Interface Features

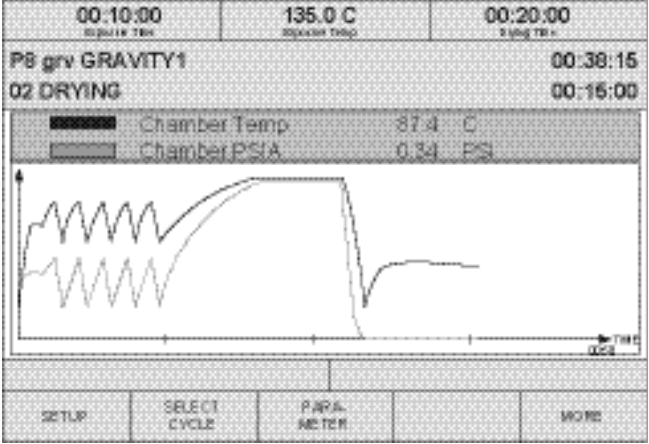
The OP30 color screen is divided into specific sections to display selection and performance information in a consistent manner. The top section identifies the time and temperature selected for the cycle. Below that is the type of cycle selected. The middle portion provides a choice of three screens to view real-time cycle information. “Pop-up” dialog boxes to change values appear within parameter selection screens to implement changes. Parameter Check feature is used to verify the selected exposure time and exposure temperature settings are within an allowable range. If time and temperature is selected below factory recommended values, a message will be displayed. Parameters are password protected.

The three screens are:

- **Detail:** Displays real time process information in text form

00:03:00 Exposure Time	275.0 F Exposure Temp	00:20:00 Drying Time
P1 vac PREVAC1		00:00:00
01 STANDBY		01:12:44
Chamber Temp	84.4 F	
Cham Press/PSIG	0.00 PSI	
Jacket Temp	274.9 F	
Atmosphere PSIA	14.25 PSI	
Chamber PSIA	14.25 PSI	
Steam Table Diff	-13.28 PSI	
Exp. Temp Max	275.6 F	
SETUP	SELECT CYCLE	PARAMETER
		UNSEAL

- **Plot Graph:** Displays cycle temperature and pressure in colored graph during a cycle.



- **Bar Graph:** Displays temperature and pressure in a bar graph, with a large, easy to read, time remaining to the end of the cycle (averages the last three cycles for each cycle type).



The lower portion of the screen provides text alarm messages and non-critical system messages, both using color displays, and soft key identifications. Navigating the various screens is accomplished by use of soft keys, directional arrows to move the cursor and change values, and the Enter key. Up to 22 factory recommended cycles are available. Time and temperature can be changed using a quick edit feature. Each change prompts user acceptance by the use of a Yes/No acknowledgment and a “Save” soft key.

For Supervisor access, an alpha-numeric display provides levels of access for individual users and service. Using the soft key labeled “Setup” provides the ability to:

- Select operating screens.
- Print the last cycle (a printer function).
- Adjust system menu for setting the calendar and to establish users.
- Establish passwords for each user.
- Access the “about” selection to identify the model and system software number.
- Choose language, date format, temperature and pressure measurement.
- Adjust parameters through password access.

Finally, an optional Automatic Steam Boiler Blowdown System can be programmed to blow down the steam boiler automatically once a day, while cooling hot condensate through internal piping. This is typically scheduled during off-peak time.

FACTORY RECOMMENDED CYCLES

MODELS 422HC and 522HC (14 total cycles)

- 3 Gravity cycles of 30 minutes exposure at 250°F (121°C) with 45 minutes dry time.
- 3 Gravity cycles of 10 minutes exposure at 275°F (135°C) with 45 minutes dry time.
- 4 Gravity Flash* cycles for non-porous items of 3 minutes exposure at 275°F (135°C) with 10 seconds dry time.
- 2 Gravity Flash* cycles for porous and non-porous items of 10 minutes exposure at 275°F (135°C) with 10 seconds dry time.
- 2 Liquid** cycles at 250°F (121°C), with one for 30 minutes exposure, and one at 45 minutes.

MODELS 433HC and 533HC (22 total cycles)

- 3 Gravity cycles of 30 minutes exposure at 250°F (121°C) with 45 minutes dry time.
- 3 Gravity cycles of 10 minutes exposure at 275°F (135°C) with 45 minutes dry time.
- 6 Pre-Vacuum cycles of 3 minutes exposure at 275°F (135°C), with the following applications:
 - Zero dry time for unwrapped porous or non-porous items.
 - 3 minutes minimum dry time for single wrap instruments or a load of linen.
 - 16 minutes minimum dry time for mixed loads of wrapped instruments and linens.
- 4 Gravity Flash* cycles for non-porous items of 3 minutes exposure at 275°F (135°C) with 10 seconds minimum dry time.
- 2 Gravity Flash* cycles for porous and non-porous items of 10 minutes exposure at 275°F (135°C) with 10 seconds dry time.
- 1 Bowie & Dick Test cycle of 3.5 minutes exposure at 273°F (134°C) with zero dry time.
- 1 Vacuum Leak Test cycle run at 268°F (131°C).
- 2 Liquid** cycles at 250°F (121°C), with one for 30 minutes exposure, and one at 45 minutes.

Note: Selection of time and temperatures other than factory recommendations require user verification of the cycle efficacy.

*Steam sterilization by the unwrapped (Flash) method is employed when time does not permit the use of the preferable, wrapped sterilization procedure. Implantable devices should never be sterilized by the unwrapped method.

**The liquid cycle, if used, is not intended for the sterilization of liquids used directly for patient contact.

PERFORMANCE

When installed and connected to specified utility services, the system provides accurate and repeatable performance. During the timed exposure phase, the temperature will be controlled by the chamber sensor at 1.44°F (0.8°C) above the set point ($\pm 0.1^\circ\text{C}$). Temperature selectivity is in 0.1°F (0.1°C) increments. Timing functions are selectable in one-second increments, and accuracy is within 0.04%. Temperature is controlled by a time proportioning continuous algorithm, called Proportional Integral (PI). A battery with a 10 year life holds programmed cycle values in memory. In the event of a power interruption, current cycle status is stored for up to 1 minute.

CYCLE PROGRESSION

- **Gravity/Wrapped Goods (Pressure pulse conditioning)**
 - a. **Conditioning**—Steam flows into the chamber for a timed period, followed by a series of positive pressure pulses to remove chamber air.
 - b. **Heat-Up**—To selected temperature.
 - c. **Exposure**—Selected chamber temperature is attained and timed.
 - d. **Exhaust**—Chamber vented to atmospheric pressure.
 - e. **Dry**—Filtered air is drawn through chamber for the duration of time selected. (Either Gravity or Vacuum Dry is selectable; Vacuum Dry is recommended.)
 - f. **Cycle Complete**—Signaled by a tone, display message and light.
- **Prevacuum/Wrapped Goods (Vacuum/pressure pulsing conditioning)**
 - a. **Conditioning**—Steam flows into the chamber for a timed period, followed by a series of pressure/vacuum pulses to remove chamber air.
 - b. **Heat-Up**—To selected temperature.
 - c. **Exposure**—Selected chamber temperature is attained and timed.
 - d. **Exhaust**—Chamber vented to below atmospheric pressure.
 - e. **Dry**—A vacuum is created for the duration of the time selected. Filtered air is admitted at the end of the drying time, chamber to atmospheric pressure.
 - f. **Cycle Complete**—Signaled by a tone, light and display message.
- **Prevacuum/Unwrapped Goods (Vacuum/pressure pulsing conditioning)**
 - a. **Conditioning**—Steam flows into the chamber for a timed period, followed by a series of pressure/vacuum pulses to remove chamber air.
 - b. **Heat-Up**—To selected temperature.
 - c. **Exposure**—Selected chamber temperature is attained and timed.
 - d. **Exhaust**—Chamber vented to below atmospheric pressure.
 - e. **Dry**—Typically, not required for the unwrapped vacuum cycle.
 - f. **Cycle Complete**—Signaled by a tone, light and display

message.

- **Gravity/Unwrapped Goods (3 minutes for nonporous items or 10 minutes for porous items)**
 - a. **Conditioning**—Steam flows into chamber for a timed period to remove air. The 10-minute Flash cycle for porous items has a series of positive pulses for dynamic air removal.
 - b. **Heat-Up**—To selected temperature.
 - c. **Exposure**—Selected chamber temperature is attained and timed.
 - d. **Exhaust**—Chamber vented to atmospheric pressure.
 - e. **Dry**—filtered air is drawn through chamber for the duration of time selected.
 - f. **Cycle Complete**—Signaled by a tone, light and display message.
- **Liquids**
 - a. **Conditioning**—Steam flows into chamber for a timed period to remove air.
 - b. **Heat-Up**—To selected temperature.
 - c. **Exposure**—Selected chamber temperature is attained and timed.
 - d. **Exhaust**—An adjustable linear exhaust.
 - e. **Cycle Complete**—Signaled by a tone, light and display message signals.

CONSTRUCTION

The chamber is constructed of an inner shell reinforced by a series of “U” channels that form the outer jacket of the chamber. The gasket ring and backhead (on single door models) are formed and welded to the chamber body. Chamber, door, and jacket material is constructed of 316L stainless steel. The interior chamber finish is polished to a high luster finish. All pressure vessel construction meets ASME code requirements for working pressures up to 45 psig (310 kPa). The gasket ring holds a continuous, one-piece silicone gasket, 0.63” (16 mm) in diameter. The body assembly is thermally insulated with 1.5” fiberglass insulation that is double thickness between the jacket “U” channels.

A steam baffle is provided to prevent condensation from wetting the load. An extra threaded opening permits passage of thermocouple leads to monitor interior and load temperatures. Steam connection to the chamber and jacket is 316L stainless steel material. A manual gasket retract valve is provided for emergency chamber access. When rack and shelves are supplied, shelf adjustments will be approximately every 2.5” (63.5 mm). Individual rack supports and shelves are easy to remove for cleaning.

VERTI-GLIDE DOOR

The vertical sliding door is counterbalanced for ease of operation. When open, it is totally out of the way, allowing safe and complete access to the chamber. Opening or closing the manual door requires only gentle upward or downward hand pressure. The optional Power Door is operated by a foot switch, and the door will stop automatically if an obstruction is encountered. If the foot switch is actuated while the door is opening or closing, the direction will be reversed. The Power Door can be opened or closed manually.

At the beginning of the cycle, steam pressure behind the gasket automatically seals the door and retracts automatically at the end of the cycle. Sealing is positive and consistent. The gasket is recessed for added protection and long life. Once the cycle begins and the chamber is pressurized, the door cannot be opened. A safety switch prevents steam from entering the chamber when the door is not in the sealed position. The door is insulated with fiberglass insulation and covered with a stainless steel panel.

PANELING

The front paneling is constructed of nominal 0.050” (1.27 mm) 300 series #3 brushed finish stainless steel that is hinged for easy access to components, the manual gasket retract valve and, if specified, the electric steam boiler. The trim panels are built-in to fit within a recessed wall or optional cabinet. When specified, the cabinet model will be made of the same material.

OPTIONAL STEAM BOILER

The carbon steel or 304L stainless steel steam boiler will have a 30 kW capacity at standard voltages, and include an automatic fill valve to ensure the correct water level at all times. The sterilizer control on/off switch controls the boiler control power (115V). The steam boiler is automatically controlled to generate and maintain a supply of steam to the sterilizer at minimum of 40 psig (3.72 bar). An automatic feedwater pump is provided as standard.

STEAM BOILER CONTROLS AND FEATURES

The integral steam boiler heating system includes:

1. On-off selector switch with power light. Control power will be removed from the steam boiler when “control off” is selected.
2. An adjustable pressure control.
3. Adjustable over-pressure cutoff.
4. Automatic fill valve to maintain the correct water levels at all times.
5. An ASME, UV rated 100-psi pressure relief valve.
6. Magnetic contactors for heater circuit, visible water level gauge, safety relief valve and manual drain blowdown valve.
7. A high-water cutoff safety feature prevents water from entering the sterilizer.
8. Full-size, stainless steel drip pan with leak detection and automatic system shutdown.
9. During the blowdown function for either manual or automatic operation, hot condensate flows through the lower piping condenser and is condensed by cold water.

OPTIONS

1. Low water kit to meet ASME CSD-1 requirements per local jurisdictions.
2. An automatic blowdown that incorporates a motorized ball (shutoff) valve that automatically uses steam pressure to minimize mineral accumulation in the steam boiler. The seven-day timer allows the user to select a time each day to schedule the blowdown function.

OPTIONAL WATER SAVER PACKAGE

The Water Saver package is intended for use on Getinge health-care or scientific mechanical air-removal and gravity displacement steam sterilizers. Water consumption can be reduced significantly when used during prevac cycles that process wrapped or unwrapped goods with dry times of 30 minutes or more.

Designed to store and supply the vacuum ejector with recirculating tempered water thus reducing the amount of water discharged to drain. The water in the tank is tempered using building supplied cold water. An electric Water-Chiller is an additional option that will cool the recirculating vacuum ejector water without relying on the temperature of the building supplied cold water. Depending on the load type, the cycle parameters, dry time of 30-60 minutes, savings of up to 90% can be realized when also using the Water-Chiller.

Other Features and Benefits:

1. Compact 4.5 gallon (17L) recirculating tank system measures 63-1/2"H (1613mm) x 19"L (482.6mm) x 10"D (254mm) including the electric Water-Chiller
 - Can be installed anywhere on the floor or a wall within 15 feet (3 meters) of the sterilizer
2. Controls interface package is provided for each model of sterilizer
 - Fully integrates the Water Saver with the sterilizer controls to assure that sterilizer operations are unaffected
3. Water Saver with Water-Chiller consistently delivers cool tempered water to the vacuum ejector.
 - Improved vacuum conditions can improve cycle performance and reduce cycle times.
4. Closed loop chilled water coil is an optional feature in lieu of the electric Water-Chiller.
 - Reduces cost by utilizing building chilled water supply.

GREEN FACTORS

The vacuum ejector design with the Water Saver options can reduce water consumption 80% or greater depending on load and cycle conditions. The vacuum pump design will consume 80 - 90% less water during cycle when compared to the vacuum ejector design.

Prevac cycles with the vacuum pump design are more efficient, capable of reducing overall cycle time by up to 10% and steam consumption by approximately 5%.

25 pound (11.3 Kg) tray allowance increases validated loads from 32 Lbs. to 50 Lbs. (14.5 Kg to 22.7 Kg) in the 400 Series and from 48 Lbs. to 75 Lbs. (21.8 Kg to 34 Kg) in the 500 Series – per cycle, with reduced utility consumptions per load.

A screen saver extends the life of the backlit LCD and saves energy. Touching any key illuminates and reactivates the display.

The temperature of the discharge water is controlled by a temperature device to be less than 140°F (60°C). This switch also conserves water by cooling the drain effluent only when it is needed.

The supervisor can select a Utilities Control feature, which provides a seven-day timer for programmed startup and shut-down of the sterilizer. The Utilities Control System shuts OFF water and steam to the sterilizer to conserve energy (including the integrated steam boiler). Cycles running beyond the pro-programmed shutoff time will be completed.

ENVIRONMENTAL IMPACT

Getinge steam sterilizers are designed and constructed with our environment in mind. To aid in the conservation of natural resources, and in recognition of prevailing Environmental Policies, in particular ISO 14001, Getinge steam sterilizers are more than 90% (by weight) recyclable.

Under normal operation, Getinge steam sterilizers produce no harmful byproducts. The Getinge steam sterilization process, in and of itself, produces nothing more dangerous than hot drain water.

WARRANTY

Getinge USA, Inc. warrants that each sterilizer is carefully tested and inspected, and leaves the factory in proper working condition - free from visible defects. Sterilizers are warranted for one year from the start of the warranty, including parts and labor (excluding expendable parts). See warranty pamphlet for complete details.

500 SERIES FIXED HEIGHT TRANSFER TROLLEY

Item No.	Wt.	Size	Max Load
564710471	62 Lbs. 28 kg	42 x 23.4 x 55.7 inch 1067 x 595 x 1415 mm	440 Lbs 130 kg



DOCUMENTATION DRAWINGS

Number	Description
HS4083	400/500 Arrangement Drawing, Brass Piping, Vacuum Ejector
HS4133	400/500 Arrangement Drawing, Stainless Piping, Vacuum Ejector or Vacuum Pump
PI0038	400/500 Piping & Instrumentation Diagram with Vacuum Ejector (Brass)
PI0057	400/500 Piping & Instrumentation Diagram with Vacuum Ejector (Stainless)
PI0058	400/500 Piping & Instrumentation Diagram with Vacuum Pump
OPA-0417-07	400 Series Seismic Anchorage
OPA-1144-07	500 Series Seismic Anchorage
HS3472	MP129 Water-Saver Arrangement Drawing
HS4134	Electric Water-Chiller Drawing

4

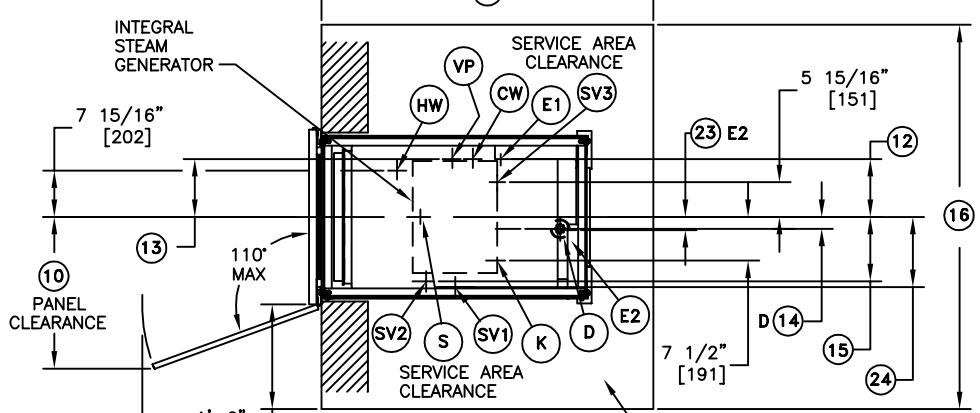
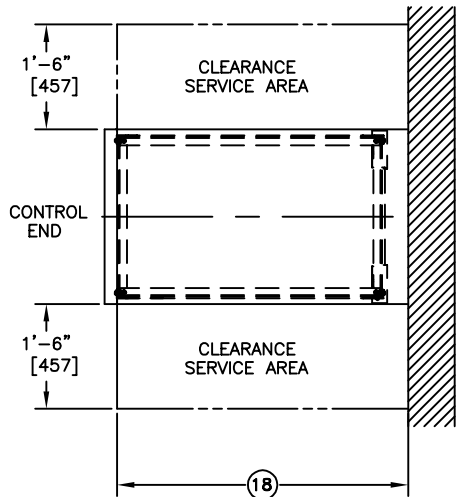
3

2

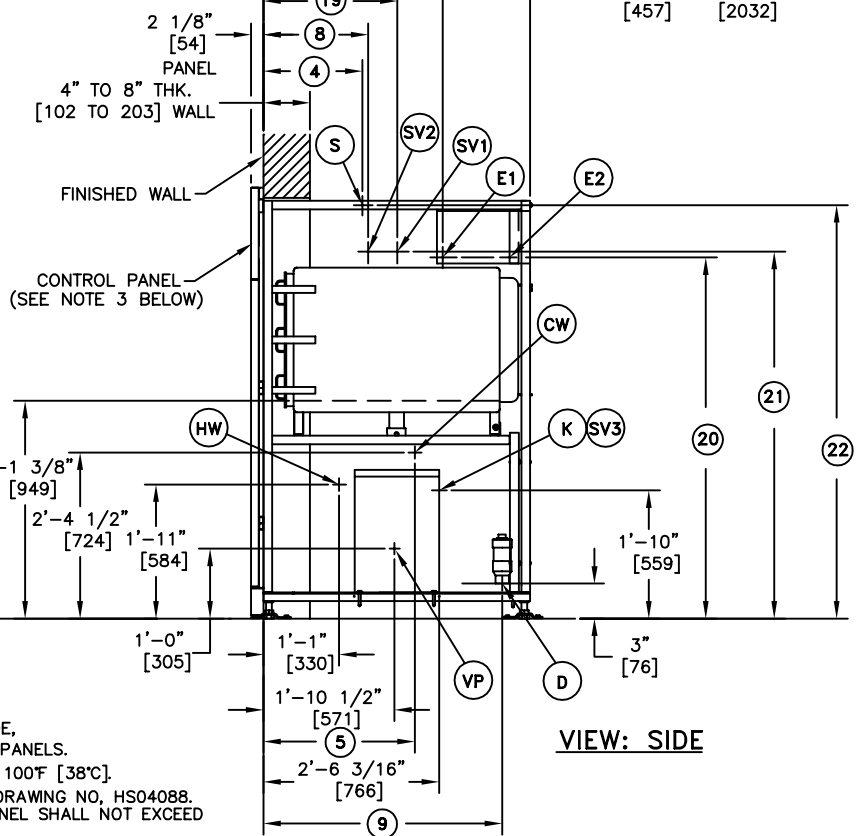
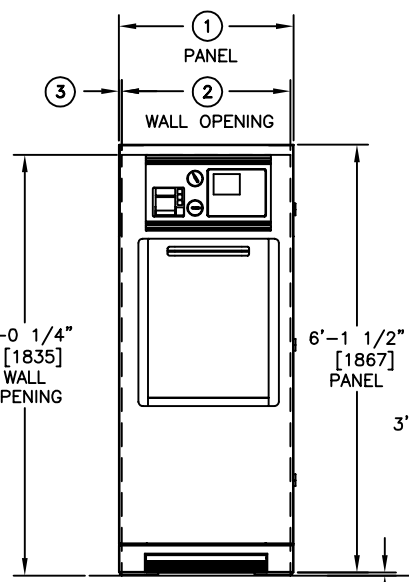
1

DRAWING/PART NO.
HS4083

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF GETINGE USA, INC. AND IS SUBJECT TO BEING RETURNED UPON REQUEST. IT SHALL NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT WRITTEN PERMISSION OF GETINGE USA, INC. ANY AUTHORIZED REPRODUCTION MUST BEAR THIS ENTIRE LEGEND.



ACCESS TO THESE SERVICE AREA (BOTH SIDES) TO BE SUPPLIED BY CUSTOMER. ACCESS DOOR MUST NOT BE LESS THAN 1'-6" W x 6'-8" H [457] [2032]



- NOTES:
- IF TWO OR MORE STERILIZERS ARE INSTALLED SIDE BY SIDE, ALLOW 1'-6" [457] CLEARANCE BETWEEN SIDES OF FACE PANELS.
 - ROOM TEMPERATURE OF A RECESS AREA NOT TO EXCEED 100°F [38°C].
 - TO INSTALL A REMOTELY LOCATED CONTROL PANEL, SEE DRAWING NO, HS04088. CABLE LENGTH FROM STERILIZER TO REMOTE CONTROL PANEL SHALL NOT EXCEED 32 FEET [9754].

INCHES
0 1 2 3
SCALE: 1 = 1
CHECK FOR REDUCTION

UNIT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
400	2'-2 1/4" (711)	2'-1" (635)	5/8" (16)	1'-9 1/2" (546)	1'-10" (559)	1'-7" (483)	2'-10" (863)	1'-5" (432)	2'-8" (813)	2'-0" (610)	2'-4" (711)	8" (203)	8" (203)	7" (178)	6" (152)	5'-0" (1524)	3'-9" (1143)	3'-2" (965)	1'-10" (559)	5'-3" (1600)	5'-2" (1575)	5'-7" (1702)
500	2'-6" (762)	2'-5" (737)	1/2" (13)	1'-5" (432)	2'-0" (610)	2'-7" (787)	3'-10" (1168)	1'-6" (457)	3'-5" (1041)	2'-2" (660)	2'-6" (762)	10" (254)	10" (254)	9" (229)	7" (178)	5'-6" (1676)	4'-9" (1448)	4'-2" (1270)	1'-11" (584)	5'-2" (1575)	5'-3" (1600)	5'-11" (1803)

UNIT	23	24
400	3" (76)	8" (203)
500	5" (127)	9" (229)

UNIT SIZE	HEAT LOSSES BTU/HR (KCal/HR)				
	CONTROL AREA	RECESS AREA		CABINET MODEL	
		W/O STM GEN	WITH STM GEN	W/O STM GEN	WITH STM GEN
400	1111 (280)	2583 (651)	4631 (1167)	3694 (931)	5742 (1447)
500	1534 (387)	4296 (1083)	6343 (1598)	5830 (1469)	7877 (1985)

DIMENSIONS ARE FEET-INCHES (MILLIMETERS). ALL DIMENSIONS GIVEN ARE FROM FINISHED SURFACES.

TITLE ITEM NO. _____ ROOM NO. _____

400/500 SERIES ROUGHING-IN DRAWING, STEAM STERILIZER, SINGLE DOOR

R	122250	TL	8/10/06
P	122218	TL	5/4/06
N	122178	TL	2/8/06
M	122095	RR	10/07/05
L	121577	TL	5/27/04
K	121475	TL	12/18/03
LTR	ECO NO.	BY	DATE

SERVICE CF 12/19/01 MARKETING TKM 12/19/01 ENGRG AP 12/19/01 CHECK RER 12/19/01 DRAWN BY TL 4/9/01 SCALE NTS

THIS DRAWING WAS MADE USING AUTOCAD SOFTWARE. CHANGES SHOULD BE MADE TO THE DATABASE AND NOT TO THIS TRACING. THE FILENAME IS: HS4083R THIS PLOT MADE: 8/10/06

Getinge USA, Inc.
1777 East Henrietta Road
Rochester, NY 14623-3133

SIZE C SHEET 1 OF 7

PART NO. HS4083 REV R

4

3

2

1

4

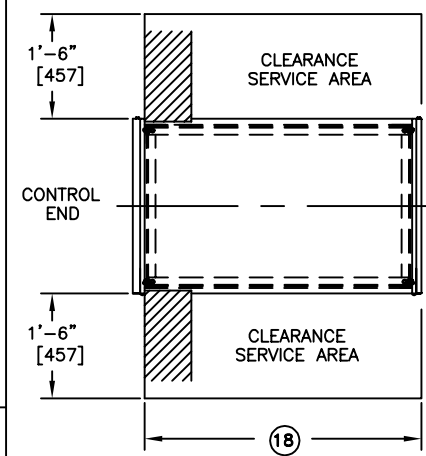
3

2

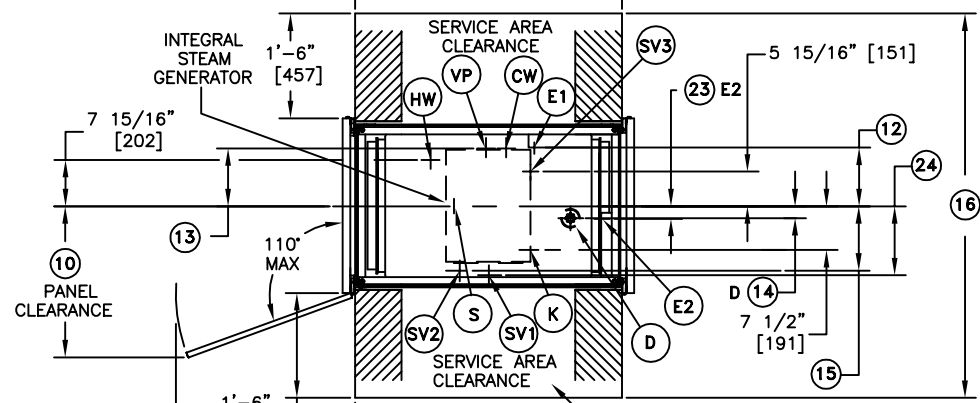
1

DRAWING/PART NO.
HS4083

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF GETINGE USA, INC. AND IS SUBJECT TO BEING RETURNED UPON REQUEST. IT SHALL NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT WRITTEN PERMISSION OF GETINGE USA, INC. ANY AUTHORIZED REPRODUCTION MUST BEAR THIS ENTIRE LEGEND.

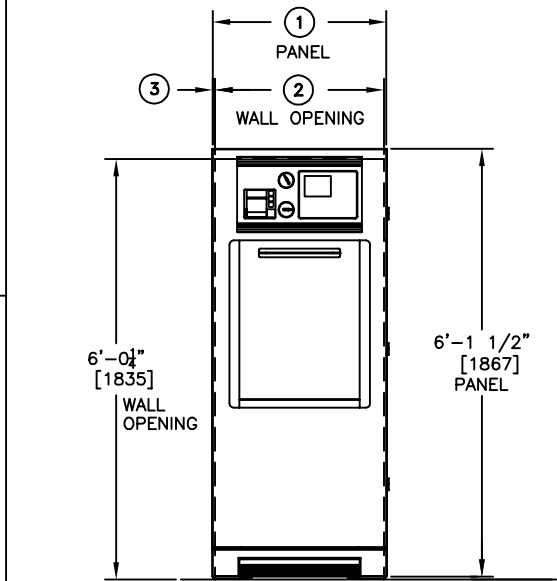


VIEW: PLAN
(RECESSED MOUNTED CONTROL END OR REMOTE END, CABINET OPPOSITE END)

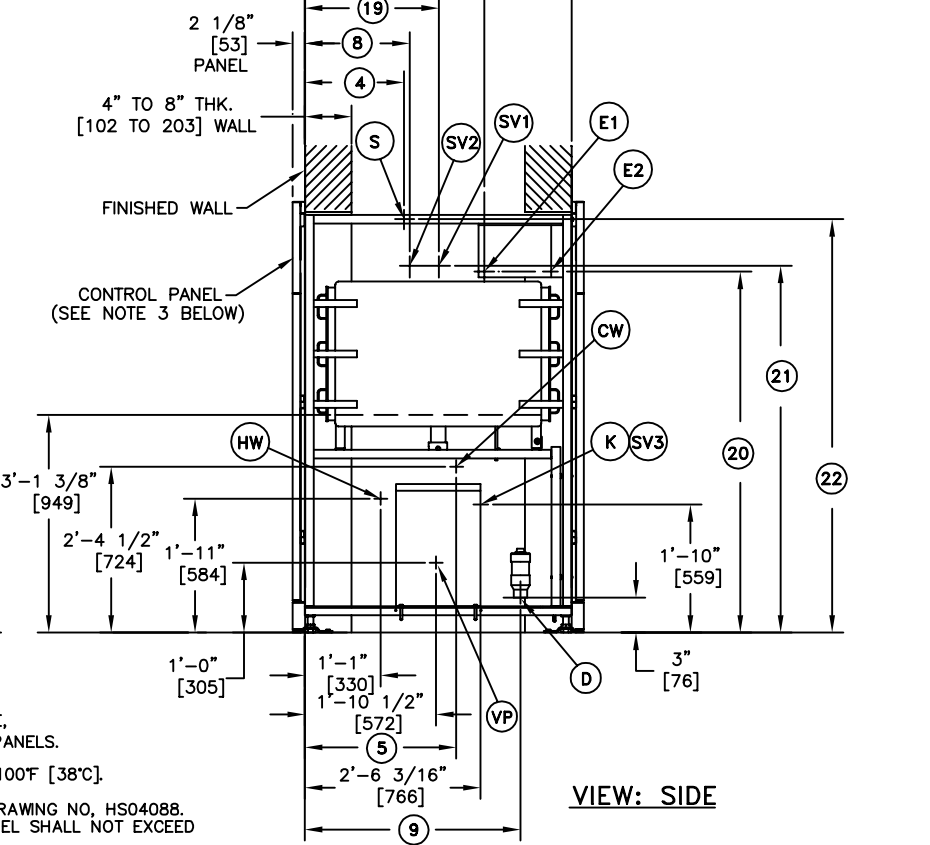


VIEW: PLAN
(RECESSED)
(SEE NOTES 1 & 2 BELOW)

ACCESS TO THESE SERVICE AREA (BOTH SIDES) TO BE SUPPLIED BY CUSTOMER. ACCESS DOOR MUST NOT BE LESS THAN 1'-6" WIDE BY 6'-8" HIGH. [2032]



VIEW: FRONT



VIEW: SIDE

- NOTES:
- 1) IF TWO OR MORE STERILIZERS ARE INSTALLED SIDE BY SIDE, ALLOW 1'-6" [457] CLEARANCE BETWEEN SIDES OF FACE PANELS.
 - 2) ROOM TEMPERATURE OF A RECESS AREA NOT TO EXCEED 100°F [38°C].
 - 3) TO INSTALL A REMOTELY LOCATED CONTROL PANEL, SEE DRAWING NO. HS04088. CABLE LENGTH FROM STERILIZER TO REMOTE CONTROL PANEL SHALL NOT EXCEED 32 FEET [9754].

INCHES
0 1 2 3
SCALE: 1 = 1
CHECK FOR REDUCTION

UNIT	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮	⑯	⑰	⑱	⑲	⑳	㉑
400	2'-2 1/4" (711)	2'-1" (635)	5/8" (16)	1'-9 1/2" (546)	1'-10" (559)	1'-7" (483)	2'-10" (863)	1'-5" (432)	2'-7" (787)	2'-0" (610)	2'-4" (711)	8" (203)	8" (203)	7" (178)	6" (152)	5'-0" (1524)	2'-10" (863)	3'-0" (914)	1'-10" (559)	5'-3" (1600)	5'-2" (1575)
500	2'-6" (762)	2'-5" (737)	1/2" (13)	1'-5" (432)	2'-0" (610)	2'-7" (787)	3'-10" (1168)	1'-6" (457)	3'-1" (940)	2'-2" (660)	2'-6" (762)	10" (254)	10" (254)	9" (229)	7" (178)	5'-6" (1676)	3'-10" (1168)	4'-0" (1219)	1'-11" (584)	5'-2" (1575)	5'-3" (1600)

UNIT	⑳	㉑	⑳	HEAT LOSSES BTU/HR (Kcal/HR)					
				UNIT SIZE	CONTROL AREA	RECESS AREA		CABINET MODEL	
						W/O STM GEN	WITH STM GEN	W/O STM GEN	WITH STM GEN
400	5'-7" (1702)	3" (76)	8" (203)	1111 (280)	2583 (651)	4631 (1167)	3694 (931)	5742 (1447)	
500	5'-11" (1803)	5" (127)	9" (229)	1534 (387)	4296 (1083)	6343 (1598)	5830 (1469)	7877 (1985)	

DIMENSIONS ARE FEET-INCHES (MILLIMETERS). ALL DIMENSIONS GIVEN ARE FROM FINISHED SURFACES.

ITEM NO. _____ ROOM NO. _____

400/500 SERIES ROUGHING-IN DRAWING, STEAM STERILIZER, DOUBLE DOOR

SEE SHEET 1	SERVICE CF 12/19/01	MARKETING TKM 12/19/01	ENGRG AP 12/19/01	CHECK RER 12/19/01	DRAWN BY TL 4/19/01	SCALE NTS
THIS DRAWING WAS MADE USING AUTOCAD SOFTWARE. CHANGES SHOULD BE MADE TO THE DATABASE AND NOT TO THIS TRACING. THE FILENAME IS: HS4083R THIS PLOT MADE: 8/10/06				Getinge USA, Inc. 1777 East Henrietta Road Rochester, NY 14623-3133		SIZE C SHEET 2 OF 7
PART NO. HS4083					REV R	

4

3

2

1

DRAWING/PART NO.
HS4083

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF GETINGE USA, INC. AND IS SUBJECT TO BEING RETURNED UPON REQUEST. IT SHALL NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT WRITTEN PERMISSION OF GETINGE USA, INC. ANY AUTHORIZED REPRODUCTION MUST BEAR THIS ENTIRE LEGEND.

NOTICE: Work by others

Safe and efficient operation of this product is dependent upon the owner/user providing the services specified herein as well as any other normally accepted electrical, mechanical or plumbing interface between user's supply and this product. Getinge USA will not assume responsibility for problems that result from non-compliance with the above conditions. The following conditions and services are required by Getinge USA equipment and are to be provided by others.

TABLE A: PLUMBING CONNECTIONS & UTILITIES
(Refer to notes 1-6 on sheet 4)

ON UNIT CONNECTION	PIPE SIZE TO UNIT	PRESSURE RANGE DYNAMIC AT UNIT	FLOW RATE MAX
S= Steam 3/4" (19) NPT female see note 4	3/4"(19) NPT	40-50 psig (2.8-3.5 kg/cm2)	96 lbs./Hr (44 kg/Hr)
CW= Cold water 3/4" (19) NPT female see note 1	3/4"(19) NPT	30-60 psig (2.1-4.2 kg/cm2)	6 gpm (1.4 m3/Hr)
D= Drain 1 1/2" (38) ODT	See note 3	Not applicable	See note 3
HW= Hot water 3/8" (10) NPT female see note 2	1/2"(13) NPT	20-50 psig (min.) (1.4-3.5 kg/cm2)	0.4 gpm (.09 m3/Hr)
SV1 (Chamber) SV2(Jacket) = Sterilizer vessel pressure relief valve vent 3/4" (19) NPT female	See note 5	Not applicable	See note 5
SV3=Steam Boiler pressure relief valve vent 1" (25) NPT female	See note 5	Not applicable	See note 5
AS= Compressed Air dry, filtered, oil-less (BSF/CCB only) (see sheets 5&6)	1/4" (7) NPT	70-100 psig dynamic (4.9-7.0 kg/cm2)	1 SCFM

TABLE B: ELECTRICAL CONNECTIONS & UTILITIES
(Refer to note 7 on sheet 4)

SERVICE	CONDUIT SIZE	UTILITY NOMINAL VOLTAGE	UTILITY VOLTAGE RANGE	MAX. CURRENT NOMINAL VOLTAGE	Breaker/Fusing Recommended	Consumption
E1= Power Box	1/2" (13)	115V, 50/60 Hz, 1~		12 A	15 A	250 W/Hr
OPTIONAL - connections required for optional equipment listed below						
E2= Integral Transformer Box	1/2" (13)	230V, 50/60Hz, 1~		5 A	15 A	N/A
K= Electric 4 WIRE WITH GROUND (for units with Integral Steam Boiler, not available on 400 Double Door)	1 1/4" (32)	208V, 50/60Hz, 3~	188 - 216V	84 A	100 A	N/A
	1" (25)	240V, 50/60Hz, 3~	217 - 250V	73 A	100 A	
	1" (25)	380V, 50Hz, 3~	374 - 432V	46 A	60 A	
	1" (25)	415V, 50Hz, 3~	374 - 432V	42 A	60 A	
	3/4" (19)	480V, 60Hz, 3~	432 - 500V	36 A	50 A	
VP= vacuum pump motor (2HP) junction box. 4 WIRE WITH GROUND (Model 533LS only, w/o steam boiler)	1/2" (13)	208V, 60Hz, 3~		5.7 A	10 A	N/A
		230V, 60Hz, 3~		5.4 A		
		380V, 50Hz, 3~		2.8 A		
		460V, 60Hz, 3~		2.7 A		

TITLE
400/500 SERIES ROUGHING-IN DRAWING

SERVICE CF 12/19/01	MARKETING TKM 12/19/01	ENGRGAP 12/19/01	CHECK RER 12/19/01	DRAWN BY DL 12/05/01	SCALE NTS
THIS DRAWING WAS MADE USING AUTOCAD SOFTWARE. CHANGES SHOULD BE MADE TO THE DATABASE AND NOT TO THIS TRACING.			GETINGE USA, Inc. 1777 East Henrietta Road Rochester, NY 14623-3133		SIZE C SHEET 3 OF 7
THE FILENAME IS: HS4083R THIS PLOT MADE: 8/10/06			PART NO. HS4083		REV R

INCHES
0 1 2 3
SCALE: 1 = 1 CHECK FOR REDUCTION

SEE SHEET 1
LTR ECO NO. BY DATE
REVISIONS

DRAWING/PART NO.
HS4083

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF GETINGE USA, INC. AND IS SUBJECT TO BEING RETURNED UPON REQUEST. IT SHALL NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT WRITTEN PERMISSION OF GETINGE USA, INC. ANY AUTHORIZED REPRODUCTION MUST BEAR THIS ENTIRE LEGEND.

NOTES TO ARCHITECTS & CONTRACTORS

- 1) Cold water:
 - a) Cold water quality: Use potable water with a hardness of 0.5–10 grains/gal [8–170 ppm].
 - b) Back-syphonage protection is required by others. Check local plumbing code and install backflow preventer. (Examples: Vacuum breaker, dual-check or reduced pressure type).
 - c) An optional water booster pump is available:
 - * For installations where water pressure is at least 20 psig [1.4 kg/cm²] dynamic but less than 35 psig [2.8 kg/cm²].
 - * To achieve satisfactory performance with dense loads where dynamic pressure is at or below 35 psig [2.8 kg/cm²].
 - * if required backflow preventer lowers the water pressure below the minimum specified.
 - * The optional booster pump requires mechanical electrical and plumbing hook-up by customer. A separate electrical service to the water booster pump junction box is necessary. Contact your local Getinge USA representative for Utility Data
- 2) Hot water to be supplied only when integral steam boiler is selected.
 - a) Water quality information: For optimum results, the feed water supply should be tested prior to initial startup. If the mineral content exceeds the following recommended limits, various external treatment processes (water softener, RO, etc.) may be used to correct the problem. Routine manual blow-down or automatic blow-down option lowers concentrations of impurities and maintains the pH level above 7.0.
 - b) Feedwater quality:

HARDNESS	0.5–5.0 GRAINS/GALLON [8–85 PPM]
RESISTIVITY	NOT TO EXCEED 50 KOHMS/CM
TEMPERATURE	100°F – 150°F [38°C – 65°C]
TOTAL DISSOLVED SOLIDS	150 PPM MAX.
pH	6.8–7.5
- 3) It shall be the customer's responsibility to provide a proper drainage system in accordance with applicable local codes. Temperature of drain water will not exceed 140°F [60°C] under normal operating conditions. If cold water supply is cut-off, temperature may exceed 200°F [93°C].
- 4) It shall be the customer's responsibility to provide condensate free steam between 97% and 100% saturated vapor.
- 5) Getinge USA recommends piping all vessel pressure relief valves to a vented manifold outside the equipment service area. Caution must be exercised not to reduce the discharge capacity of the relief valve. Recommended piping practices for relief valve piping can be found in ASME Boiler and Pressure Vessel Code Section VIII, Div. 1, UG–135. Check local codes for special requirements.
- 6) All customer connections to sterilizer must be labeled. For safety, all shutoff valves must be reachable when standing on the floor at the equipment (i.e. water, steam, compressed air).
- 7) Electrical Supply
 - a) It shall be the customer's responsibility to complete all electrical connections in accordance with the National Electrical Code and all applicable local codes.
 - b) A dedicated, permanently connected electrical supply with conveniently accessible disconnect switch (supplied by customer) is required for each sterilizer service indicated in Table B. Where both single phase and 3 phase supply is required, two disconnect switches can be used, yet shall be properly labeled and located as close as possible to each other and the sterilizer. Refer to the Getinge USA Installation Manual for specific instructions.
 - c) For standard 115VAC units, 115VAC supply is required at "E1". For units with the optional 230V to 115V step-down transformer (integral with sterilizer), 230VAC supply is required at "E2" (and no connection at "E1").
 - d) For voltages other than 115V or 230V, a separate universal transformer is available to provide 115VAC to "E1" with input voltage configurable to 100, 200/208, 380/400/415, or 440/460/480. It shall be the customer's responsibility to install the universal transformer. Transformer box dimensions: 10"L x 7 1/4" W x 5 3/8" D [254 x 184 x137].
- 8) For 500LS units equipped with biological sealing flange or cross contamination barrier (optional), see this drawing sheet 5 & 6.
- 9) Double Door units, recessed into two walls, require partial dis-assembly of unit to allow installation into fixed walls.
- 10) Optional Wall Mounted Control Panel, see drawing no. HS 4088. Cable length to sterilizer not to exceed 32 feet [9754].

UNIT WEIGHTS AND CRATED MEASUREMENTS TABLE

UNIT SIZE	MAX. WEIGHT		CRATED MEASUREMENTS			UNIT SIZE	MAX. WEIGHT		CRATED MEASUREMENTS		
	CRATED	UNCRATED	LENGTH	WIDTH	HEIGHT		CRATED	UNCRATED	LENGTH	WIDTH	HEIGHT
400 SINGLE DOOR	965 LBS (438 Kg)	855 LBS (387 Kg)	53.50" (1359)	40.75" (1035)	79" (2007)	500 SINGLE DOOR	1223 LBS (554 Kg)	1103 LBS (500 Kg)	62.75" (1594)	43.75" (1111)	79" (2007)
400 DOUBLE DOOR	1020 LBS (462 Kg)	910 LBS (412 Kg)				500 DOUBLE DOOR	1298 LBS (588 Kg)	1178 LBS (534 Kg)			

FOR INTEGRAL STEAM BOILER ADD 204LBS (93Kg) TO MAX WEIGHT.

TITLE
400/500 SERIES ROUGHING-IN DRAWING

SERVICE CF 12/19/01	MARKETING TKM 12/19/01	ENGRGAP 12/19/01	CHECK RER 12/19/01	DRAWN BY DL 12/18/01	SCALE NTS
THIS DRAWING WAS MADE USING AUTOCAD SOFTWARE. CHANGES SHOULD BE MADE TO THE DATABASE AND NOT TO THIS TRACING. THE FILENAME IS: HS4083R THIS PLOT MADE: 8/10/06			GETINGE USA, Inc. 1777 East Henrietta Road Rochester, NY 14623-3133		SIZE C SHEET 4 OF 7
				PART NO. HS4083	REV R



A

B

C

D

A

B

C

D

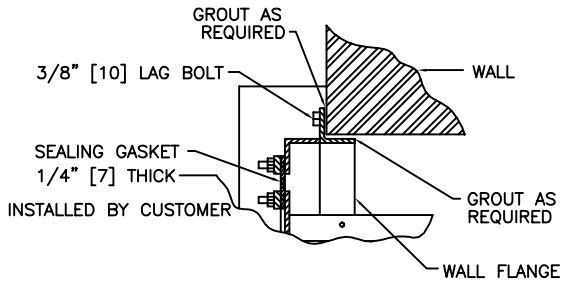
DRAWING/PART NO.
HS4083

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF GETINGE USA, INC. AND IS SUBJECT TO BEING RETURNED UPON REQUEST. IT SHALL NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT WRITTEN PERMISSION OF GETINGE USA, INC. ANY AUTHORIZED REPRODUCTION MUST BEAR THIS ENTIRE LEGEND.

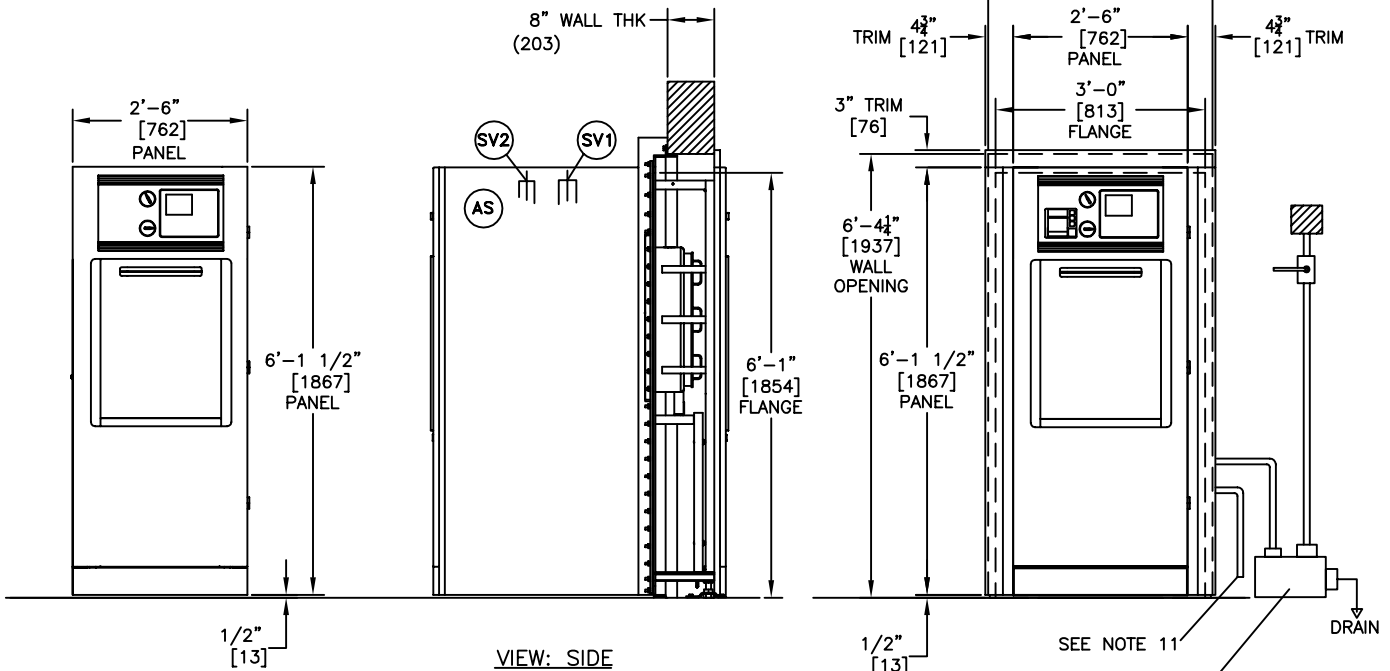
NOTES:

- 1) FOR SERVICE LOCATIONS, SPECIFICATIONS, AND ARCHITECT NOTES SEE SHEET 3 & 4. BIOLOGICAL FLANGE IS 500 SERIES ONLY.
- 2) FOR BIOLOGICAL FLANGE UNITS, CONTROLS ARE SWITCHED DEPENDING ON REQUESTED END FOR BIOLOGICAL FLANGE. IF (BFCE) IS REQUESTED, CONTROLS W/PRINTER ARE ON B/F END. IF (BFRE) IS REQUESTED, CONTROLS W/PRINTER ARE ON THE END OPPOSITE OF THE B/F. SERVICE LOCATIONS REMAIN THE SAME, AS INDICATED ON SHEET 2.
- 3) WALL FLANGE (SUPPLIED BY GETINGE) CAN BE SHIPPED AHEAD OF STERILIZER. WALL SHOULD BE BUILT BY CUSTOMER TO DIMENSIONS SPECIFIED FOR TIGHT FIT. SEE TYPICAL INSTALLATION.
- 4) SEE INSTALLATION INSTRUCTIONS P/N 61301608205 FOR MORE DETAIL.
- 5) DIMENSIONS ARE FEET-INCHES (MILLIMETERS).
- 6) FOR MOUNTING OF CABINET AND TRIM PACKAGE SEE GETINGE USA DRAWING P/N 61301608483 & 61301608562.
- 7) BIOLOGICAL FLANGE UNITS INCLUDE A UNIDIRECTIONAL DOOR SEAL AIR RETENTION TANK AS SHOWN.. SERVICE REQUIREMENTS FOR THE DOOR SEAL RETENTION SYSTEM ARE AS FOLLOWS:
 - (AS) — A DRY, FILTERED, OIL-LESS COMPRESSED AIR SUPPLY (70-100 PSIG DYNAMIC, USAGE <1SCFM) IS REQUIRED FOR THIS SYSTEM. CONNECTION IS 1/4" [7] NPT AT LOCATION INDICATED. A COMPRESSOR FOR THIS PURPOSE IS AVAILABLE FROM GETINGE (P/N 61301601462) AT EXTRA COST. AIR QUALITY WILL BE CLEAN, DRY INSTRUMENT QUALITY.
- 8) IF THE UNITS RECESSED AT THE END OPPOSITE THE BIOLOGICAL FLANGE, REFER TO SHEET 2 FOR DIMENSIONAL INFORMATION.
- 9) NOT USED
- 10) CHAMBER DRAIN PIPING WILL BE CONSIDERED TO BE CONTAMINATED AND A METHOD AND MEANS OF DECONTAMINATION FOR THIS PIPING HAS NOT BEEN PROVIDED FOR DISASSEMBLY/SERVICING.
- 11) 1/2" [13] OD TUBING (JACKET) CAN BE PIPING TO SANITARY SEWER.

INFORMATION ON THIS PAGE IS FOR 500 SERIES STEAM STERILIZER WITH BIOLOGICAL FLANGE (BSF) ONLY



TYPICAL INSTALLATION



VIEW: SIDE

INCHES
0 1 2 3
SCALE: 1" = 1' CHECK FOR REDUCTION

TITLE

500 SERIES ROUGHING-IN DRAWING, STEAM STERILIZER, BIOLOGICAL FLANGE

SERVICE SEE SHEET 1	MARKETING SEE SHEET 1	ENGRG SEE SHEET 1	CHECK SEE SHEET 1	DRAWN BY TDL 12/19/01	SCALE NTS
THIS DRAWING WAS MADE USING AUTOCAD SOFTWARE. CHANGES SHOULD BE MADE TO THE DATABASE AND NOT TO THIS TRACING. THE FILENAME IS: HS4083R THIS PLOT MADE: 8/10/06				GETINGE USA, Inc. 1777 East Henrietta Road Rochester, NY 14623-3133	SHEET 5 OF 7
SEE SHEET 1				PART NO. HS4083	REV R

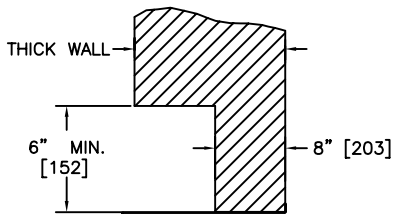
DRAWING/PART NO.
HS4083

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF GETINGE USA, INC. AND IS SUBJECT TO BEING RETURNED UPON REQUEST. IT SHALL NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT WRITTEN PERMISSION OF GETINGE USA, INC. ANY AUTHORIZED REPRODUCTION MUST BEAR THIS ENTIRE LEGEND.

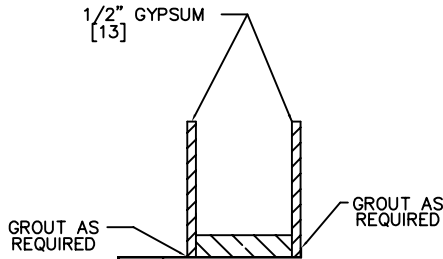
INFORMATION ON THIS PAGE IS FOR 500 SERIES
STEAM STERILIZER WITH CROSS-CONTAMINATION BARRIER (CCB) ONLY

NOTES:

- 1) FOR SERVICE LOCATIONS, SPECIFICATIONS AND ARCHITECT NOTES, SEE SHEET 3 & 4
 - 2) FOR CROSS-CONTAMINATION BARRIER (CCB) UNITS, CONTROLS ARE SWITCHED DEPENDING ON REQUESTED END FOR CCB. IF CCB-CE IS REQUIRED, CONTROLS WITH PRINTER ARE ON CCB END. IF CCB-RE IS REQUESTED, CONTROLS WITH PRINTER ARE ON THE END OPPOSITE THE CCB. SERVICE LOCATIONS REMAIN THE SAME, AS INDICATED ON SHEET 2 OF THIS DRAWING.
 - 3) SEAL ALL CRACKS AND HOLES WITH GROUT OR RTV AS REQUIRED.
 - 4) FOR MOUNTING OF TRIM PACKAGE, SEE GETINGE USA DRAWING P/N 61301608562.
 - 5) IF THE UNIT IS RECESSED AT THE END OPPOSITE THE CCB, REFER TO SHEET 2 FOR DIMENSIONAL INFORMATION.
 - 6) CROSS-CONTAMINATION BARRIER (CCB) UNITS INCLUDE A UNIDIRECTIONAL DOOR SEAL AIR RETENTION AS SHOWN. (EXCEPT NO AIR TANK IS PROVIDED)
- (AS) A DRY, FILTERED, OIL-LESS COMPRESSED AIR SUPPLY (70-100) PSIG DYNAMIC, USAGE <1SCFM) IS REQUIRED FOR THIS SYSTEM, CONNECTION IS 1/4" [7] NPT AT LOCATION INDICATED. A COMPRESSOR FOR THIS PURPOSE IS AVAILABLE FROM GETINGE (P/N 61301601462) AT EXTRA COST, AIR QUALITY WILL BE CLEAN, DRY INSTRUMENT QUALITY.

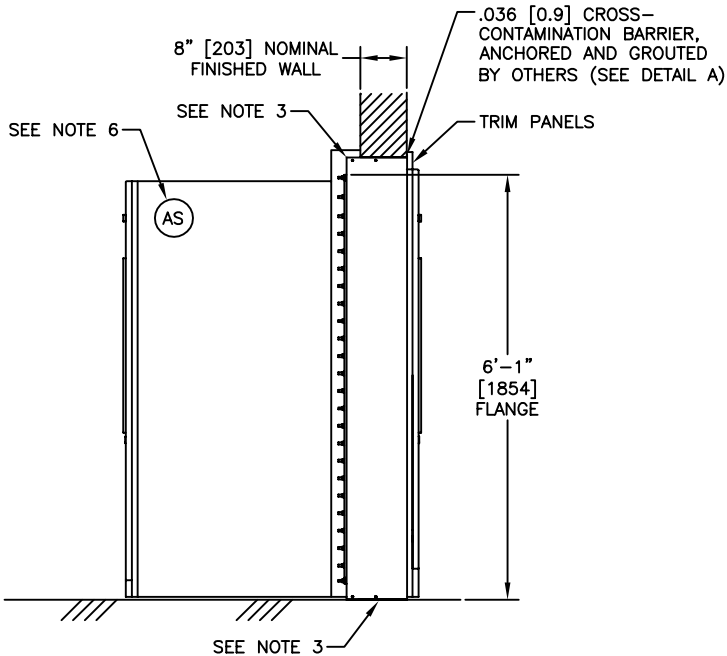


WHEN WALLS ARE GREATER THAN 8" THICK - INSTALL CCB AS SHOWN.

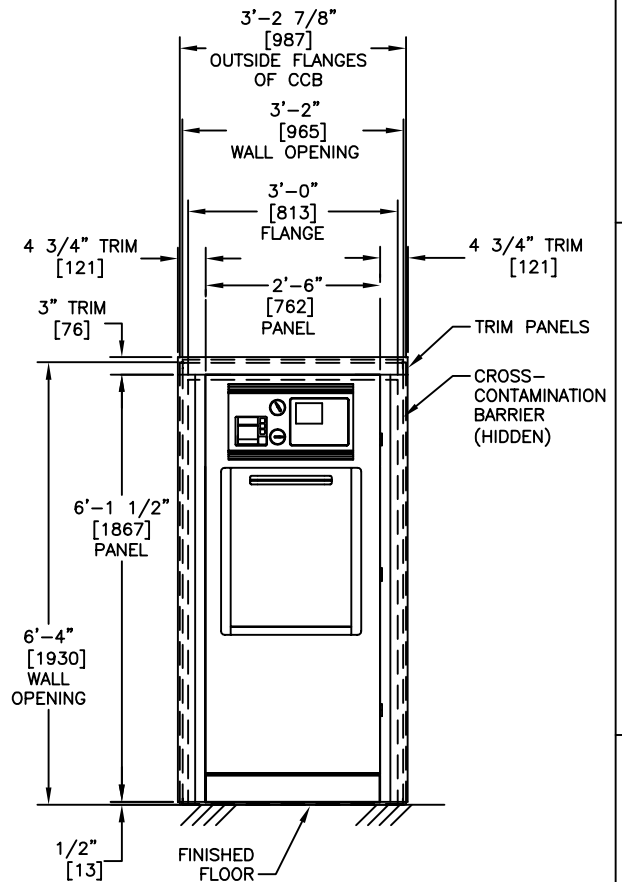


DETAIL A

.036 [0.9] CROSS-CONTAMINATION BARRIER



VIEW: SIDE
TYPICAL INSTALLATION



VIEW: RIGHT

TITLE

500 SERIES ROUGHING-IN DRAWING,
STEAM STERILIZER, CROSS-CONTAMINATION BARRIER

SERVICE SEE SHEET 1	MARKETING SEE SHEET 1	ENGRG SEE SHEET 1	CHECK SEE SHEET 1	DRAWN BY EEM1/29/02	SCALE NTS
THIS DRAWING WAS MADE USING AUTOCAD SOFTWARE. CHANGES SHOULD BE MADE TO THE DATABASE AND NOT TO THIS TRACING. THE FILENAME IS: HS4083R THIS PLOT MADE: 8/10/06				GETINGE USA, Inc. 1777 East Henrietta Road Rochester, NY 14623-3133	SIZE C SHEET 6 OF 7
				PART NO. HS4083	REV R

SEE SHEET 1

LTR	ECO NO.	BY	DATE

INCHES
0 1 2 3
SCALE: 1 = 1 CHECK FOR REDUCTION

4

3

2

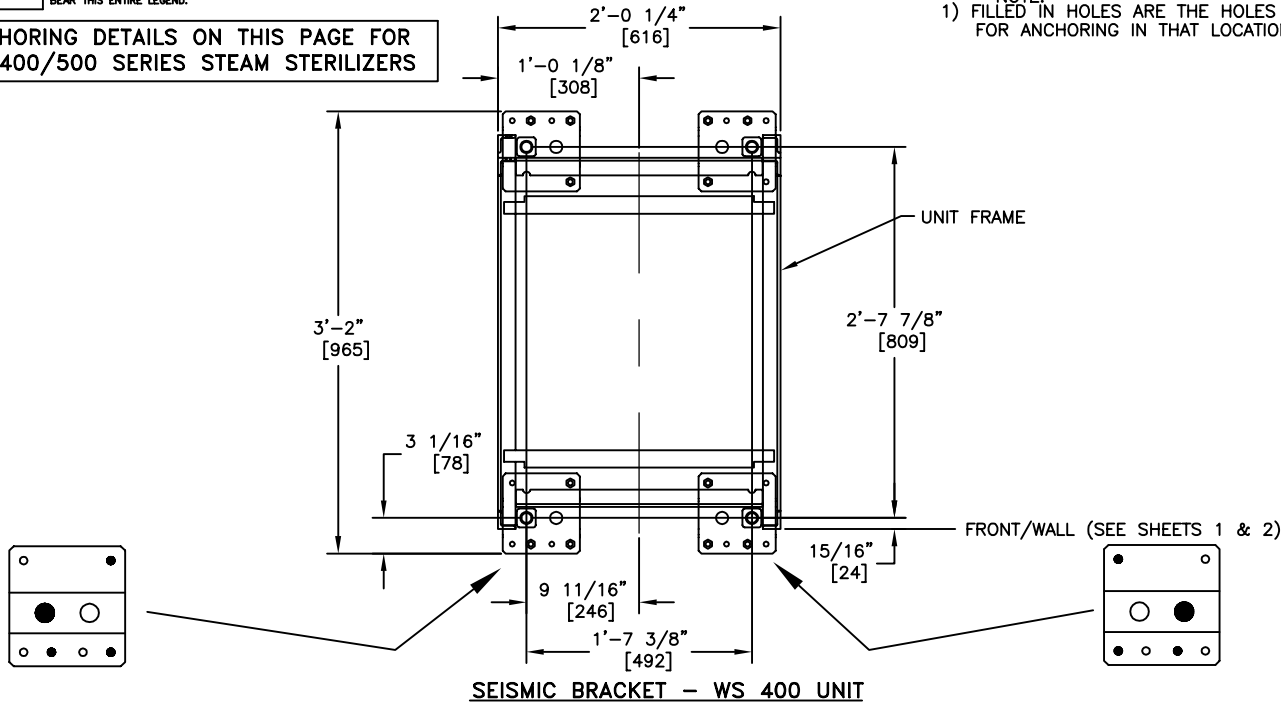
1

DRAWING/PART NO.
HS4083

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF GETINGE USA, INC. AND IS SUBJECT TO BEING RETURNED UPON REQUEST. IT SHALL NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT WRITTEN PERMISSION OF GETINGE USA, INC. ANY AUTHORIZED REPRODUCTION MUST BEAR THIS ENTIRE LEGEND.

NOTE:
1) FILLED IN HOLES ARE THE HOLES USED FOR ANCHORING IN THAT LOCATION.

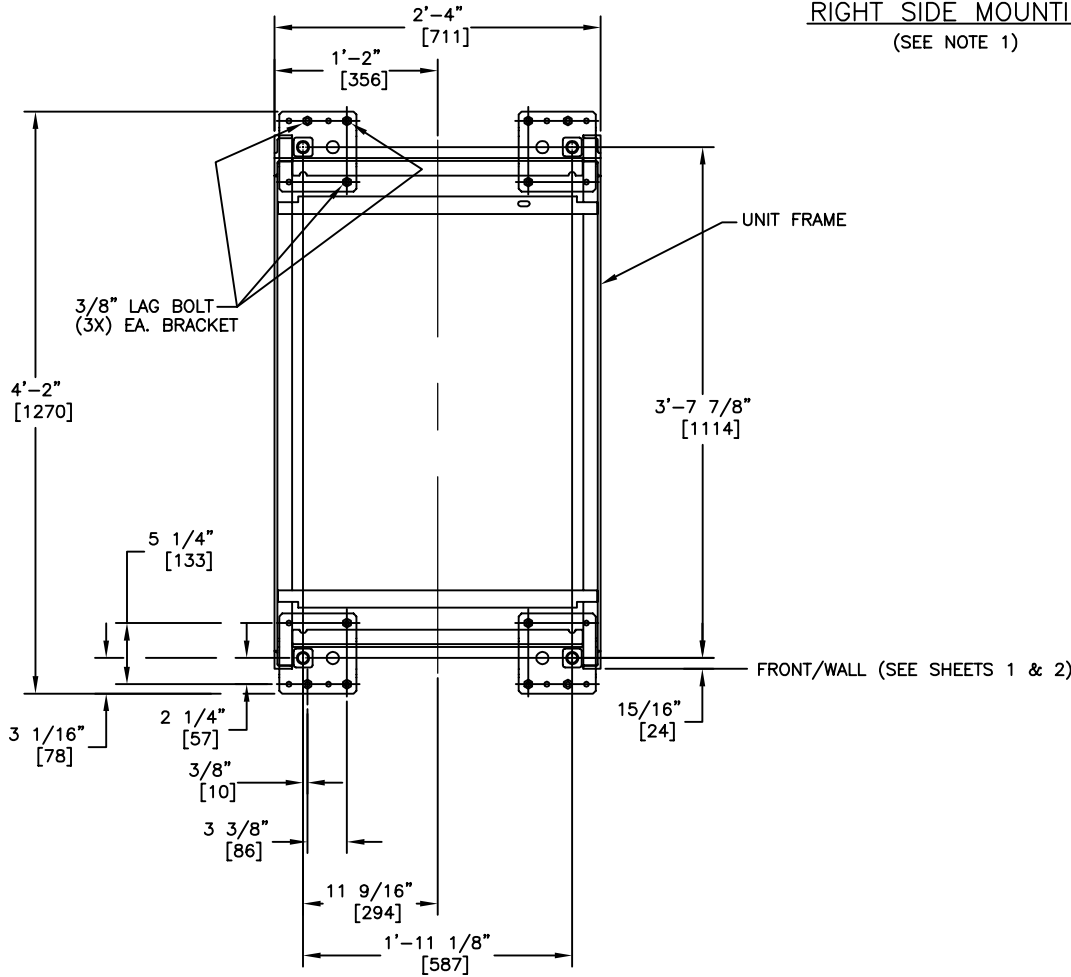
ANCHORING DETAILS ON THIS PAGE FOR ALL 400/500 SERIES STEAM STERILIZERS



SEISMIC BRACKET - WS 400 UNIT

LEFT SIDE MOUNTING
(SEE NOTE 1)

RIGHT SIDE MOUNTING
(SEE NOTE 1)



SEISMIC BRACKET - WS 500 UNIT

TITLE
400/500 SERIES ROUGHING-IN DRAWING,
ANCHORING DETAIL

SERVICE CF	12/20/01	MARKETING TKM	12/20/01	ENGRGAP	12/20/01	CHECK RER	12/20/01	DRAWN BY	TL	2/8/06	SCALE	NTS	
THIS DRAWING WAS MADE USING AUTOCAD SOFTWARE. CHANGES SHOULD BE MADE TO THE DATABASE AND NOT TO THIS TRACING. THE FILENAME IS: HS4083R THIS PLOT MADE: 8/10/06								GETINGE USA, Inc. 1777 East Henrietta Road Rochester, NY 14623-3133		SIZE	C	SHEET	7 OF 7
PART NO.										HS4083	REV	R	

SEE SHEET 1

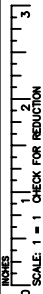
LTR	ECO NO.	BY	DATE

4

3

2

1



D

D

C

C

B

B

A

A



COMPLETE SOLUTIONS FOR INFECTION CONTROL

Getinge is the world's leading provider of solutions for effective cleaning, disinfection and sterilization in the healthcare and life science sectors. We are dedicated to helping our customers provide better care at a lower cost. We do this by offering well thought through and customized solutions. This means that we are with our customers all the way from architectural planning and education to traceability and support – with complete solutions, long-term commitment and global presence. Getinge – Always with you.

Getinge USA Inc.

1777 East Henrietta Road
Rochester, NY 14623
USA
Phone: 800.475.9040
Fax: 585.272.5033
info@getingeusa.com
www.getinge.com

Getinge Canada, Ltd.

1575 South Gateway Road
Unit C
Mississauga, Ontario
Canada L4W 5J1
Phone: 905.629.8777
Fax: 905.629.8875

GETINGE
GETINGE GROUP

www.getinge.com

GETINGE GROUP is a leading global provider of products and systems that contribute to quality enhancement and cost efficiency within healthcare and life sciences. We operate under the three brands of ArjoHuntleigh, GETINGE and MAQUET. **ArjoHuntleigh** focuses on patient mobility and wound management solutions. **GETINGE** provides solutions for infection control within healthcare and contamination prevention within life sciences. **MAQUET** specializes in solutions, therapies and products for surgical interventions and intensive care.

University of Kentucky



Pav A Basement / Phase 2 Specification Coversheet

Description: Cabinet, Storage, Clinical, Instrument
Manufacturer: Unspecified
Vendor: Unspecified
Model: Specialty Cabinets

Atta ID: DM634QW
Alt ID:
Mfr #:
Vendor #:
CAD ID: CST0000
Item ID:

General Product Detail

Arch Sig: Yes	Spatially Sig: No
Arch Code: 3-Movable, Non-Elect	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/O	Type: Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: 35.75 in (908 mm)	Left: N/A
Depth: 16.00 in (406 mm)	Right: N/A
Height: 79.25 in (2013 mm)	Front: N/A
Max Weight: 265 lbs (120.2 kg)	Back: N/A
Mounting: Floor	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Product and Project Item Notes

Structural Requirements

Seismic: Y	Pre-approval:
-------------------	----------------------

- Specification:
- Structural:
- Electrical:
- Plumbing:
- Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B403	Clean Work	Existing (Reuse)	Draft (Existing)	10	

Total: 10



MODELS 7970SS AND 7971SS (PAUL) INSTRUMENT AND SUPPLY CABINETS provide maximum storage on five polished glass or stainless steel shelves. Adjustment of shelves every 1/2". Sloping top prevents dust collection. Locking door latch secures contents. Three-inch swivel casters, two with brakes. Optional stainless steel doors, glides.

Model No.	Part No.	Width	Height	Depth	Shelves
7970SS	1537970000	35-5/8" (90.49)	79-1/4" (201.30)	16" (40.64)	5 glass
7970SS-1	1537970002	35-5/8" (90.49)	79-1/4" (201.30)	16" (40.64)	5 stainless
7971SS	1537971000	47-5/8"(120.97)	79-1/4" (201.30)	16" (40.64)	5 glass
7971SS-1	1537971002	47-5/8"(120.97)	79-1/4" (201.30)	16" (40.64)	5 stainless



MODELS 7959SS AND 7960SS (WALTER) CABINETS are for storing endoscopy equipment, large instruments or other equipment on its removable stainless pegboard. Sloping top prevents dust collection. Choose from solid stainless steel doors or glass doors (shown). Locking door latch secures contents. Mounted on four legs with stainless steel glides. Optional casters, built-in unit with recessing trim available.

Model No.	Part No.	Width	Height	Depth	Feature
7959SS	1537959000	35-5/8" (90.49)	76" (193.04) w/ glides 79-1/4" (201.30) w/ casters	16" (40.64)	pegboard
7960SS	1537960000	47-5/8"(120.97)	76" (193.04) w/ glides 79-1/4" (201.30) w/ casters	16" (40.64)	pegboard

MODELS 7970SS AND 7971SS AND MODELS 7959SS AND 7960SS CABINETS SPECIFICATIONS

MATERIALS - Stainless steel, Type 300 Series, nickel-bearing, 1/4" (0.64) clear tempered sheet glass.

GAUGES - Body, outer doorframes and sloping tops-18 gauge. Door inserts-20 gauge. Legs-12 gauge.

CONSTRUCTION - Cabinet consists of a storage compartment with a seamless welded face, doubled front edges and a sloping top. Cabinet is mounted on four offset type legs on casters, welded into the bottom corners, with counterweight fastened under the bottom rear for doors in open position. Two glass-paneled doors, of double shell design, fit the rabbeted frame of the cabinet and hinge on three semi-concealed stainless steel hinges each. Outer frame is one piece, die formed, to receive a rubber gasketed glass panel held in place by removable interior retaining strips. Right hand door is fitted with a locking handle and three point latching, and the left hand door with a dummy knob and spring loaded nylon roller catches. Cabinet interior consists of either five glass shelves, adjustable in 1/2" (1.27) increments on full-height, slotted-shelf stripping welded to the rear and side walls (Paul models only), or an 18-gauge, stainless-steel, full-height-and-width pegboard, fastened to three channels and welded to the inside back wall (Walter models only).

WELDING - Welding is accomplished by heli-arc method. All exposed welds ground smooth.

FINISH - Exposed surfaces are free from pit marks, weld seams and scale, and polished to a satin finish.

CASTERS - 3" (7.62) ball bearing swivel type.

OPTIONS - Glides, stainless steel shelves, solid doors, recessing flanges for built-in units.

ELECTRONIC LOCKING SYSTEMS

ELECTRONIC LOCKING SYSTEMS available on most Blickman cabinets. Consult factory for types of electronic locking systems and prices 800247-8070.

NOTE: Metric dimensions are shown in centimeters. Specifications may be improved and dimensions changed without prior notice. Weights may vary depending upon caster configurations.

University of Kentucky

Pav A Basement / Phase 2

Specification Coversheet



Description: Shelf, Wall Mount
Manufacturer: TBD
Vendor: Unspecified
Model: 60" Steel Shelf

Atta ID: DM797QV
Alt ID:
Mfr #:
Vendor #:
CAD ID: SHF0000
Item ID:

General Product Detail

Arch Sig: Yes	Spatially Sig: No
Arch Code: 1-Fixed	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/C	Type: Non-Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: 18.25 in (464 mm)	Left: N/A
Depth: 16.25 in (413 mm)	Right: N/A
Height: 7.75 in (197 mm)	Front: N/A
Max Weight: 7 lbs (3.2 kg)	Back: N/A
Mounting: Wall	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Product and Project Item Notes

Structural Requirements

Seismic: N	Pre-approval:
-------------------	----------------------

- Specification:
- Structural:
- Electrical:
- Plumbing:
- Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B400	Entry/PPE	Project	Draft (New)	1	

Total: 1



QUAM-NICHOLS

Wall Mount Equipment Shelf

Item # 2EUL1 Mfr. Model # AS 18 X 16 Catalog Page # N/A UNSPSC # 52161512



Product Details

For indoor use, this powder-coated equipment shelf has a 1/2" raised front lip, two hinged support arms, an X-frame reinforcement rib, and a maximum static load capacity of 40 lb.

Technical Specs

Item	Wall Mount Equipment Shelf	Overall Depth (In.)	16-3/16
For Use With	Stereo Equipment, Amplifiers, DVRs	Mounting	Wall Mount
Load Capacity (Lb.)	40	Color	Black
Overall Height (In.)	7-9/16	Finish	Steel
Overall Width (In.)	18-1/8	Includes	Two Support Arms
Shipping Weight	7 lbs		

University of Kentucky

Pav A Basement / Phase 2

Specification Coversheet



Description: Cart, Equipment, Allowance
Manufacturer: InterMetro Industries Corp (800.992.1776)
Vendor: InterMetro Industries Corp (800.992.1776)
Model: Urology Cart

Atta ID: DM813LM
Alt ID:
Mfr #: TBD
Vendor #: TBD
CAD ID: EQC0000
Item ID:

General Product Detail

Arch Sig: No	Spatially Sig: No
Arch Code: 0-Unassigned	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/O	Type: Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: N/A	Left: N/A
Depth: N/A	Right: N/A
Height: N/A	Front: N/A
Max Weight: N/A	Back: N/A
Mounting: N/A	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Product and Project Item Notes

Structural Requirements

Seismic: N	Pre-approval:
-------------------	----------------------

- Specification:
- Structural:
- Electrical:
- Plumbing:
- Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B510	Supply Storage	Existing (Reuse)	Draft (Existing)	1	

Total: 1

University of Kentucky



Pav A Basement / Phase 2 Specification Coversheet

Description: Cabinet, Storage, Clinical, Allowance
Manufacturer: TBD (888-555-1212)
Vendor: Unspecified
Model: Implant Carts

Atta ID: DM863LM
Alt ID:
Mfr #:
Vendor #:
CAD ID: CST0000
Item ID:

General Product Detail

Arch Sig: No	Spatially Sig: No
Arch Code: 0-Unassigned	ADA: No
Custom Code: Unassigned	Antimicrobial: No
Furnish Install: O/O	Type: Medical
	Green: No

Electrical Requirements

Volts: N/A	Watts: N/A
Hz: N/A	Amps: N/A
Phase: N/A	BTU/hr: N/A
KVA: N/A	Ded. Circuit: No
Emer. Power: No	Plug Type: N/A

Physical Requirements

Width: N/A	Left: N/A
Depth: N/A	Right: N/A
Height: N/A	Front: N/A
Max Weight: N/A	Back: N/A
Mounting: N/A	Top: N/A
	Bottom: N/A

Utility and Technology Requirements

Water - Cold: No	Gasses: No
Water - Hot: No	Drain: No
Water - Treated: No	Steam: No
Vent: No	Vacuum - Dental / Medical: No / No
Tech Connect: No	

Product and Project Item Notes

Structural Requirements

Seismic: N	Pre-approval:
-------------------	----------------------

- Specification:
- Structural:
- Electrical:
- Plumbing:
- Mechanical:

Location

Department	Room#	Room	Funding Source	Item Status	Qty	Item Notes
Central Sterile / OR Materials	A0B505	Receiving / Breakdown	Existing (Reuse)	Draft (Existing)	5	

Total: 5



PROJECT ARCHITECT
 609 West Main St.
 Louisville, KY 40202
 v 502.583.0700
 GBBN.COM



Renovate / Upgrade
 UK Healthcare
 Facilities
 Pavilion A Level B
 Project Number: 2239.77

OWNER

UNIVERSITY OF KENTUCKY
 HealthCare
 800 Rose Street
 Lexington, KY 40506

CONSULTANTS

STRUCTURAL ENGINEER
 Brown + Kubcan
 2224 Young Drive
 Lexington, KY 40505
 859.543.0933

MEP ENGINEER

CMTA Engineers
 2429 Members Way
 Lexington, KY 40504
 859.253.0892

SUPPLY CHAIN ENGINEER

St. Onge Company
 1400 Williams Road
 York, PA 17402
 717.840.8181

FOOD SERVICE

Rippe Associates
 10400 Yellow Cir Dr #100
 Minnetonka, MN 55343
 952.933.0313

DRAWING ISSUE

CONTRACT DOCUMENTS

NO.	DATE	DESCRIPTION
1	05.20.22	CD/BID DOCUMENTS BP#2
2	09.13.22	BP2 ADDENDUM 03

DRAWING TITLE

**LEVEL B DIMENSION
 PLAN - AREA A PHASE 6**

SEAL

JOB NUMBER

14590.01

A10B-A.6

05/20/2022

GENERAL NOTES - FLOOR PLAN

- A. **LAYOUT AND DIMENSIONS**
DO NOT SCALE THE DRAWINGS. LAYOUT THE PARTITIONS AND OPENINGS PRIOR TO CONSTRUCTION. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES WITH THE DRAWINGS.
- B. **PARTITION ALIGNMENT**
UNLESS NOTED OTHERWISE, ALIGN NEW PARTITIONS WITH THE FACE OF EXISTING CONSTRUCTION AS APPLICABLE. WHERE NEW CONSTRUCTION IS SHOWN TO FILL EXISTING WALL OPENINGS, BOTH FACES OF THE NEW CONSTRUCTION SHALL ALIGN WITH THE EXISTING WALL FACES UNLESS INDICATED OTHERWISE.
- C. **DOOR LOCATIONS**
EXCEPT WHERE DIMENSIONED OTHERWISE, LOCATE OUTER EDGES OF DOOR FRAMES 4-INCHES FROM PERPENDICULAR WALLS AND PARTITIONS.
- D. **DIMENSIONING**
DIMENSIONS LOCATING FRAMED PARTITIONS OR FURRED-OUT CONCRETE OR MASONRY PARTITIONS ARE TAKEN FROM THE FACE OF WALLBOARD (OR PLASTER WHERE APPLICABLE). DIMENSIONS LOCATING EXPOSED CONCRETE OR MASONRY WALLS ARE TAKEN FROM THE FACE OF CONCRETE OR MASONRY. UNLESS INDICATED OTHERWISE, THICKNESSES OF APPLIED FINISHES ARE NOT INCLUDED IN THE PLAN DIMENSION. REFER TO THE FINISH SCHEDULE AND DETAILS.
- E. **NEW SERVICES IN EXISTING WALLS**
PROVIDE NEW HARD-PIPED CONDUIT AND GYPSUM BOARD AT NEW DATA AND POWER LOCATIONS IN EXISTING WALLS.

PARTITION AND WALL GRAPHIC KEY

- NON-RATED PARTITION
- NON-RATED PARTITION (EXISTING)
- 1 HOUR FIRE BARRIER
- 1 HOUR FIRE BARRIER (EXISTING)
- 2 HOUR FIRE BARRIER
- 2 HOUR FIRE BARRIER (EXISTING)
- 1 HOUR FIRE AND SMOKE BARRIER
- 1 HOUR FIRE AND SMOKE BARRIER (EXISTING)
- 2 HOUR FIRE AND SMOKE BARRIER
- 2 HOUR FIRE AND SMOKE BARRIER (EXISTING)
- SMOKE RESISTING PARTITION
- SMOKE RESISTING PARTITION (EXISTING)
- 1 HOUR SMOKE BARRIER
- 1 HOUR SMOKE BARRIER (EXISTING)

PARTITION TAG GRAPHIC KEY

- FIRE ASSEMBLY RATING (HOURS) OR SMOKE PARTITION REQUIREMENT
- PARTITION TYPE - REFER TO SHEET A601
- PARTITION WALL MODIFICATION

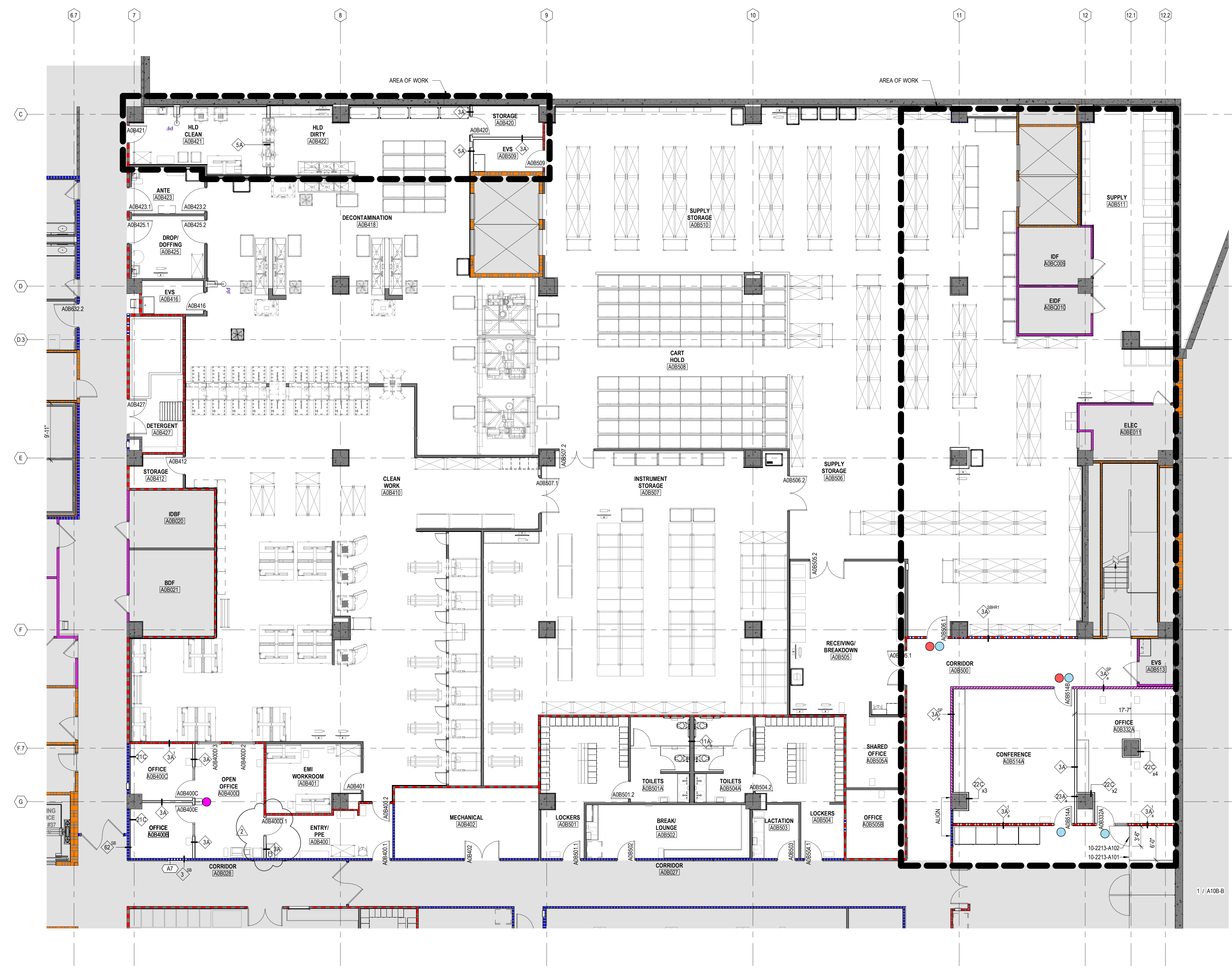
AREA NOT IN SCOPE

KEYNOTE

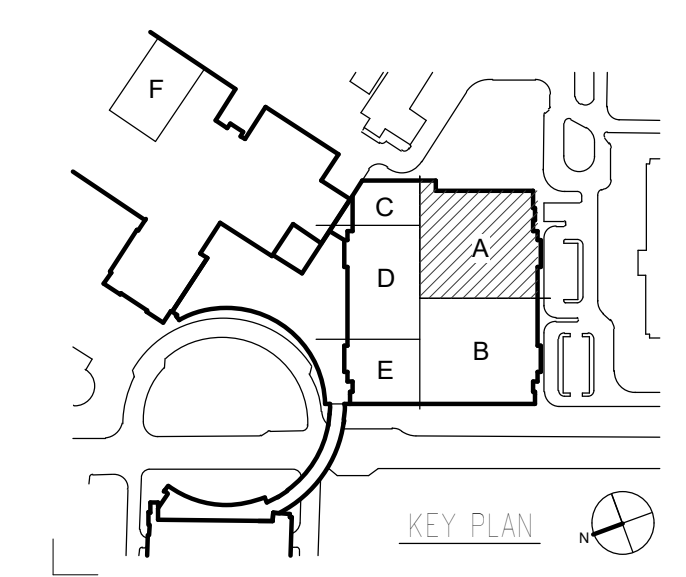
- A7 IN-EXISTING WALL AT REMOVED DOORWAY FLUSH TO EXISTING ADJACENT WALLS. PATCH AND FINISH TO MATCH EXISTING. MAINTAIN EXISTING WALL RATINGS.

SECURITY HARDWARE

- WALL MOUNTED CARD READER
- INTERCOM SUB STATION WITH VIDEO CAMERA TO COMMUNICATE TO DEPARTMENT ENTRIES
- AUTOMATIC OPERATOR
- KEYPAD LOCK
- DOOR RELEASE BUTTON CONNECTION
- INTERCOM SUB STATION / PHONE TO COMMUNICATE WITHIN DEPARTMENT (TO SPEAKERS)
- CLOSER



LEVEL B DIMENSION PLAN AREA A.6
 SCALE: 1/8" = 1'-0"



05/20/2022 4:08:07 PM B:\1303\UK- Pavilion A - Level B Support Services Renovation\UK-RED_A10B-A.6.dwg S:_Civ. Svc. Bldg. 2021.rvt

LEVEL B SUPPORT SERVICES RENOVATION | PAVILION A, 1000 S. LIMESTONE, LEXINGTON, KY 40536

DOOR AND FRAME SCHEDULE - BP2.1															
REV. NO.	DOOR MARK	DOOR LOCATION	DOOR INFORMATION				FRAME INFORMATION						HARDWARE SET	COMMENTS	FIRE RATING
			SIZE		STYLE	MATERIAL	TYPE	MATERIAL	DETAILS						
			WIDTH	HEIGHT					JAMB	HEAD	OTHER				
A0B402	MECHANICAL		6'-0"	7'-0"	F	HM	1	HM	1A/A611	1A/A611	---	69.3	CARD READER, GALVANIZED DOOR AND FRAME	20 MIN	
A0B425.1	DROP / DOFFING		4'-0"	7'-0"	N	HM	2	HM	2/A611	2A/A611	---	69.5	CARD READER, INTERCOM W/ CAMERA, DOOR RELEASE, IN EXG CMU	45 MIN	
A0B427	DETERGENT		6'-0"	7'-0"	N	HM	2	HM	2/A611	2A/A611	---	69.3	CARD READER, IN EXG CMU	45 MIN	

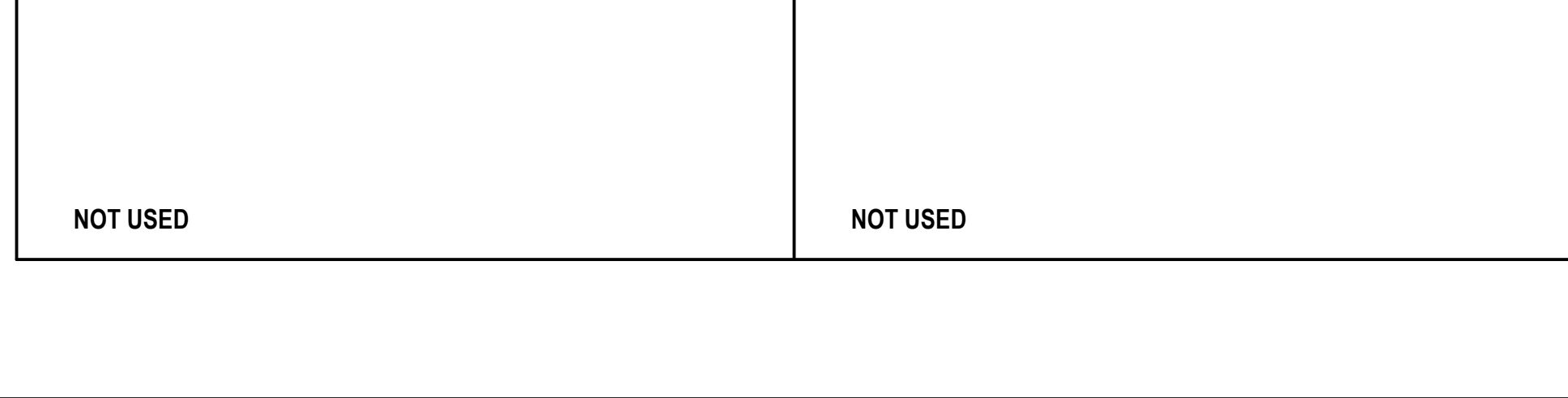
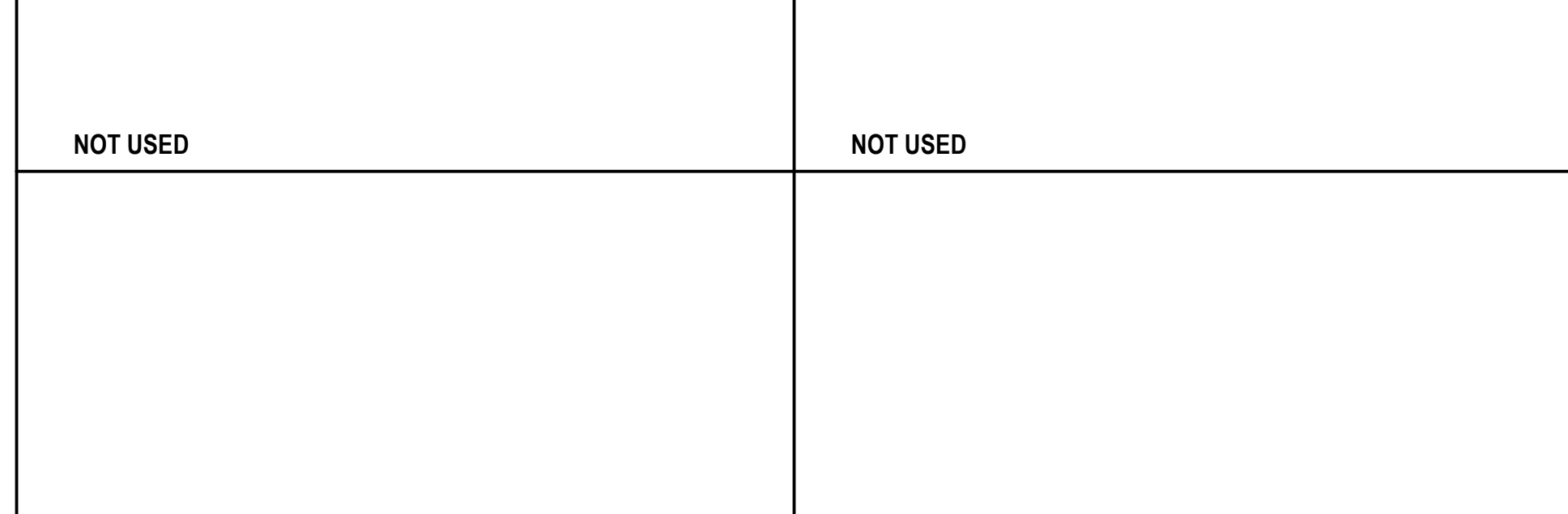
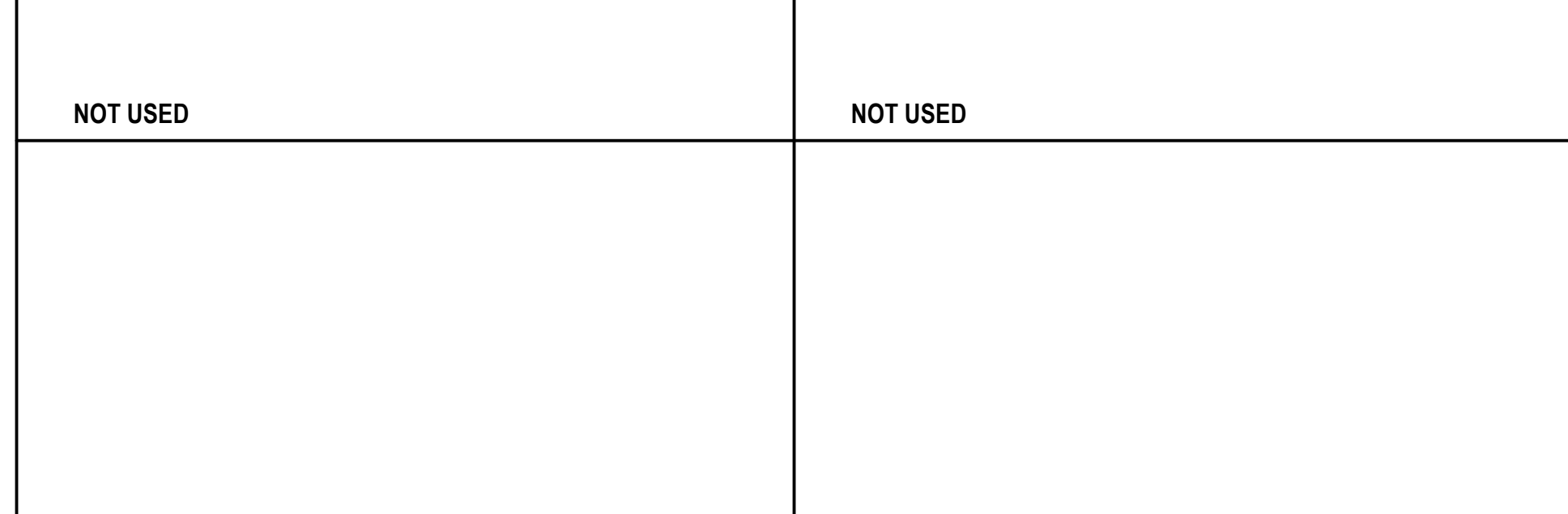
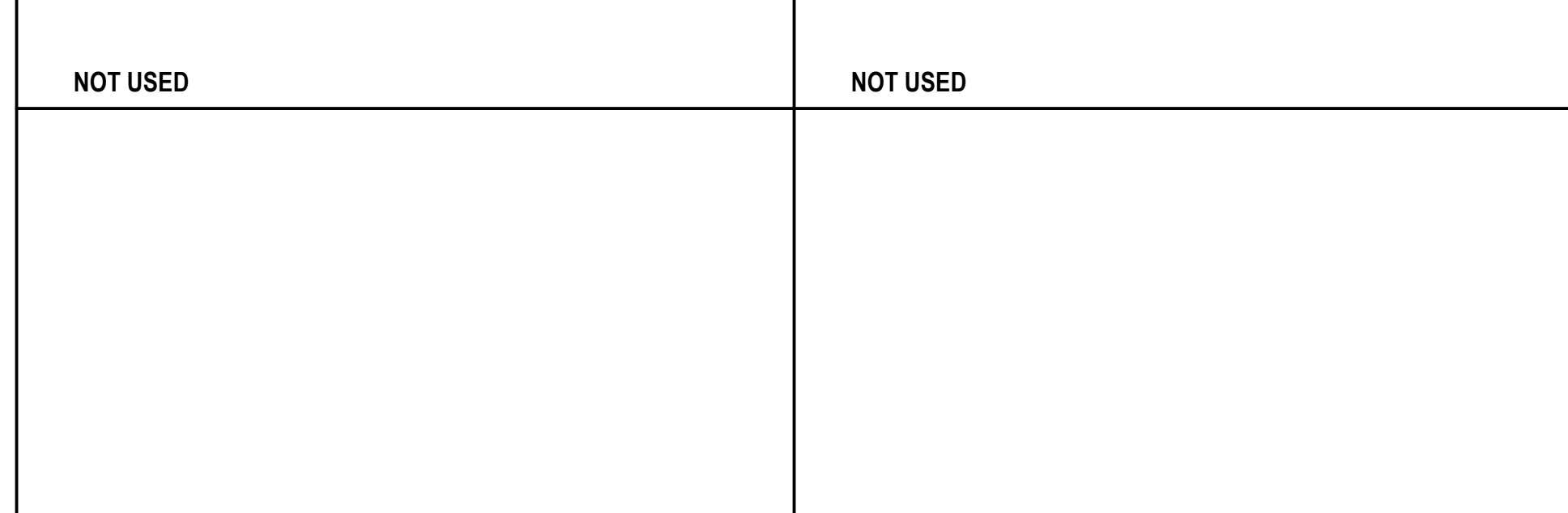
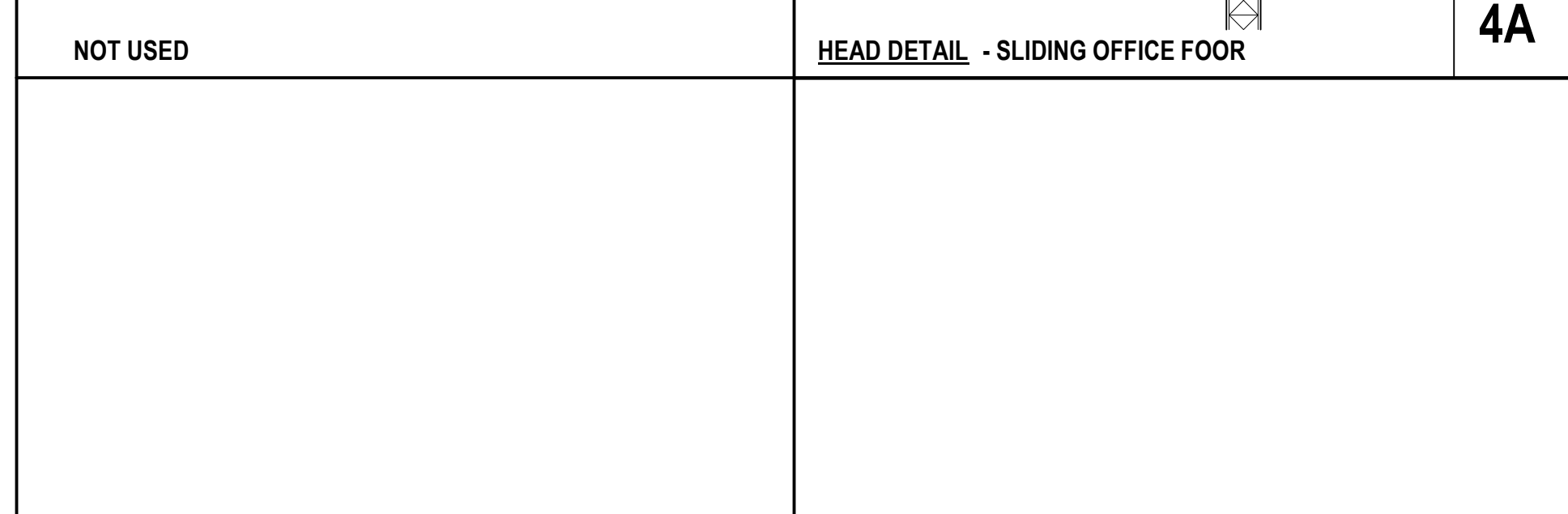
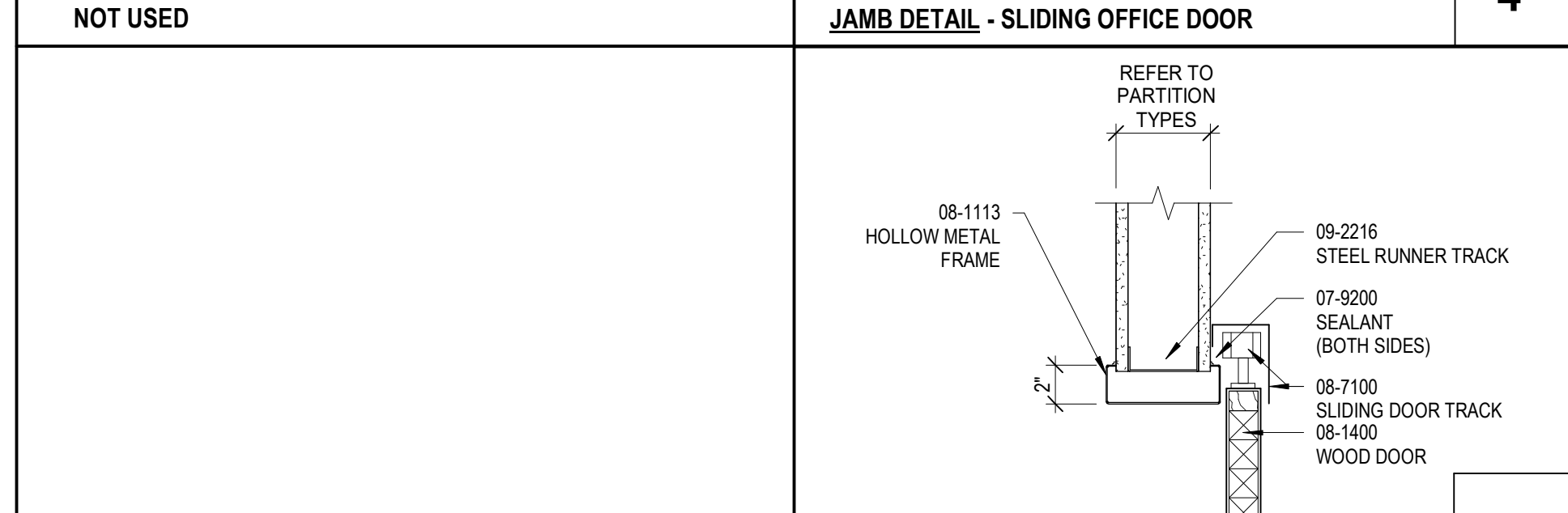
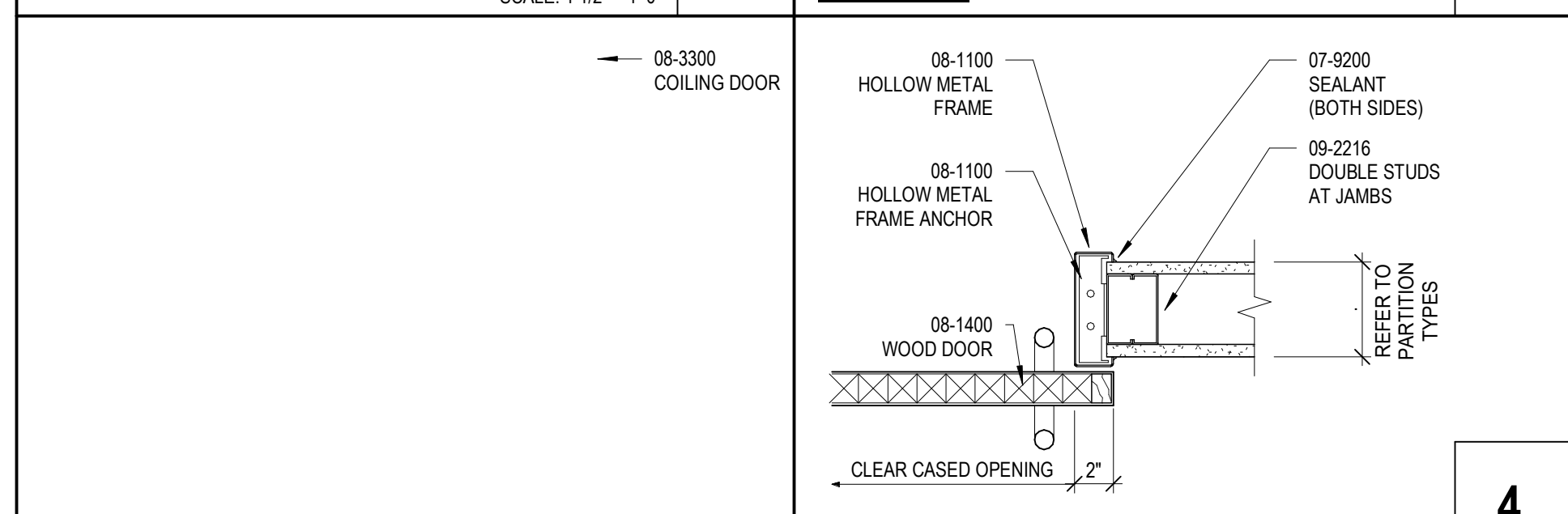
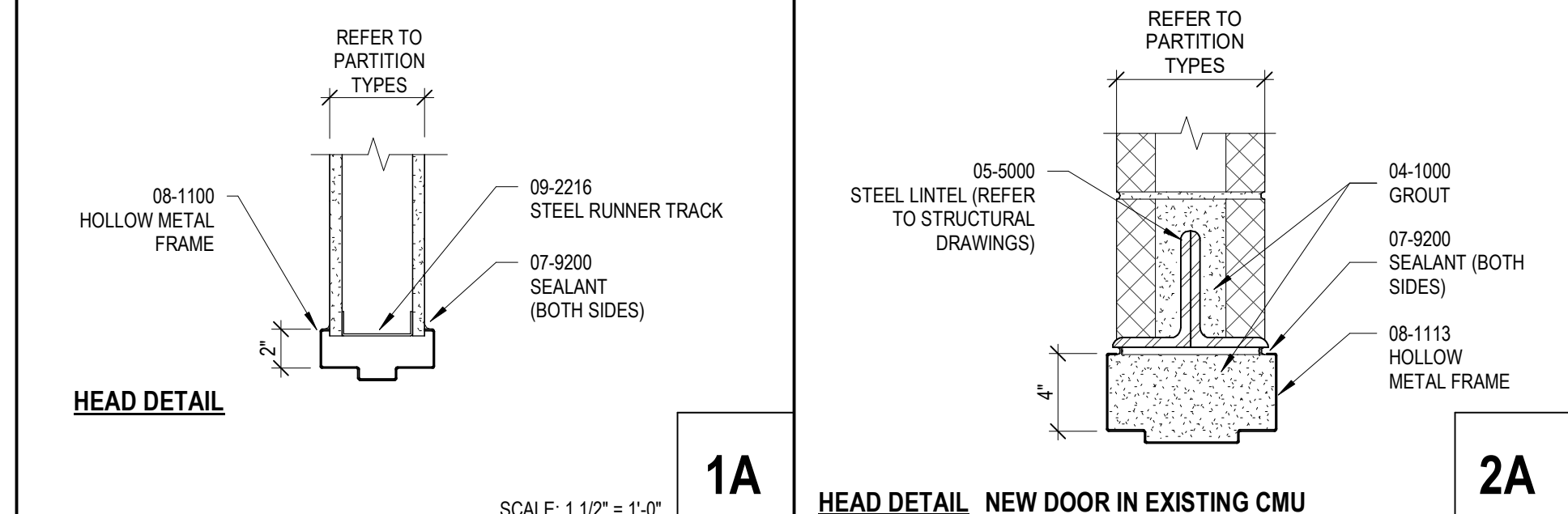
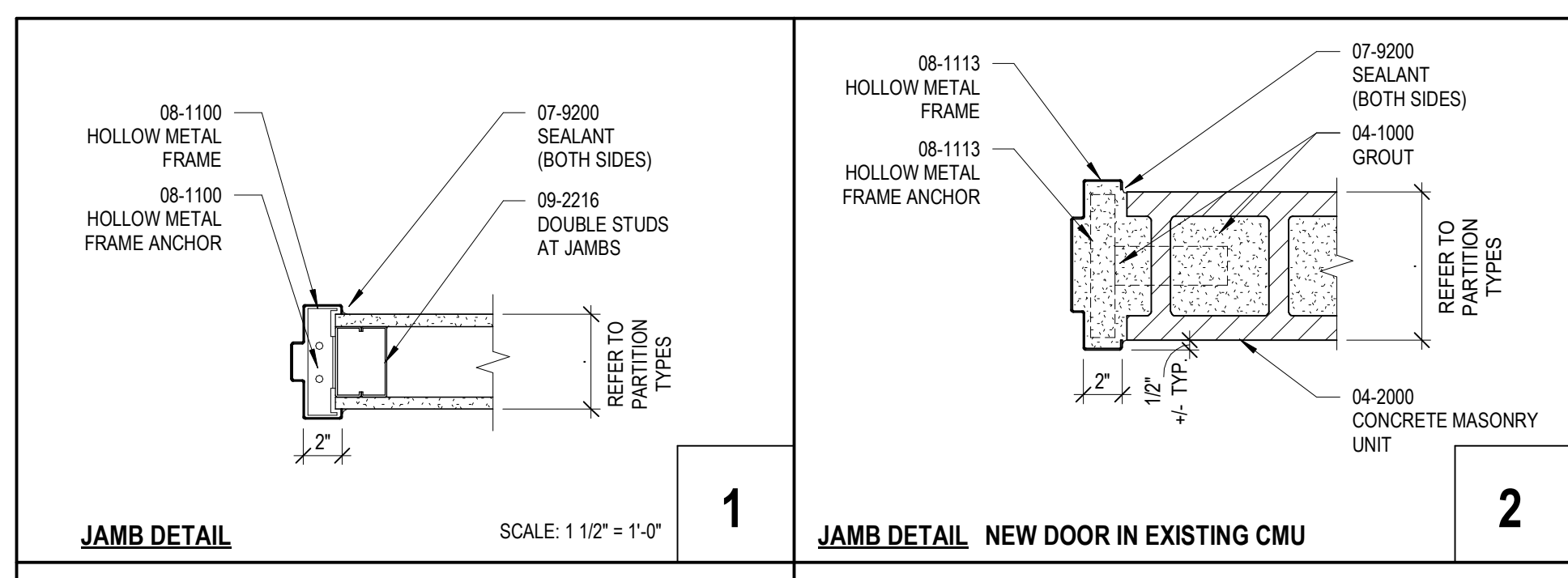
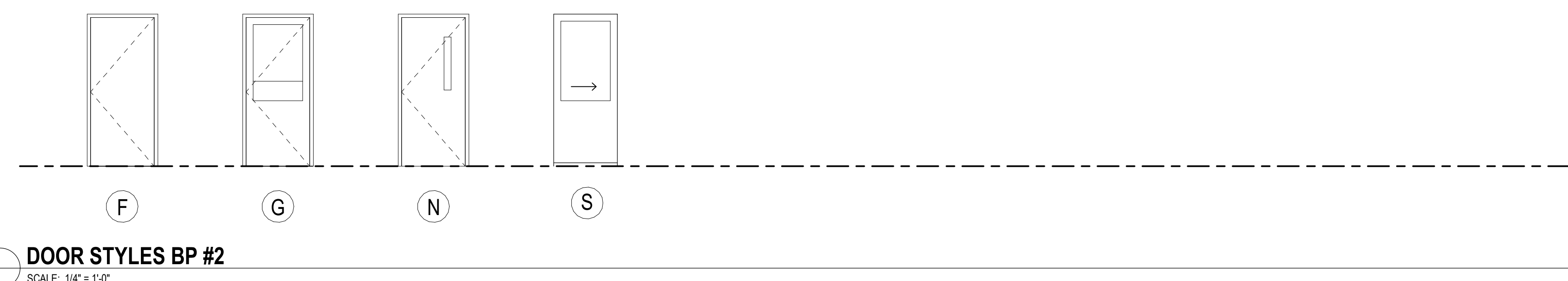
DOOR AND FRAME SCHEDULE - BP2.2															
REV. NO.	DOOR MARK	DOOR LOCATION	DOOR INFORMATION				FRAME INFORMATION						HARDWARE SET	COMMENTS	FIRE RATING
			SIZE		STYLE	MATERIAL	TYPE	MATERIAL	DETAILS						
			WIDTH	HEIGHT					JAMB	HEAD	OTHER				
A0B400.1	ENTRY / PPE		3'-0"	7'-0"	N	HM	1	HM	1/A611	1A/A611	---	09	CARD READER, DOOR RELEASE	20 MIN	
A0B400.2	ENTRY / PPE		3'-0"	7'-0"	N	HM	1	HM	1/A611	1A/A611	---	05.1	GALVANIZED DOOR AND FRAME	45 MIN	
A0B401	EM WORKROOM		3'-0"	7'-0"	N	HM	1	HM	1/A611	1A/A611	---	05	INTERCOM W/ CAMERA, GALVANIZED DOOR AND FRAME	---	
A0B412	STORAGE		3'-0"	7'-0"	N	HM	1	HM	1/A611	1A/A611	---	05.1	GALVANIZED DOOR AND FRAME	---	
A0B414	TEMP DOOR		4'-0"	7'-0"	N	HM	1	---	---	---	---	05.1	TEMPORARY CONSTRUCTION DOOR	---	
A0B415	TEMP DOOR		6'-0"	7'-0"	G	---	---	---	---	---	---	05.3	TEMPORARY CONSTRUCTION DOOR	---	
A0B416	EVS		3'-0"	7'-0"	N	HM	1	HM	1/A611	1A/A611	---	09	GALVANIZED DOOR AND FRAME, KEYPAD LOCK	---	
A0B423.1	ANTE		4'-0"	7'-0"	N	HM	2	HM	2/A611	2A/A611	---	69.7	AUTO OPERATOR, CARD READER	45 MIN	
A0B423.2	ANTE		4'-0"	7'-0"	N	HM	1	HM	1/A611	1A/A611	---	69.8	AUTO OPERATOR, GALVANIZED DOOR AND FRAME, COORDINATED WITH CORRIDOR ANTE DOOR	---	
A0B425.2	DROPI/DOFFING		4'-0"	7'-0"	N	HM	1	HM	1/A611	1A/A611	---	69.6	AUTO OPERATOR, CARD READER, GALVANIZED DOOR AND FRAME	---	

DOOR AND FRAME SCHEDULE - BP2.3															
REV. NO.	DOOR MARK	DOOR LOCATION	DOOR INFORMATION				FRAME INFORMATION						HARDWARE SET	COMMENTS	FIRE RATING
			SIZE		STYLE	MATERIAL	TYPE	MATERIAL	DETAILS						
			WIDTH	HEIGHT					JAMB	HEAD	OTHER				
A0B421	HLD CLEAN		3'-0"	7'-0"	N	HM	2	HM	2/A611	2A/A611	---	69.2	AUTO OPERATOR, CARD READER, INTERCOM W/ CAMERA	45 MIN	
A0B501.1	INSTRUMENT STORAGE		6'-0"	7'-0"	G	HM	1	HM	1/A611	1A/A611	---	115	AUTO OPERATOR, ARMOR PLATE, CART PROTECTION, GALVANIZED DOOR AND FRAME	---	
A0B507.2	INSTRUMENT STORAGE		6'-0"	7'-0"	G	HM	1	HM	1/A611	1A/A611	---	115	AUTO OPERATOR, ARMOR PLATE, CART PROTECTION, GALVANIZED DOOR AND FRAME	---	

DOOR AND FRAME SCHEDULE - BP2.4															
REV. NO.	DOOR MARK	DOOR LOCATION	DOOR INFORMATION				FRAME INFORMATION						HARDWARE SET	COMMENTS	FIRE RATING
			SIZE		STYLE	MATERIAL	TYPE	MATERIAL	DETAILS						
			WIDTH	HEIGHT					JAMB	HEAD	OTHER				
A0B506.2	SUPPLY STORAGE		6'-0"	7'-0"	G	HM	1	HM	1/A611	1A/A611	---	115	AUTO OPERATOR, ARMOR PLATE, CART PROTECTION, GALVANIZED DOOR AND FRAME	---	
A0B509	EVS		3'-0"	7'-0"	N	HM	1	HM	1/A611	1A/A611	---	09	KEYPAD LOCK	---	

DOOR AND FRAME SCHEDULE - BP2.5															
REV. NO.	DOOR MARK	DOOR LOCATION	DOOR INFORMATION				FRAME INFORMATION						HARDWARE SET	COMMENTS	FIRE RATING
			SIZE		STYLE	MATERIAL	TYPE	MATERIAL	DETAILS						
			WIDTH	HEIGHT					JAMB	HEAD	OTHER				
A0B501.1	LOCKERS		3'-0"	7'-0"	F	HM	1	HM	1/A611	1A/A611	---	69	CARD READER, GALVANIZED DOOR AND FRAME	20 MIN	
A0B501.2	LOCKERS		3'-0"	7'-0"	F	WD	1	HM	1/A611	1A/A611	---	251.2	GALVANIZED DOOR AND FRAME	---	
A0B502	BREAK LOUNGE		3'-0"	7'-0"	G	HM	1	HM	1/A611	1A/A611	---	69	CARD READER	20 MIN	
A0B503	LACTATION		3'-0"	7'-0"	F	HM	1	HM	1/A611	1A/A611	---	82.1	CARD READER, OCCUPANCY INDICATOR LOCKSET	20 MIN	
A0B504.1	LOCKERS		3'-0"	7'-0"	F	HM	1	HM	1/A611	1A/A611	---	69	CARD READER, GALVANIZED DOOR AND FRAME	20 MIN	
A0B504.2	LOCKERS		3'-0"	7'-0"	F	WD	1	HM	1/A611	1A/A611	---	251.2	GALVANIZED DOOR AND FRAME	---	
A0B505.1	RECEIVING BREAKDOWN		6'-0"	7'-0"	G	HM	1	HM	1/A611	1A/A611	---	69.3	CARD READER, INTERCOM W/ CAMERA, REMOTE RELEASE	45 MIN	
A0B505.2	RECEIVING BREAKDOWN		6'-0"	7'-0"	G	HM	1	HM	1/A611	1A/A611	---	115	AUTO OPERATOR, ARMOR PLATE	---	

DOOR AND FRAME SCHEDULE - BP2.6															
REV. NO.	DOOR MARK	DOOR LOCATION	DOOR INFORMATION				FRAME INFORMATION						HARDWARE SET	COMMENTS	FIRE RATING
			SIZE		STYLE	MATERIAL	TYPE	MATERIAL	DETAILS						
			WIDTH	HEIGHT					JAMB	HEAD	OTHER				
A0B332A	OFFICE		3'-0"	7'-0"	G	HM	11	HM	1.5, 6/A611	1A/A611	---	05.1	INTEGRAL BLIND ON SIDE AND HALF LITE	45 MIN	
A0B400C	OFFICE		3'-0"	7'-0"	F	HM	11	HM	1.5, 6/A611	1A/A611	---	05	---	---	
A0B400.1	ENTRY / PPE		3'-0"	7'-0"	G	WD	1	HM	4/A611	4A/A611	---	05	---	---	
A0B400.2	OPEN OFFICE		6'-0"	5'-0"	---	---	40	HM	6/A611	6/A611 SIM	6B/A611	---	BORROWED LITE FRAME	45 MIN	
A0B400.3	OPEN OFFICE		4'-0"	5'-0"	---	---	40	HM	6/A611	6/A611 SIM	6B/A611	---	BORROWED LITE FRAME	45 MIN	
A0B400E	OFFICE		3'-0"	7'-0"	F	HM	11	HM	1.5, 6/A611	1A/A611	---	05	---	---	
A0B420	STORAGE		3'-0"	7'-0"	N	HM	1	HM	1/A611	1A/A611	---	05.1	---	---	
A0B505.1	SUPPLY STORAGE		3'-0"	7'-0"	F	HM	1	HM	1/A611	1A/A611	---	69.1	CARD READER	45 MIN	
A0B514A	CONFERENCE		3'-0"	7'-0"	G	HM	1	HM	1/A611	1A/A611	---	05.1	FIRE-RESISTANCE RATED, OBSCURE GLASS	45 MIN	
A0B514B	CONFERENCE		3'-0"	7'-0"	G	HM	1	HM	1/A611	1A/A611	---	69	OBSCURE GLASS, CARD READER	---	



GENERAL NOTES - DOOR AND FRAME SCHEDULE

- A. DOORS AND HARDWARE SHALL MEET THE REQUIREMENTS OF THE ACCESSIBILITY CODE AS LISTED IN THE CODE SUMMARY, AND WITH THE AMERICANS WITH DISABILITIES ACT.
- B. REFER TO THE CODE SUMMARY AND LIFE SAFETY DRAWINGS (WHERE APPLICABLE) FOR ADDITIONAL INFORMATION REGARDING FIRE AND SMOKE RATED PARTITIONS AND RELATED DOOR AND OPENING PROTECTIVES.
- C. EXCEPT AS INDICATED OTHERWISE, GLAZING IN DOORS, SIDELIGHTS, TRANSOMS AND INTERIOR BORROWED LIGHTS SHALL BE TEMPERED SAFETY GLASS.
- D. FIRE RATINGS INDICATED IN THE DOOR AND OPENING SCHEDULE ARE MINIMUM AS REQUIRED FOR THE DOOR LEAF(S). WHERE FRAMED GLAZED SIDELIGHTS, TRANSOMS, OR BORROWED LIGHTS OCCUR IN A FIRE RATED WALL OR PARTITION, GLAZING SHALL MEET THE BUILDING CODE REQUIREMENT AS SCHEDULED FOR THE DOOR LEAF.
- E. FIRE RATINGS SPECIFICALLY PERMITTED BY THE BUILDING CODE AND AS INDICATED IN THE DOOR SCHEDULE DOOR IN THE MEANS OF EGRESS - INCLUDING ELECTRONIC ACCESS CONTROL DOORS - SHALL BE READILY OPENIBLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.
- F. PROVIDE CONCEALED BLOCKING IN WALLS AND PARTITIONS FOR HARDWARE ASSOCIATED WITH DOORS.
- G. PROVIDE TERMINATED / SANITARY STOPS IN DOORS FRAMES, TYPICAL.

DOOR AND FRAME SCHEDULE LEGEND

AL	ALUMINUM
HM	HOLLOW METAL
IR	IMPACT RESISTANT
LL	LEAD LINED
STL	STEEL
S STL	STAINLESS STEEL
WD	WOOD



PROJECT ARCHITECT
609 West Main St.
Louisville, KY 40202
v 502.583.0700
GBBN.COM

UK HealthCare
Renovate / Upgrade
UK Healthcare
Facilities
Pavilion A Level B
Project Number: 2239.77

OWNER
UNIVERSITY OF KENTUCKY
HealthCare
800 Rose Street
Lexington, KY 40506

CONSULTANTS
STRUCTURAL ENGINEER
Brown + Kubcan
2224 Young Drive
Lexington, KY 40505
859.543.0933

MEP ENGINEER
CMTA Engineers
2429 Members Way
Lexington, KY 40504
859.253.0892

SUPPLY CHAIN ENGINEER
St. Onge Company
1400 Williams Road
York, PA 17402
717.840.8181

FOOD SERVICE
Rippe Associates
10400 Yellow Cir Dr #100
Minnetonka, MN 55343
952.933.0313

DRAWING ISSUE

NO.	DATE	DESCRIPTION
1	05.20.22	CD/BID DOCUMENTS BP#2
2	01.24.22	ASI 02
3	09.13.22	BP2 ADDENDUM 03

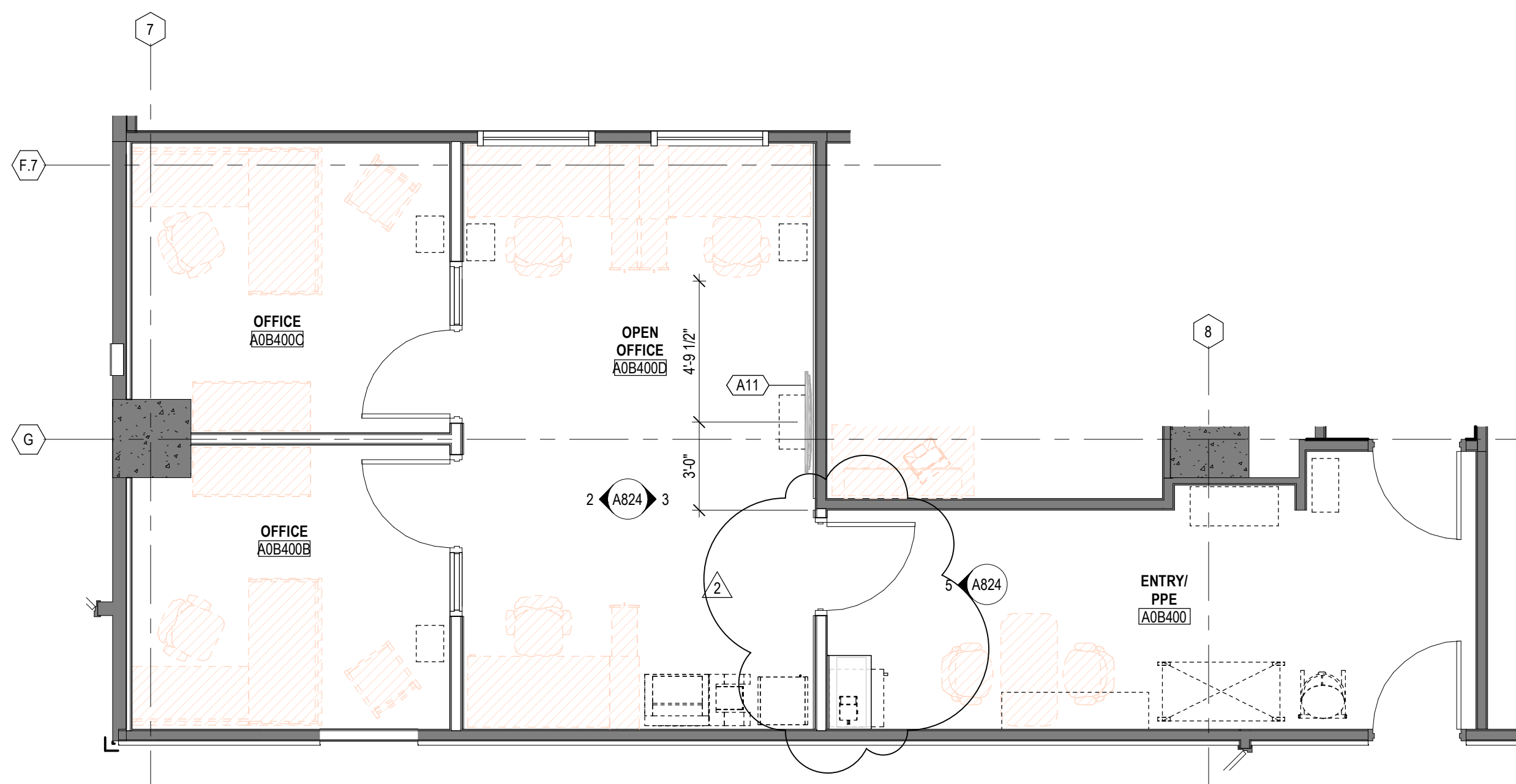
CONTRACT DOCUMENTS

NO.	DATE	DESCRIPTION

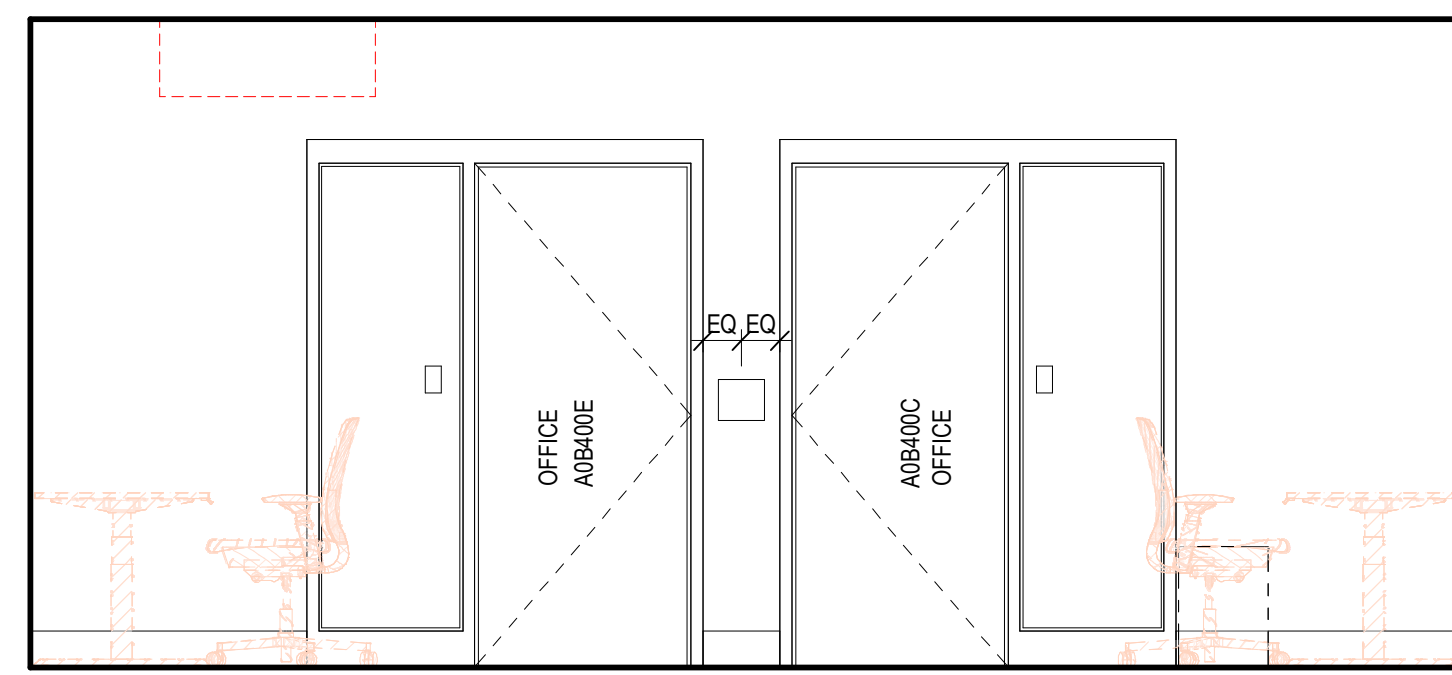
DRAWING TITLE
DOOR & FRAME
SCHEDULE AND DETAILS

JOB NUMBER
14590.01

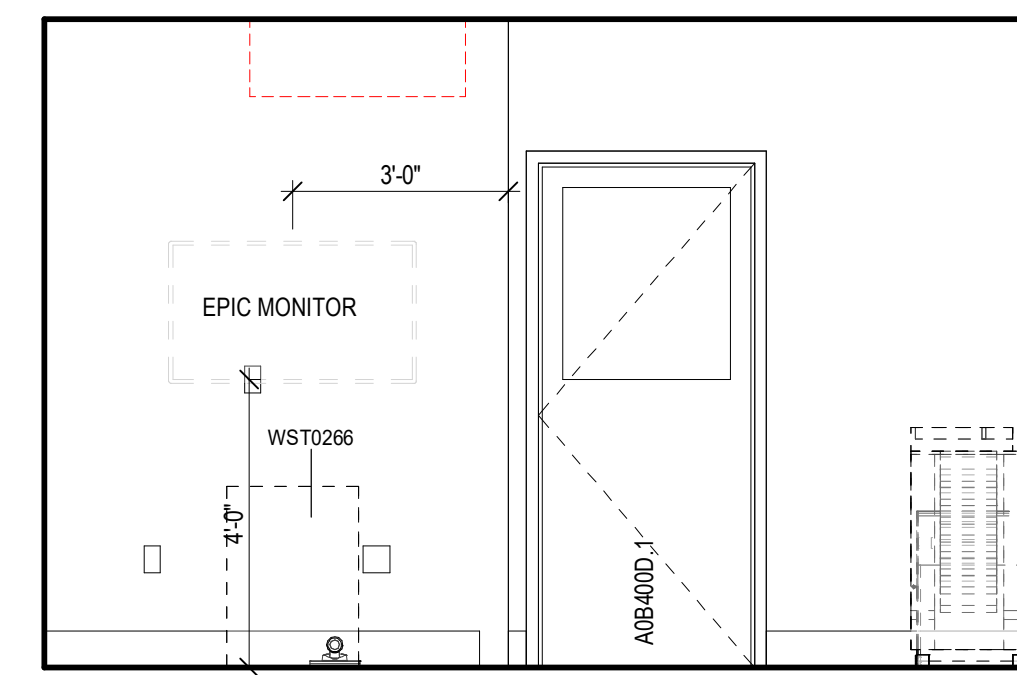
A611b
05/20/2022



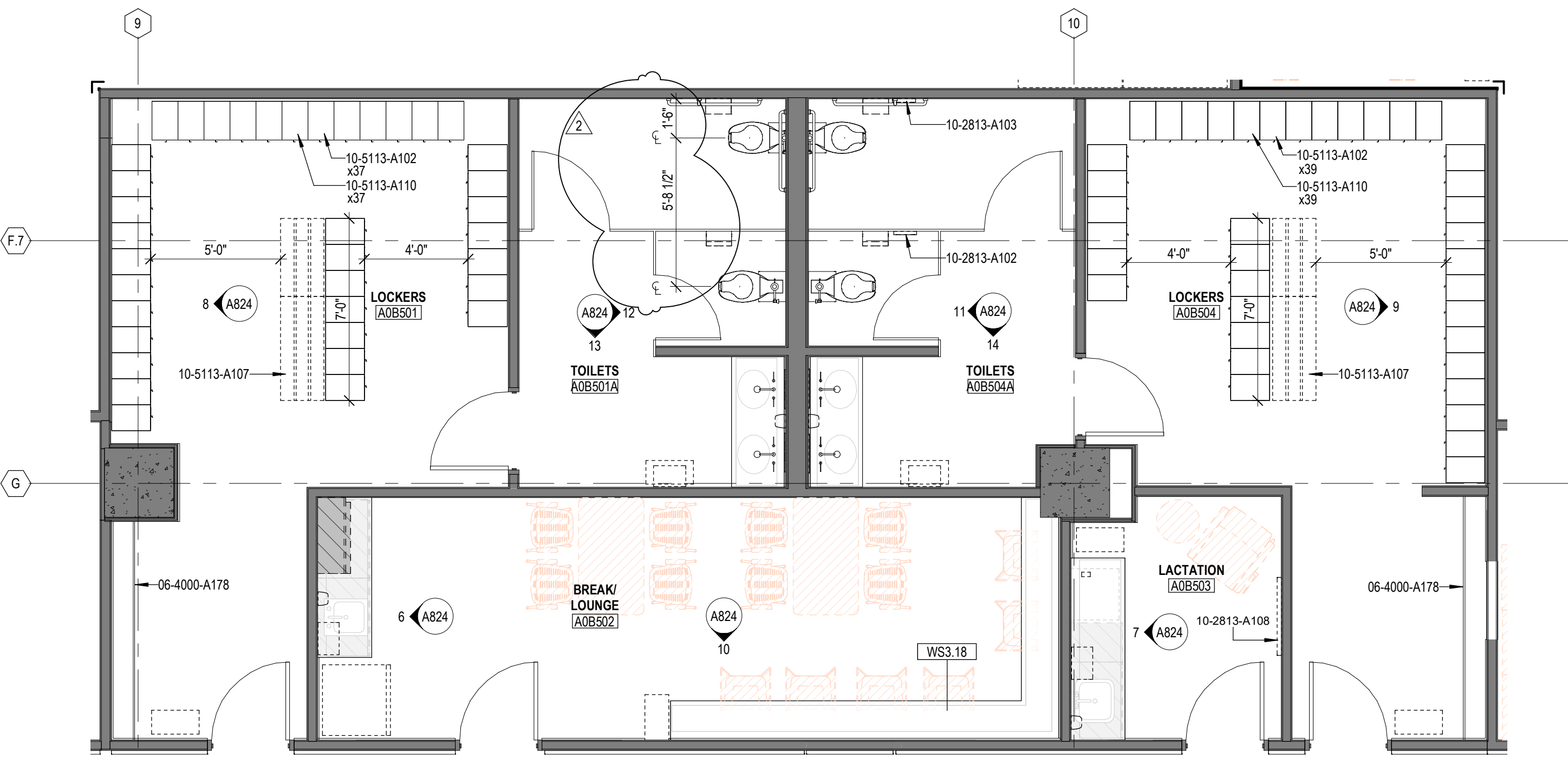
1 CS OFFICES - ENL PLAN
SCALE: 1/4" = 1'-0"



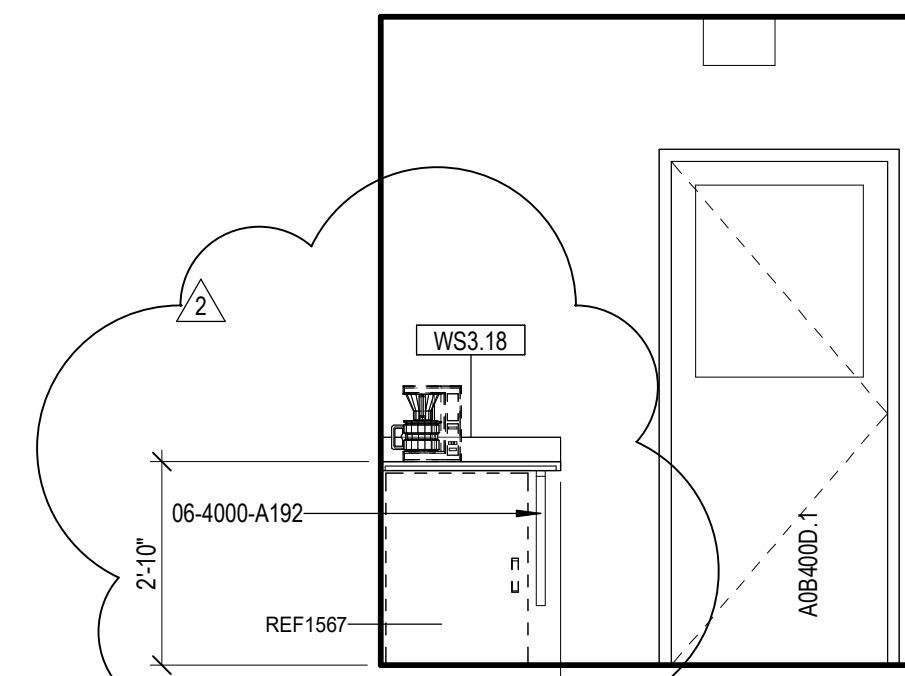
2 CS OPEN OFFICE - NORTH
SCALE: 3/8" = 1'-0"



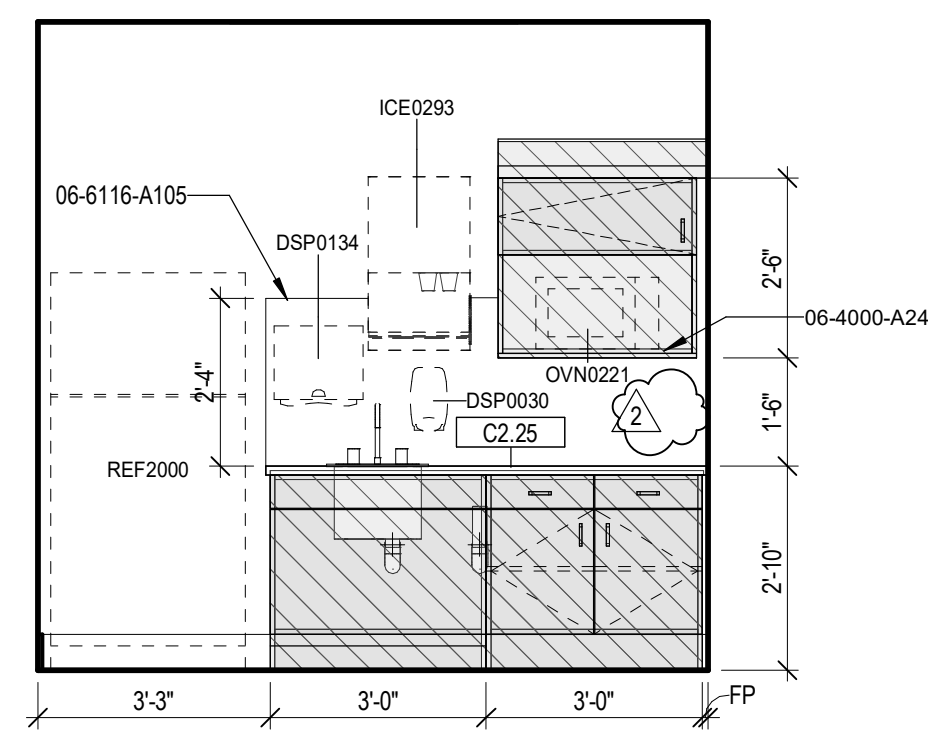
3 CS OPEN OFFICE - SOUTH
SCALE: 3/8" = 1'-0"



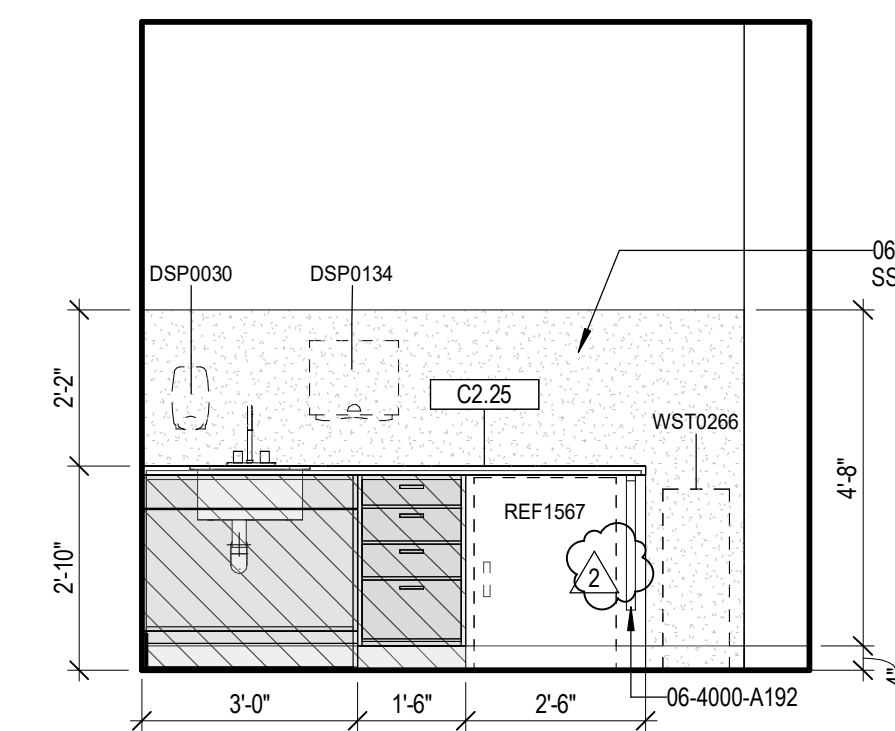
4 CS-ORMM STAFF - ENL PLAN
SCALE: 1/4" = 1'-0"



5 CS ENTRY/PPE - NORTH
SCALE: 3/8" = 1'-0"



6 CS ORMM BREAK - NORTH
SCALE: 3/8" = 1'-0"



7 CS ORMM LACTATION - NORTH
SCALE: 3/8" = 1'-0"

GENERAL NOTES - INTERIOR ELEVATIONS

- A. **DEVICES/ACCESSORIES/EQUIPMENT**
 - SERVICE DEVICES ARE SHOWN ON THE ELEVATIONS FOR THE PURPOSE OF COORDINATION WITH EQUIPMENT AND FOR GENERAL COORDINATION WITH MECHANICAL, ELECTRICAL, PLUMBING, TECHNOLOGY, SECURITY, AUDIO-VISUAL AND OTHER APPLICABLE DISCIPLINES.
 - NOT ALL SERVICE DEVICES ARE SHOWN ON THE ELEVATION. REFER TO THE APPLICABLE ENGINEERING DISCIPLINE DRAWINGS FOR QUANTITIES AND OTHER INSTALLATION REQUIREMENTS.
 - WHERE SERVICE DEVICES ARE NOT DIMENSIONED, REFER TO THE APPLICABLE ENGINEERING DISCIPLINE DRAWING AND COORDINATE LOCATIONS WITH CASEWORK, MILLWORK, WALL PROTECTION, AND OTHER WALL TREATMENT FINISHES.
 - NOTIFY THE ARCHITECT IN THE CASE WHERE A SERVICE DEVICE SHOWN ON THE ENGINEERING DISCIPLINE DRAWINGS MAY BE IN CONFLICT WITH OTHER WALL-MOUNTED ITEMS, CASEWORK, MILLWORK, WALL PROTECTION, AND OTHER WALL TREATMENT FINISHES PRIOR TO INSTALLATION.
 - SERVICE DEVICES NOTED OR DIMENSIONED TO BE INSTALLED AT THE SAME HEIGHT FROM THE FINISHED FLOOR SHALL BE ALIGNED ALONG A CENTERLINE AXIS.
 - REFER TO ARCHITECTURAL STANDARDS DRAWING "AS" FOR TYPICAL ACCESSORY AND DEVICE INSTALLATION HEIGHTS UNLESS INDICATED OTHERWISE ON THIS DRAWING.
- B. **CASEWORK**
 - REFER TO TYPICAL CASEWORK SECTIONS AND DETAIL SHEETS FOR CASEWORK AND COUNTERTOP TAGS, NOTES, AND DESCRIPTIONS.
 - PROVIDE FILLER PANELS/SCRIBES WHERE CASEWORK MEETS AN ADJACENT WALL OR PARTIA.
 - FILLERS SHALL BE 1/2 INCH WIDE MINIMUM AND 3-INCH WIDE MAXIMUM AGAINST ADJACENT WALLS AND SHALL BE EQUAL WIDTHS WHERE CASEWORK EXTENDS BETWEEN TWO WALLS.
 - PROVIDE MINIMUM 3-INCH WIDE FILLER PANELS/SCRIBES AT INSIDE CASEWORK CORNERS. PROVIDE GROMMETS IN COUNTERTOPS WHERE POWER, DATA/COMMUNICATION RECEPTACLES ARE INDICATED BELOW ON THE WALL OR INSIDE THE CABINET.
 - FIELD INSTALL GROMMETS. COORDINATE THE FINAL LOCATION WITH THE ARCHITECT OR THE OWNER.
- C. **FINISH MATERIALS [CASEWORK/MILLWORK]**
 - MATERIAL FINISH SHALL BE TYPE "XX-X" UNLESS INDICATED OTHERWISE. REFER TO MATERIAL SCHEDULE.
 - WALL FINISHES ARE SHOWN ON THE ELEVATIONS TO CLARIFY LOCATIONS AND FOR COORDINATION. REFER TO THE FINISH SCHEDULE (FINISH PLAN) FOR THE FULL EXTENT OF FINISH MATERIALS.
- D. **WALL PROTECTION**
 - REFER TO WALL PROTECTION PLAN(S) FOR THE EXTENT OF WALL PROTECTION. NOT ALL WALLS THAT REQUIRE WALL TREATMENT/PROTECTION ARE ELEVATED.

GRAPHIC LEGEND

- CASEWORK AND/OR FURNITURE PROVIDED BY THE FURNITURE VENDOR
- CASEWORK PROVIDED BY THE MODULAR CASEWORK VENDOR
- SPECIALTY EQUIPMENT
- AREA NOT IN SCOPE

KEYNOTE DESCRIPTION

- 06-4000-A178 COAT ROD AND CUPS
- 06-4000-A192 WORK SURFACE SUPPORT BRACKETS
- 06-4000-A243 SOLID SURFACE MICROWAVE SHELF BY MILLWORKER
- 06-6116-A104 1/2-INCH SOLID SURFACING PANEL
- 06-6116-A105 1/4-INCH SOLID SURFACING PANEL
- 10-2113-A001 SOLID SURFACE PARTITION UNITS
- 10-2813-A102 SANITARY NAPKIN DISPOSAL: S/N-D-3 (PARTITION MOUNTED)
- 10-2813-A103 SANITARY NAPKIN DISPOSAL: S/N-D-3 (WALL MOUNTED)
- 10-2813-A107 FRAMED MIRROR: MIR-5
- 10-2813-A108 2 TIER 12-INCH WIDE X 18-INCH DEEP METAL LOCKER
- 10-5113-A103 SLOPED TOP
- 10-5113-A107 LOCKER BENCH
- 10-5113-A110 12" X 24" SHOE CUBBY; MATCH COLOR/FINISH OF LOCKERS
- 10-5113-A111 METAL FILLER PANEL; MATCH COLOR/FINISH OF LOCKERS
- 22-0000-A001 PLUMBING FIXTURE - SEE PLUMBING DRAWINGS

KEYNOTE DESCRIPTION

- A11 EPIC TRACKING MONITOR; COORDINATE WITH ELECTRICAL

DRAWING ISSUE

CONTRACT DOCUMENTS

NO.	DATE	DESCRIPTION
1	05.20.22	CD/BID DOCUMENTS BP#2
2	09.13.22	BP2 ADDENDUM 03

DRAWING TITLE

CS-ORMM ADMIN & STAFF SPACES

SEAL

JOB NUMBER

14590.01

A824

05/20/2022



PROJECT ARCHITECT
 609 West Main St.
 Louisville, KY 40202
 v 502.583.0700
 GBBN.COM



Renovate / Upgrade
 UK HealthCare
 Facilities
 Pavilion A Level B
 Project Number: 2239.77

OWNER

UNIVERSITY OF KENTUCKY
 HealthCare
 800 Rose Street
 Lexington, KY 40506

CONSULTANTS

STRUCTURAL ENGINEER
 Brown + Kubcan
 2224 Young Drive
 Lexington, KY 40505
 859.543.0933

MEP ENGINEER

CMTA Engineers
 2429 Members Way
 Lexington, KY 40504
 859.253.0892

SUPPLY CHAIN ENGINEER

St. Onge Company
 1400 Williams Road
 York, PA 17402
 717.840.8181

FOOD SERVICE

Rippe Associates
 10400 Yellow Cir Dr # 100
 Minnetonka, MN 55343
 952.933.0313

SECTION 26 2400**ELECTRICAL DISTRIBUTION EQUIPMENT****1. GENERAL**

- A. All electrical distribution equipment shall be dead front UL listed for the purpose and application. All equipment shall meet or exceed all applicable requirements of the National Electrical Code (N.E.C.). Any device or component, i.e., switchboard, panel, breaker, switch, etc., used as service entrance equipment, shall be listed for use at 100% of the rated capacity.

2. BRANCH PANELBOARDS

- A. This section covers lighting and power panelboards (refer to schedules, notes on Drawings and the Electrical One-Line Diagram, of the Contract Drawings).
- B. All panelboards shall be of the circuit breaker type, and shall be of one manufacturer.
- C. Branch panelboards shall be as indicated on the drawings and as specified herein. The lighting panelboards shall be of the dead-front, quick-make, quick-break, plug-in circuit breaker type, with trip indicating and trip free handles. All circuits shall be clearly and properly numbered and shall be provided with thermal magnetic protection. The panelboards shall be enclosed in code gauge, galvanized steel cabinets with smooth finished hinged doors without visible external fasteners and heavy chrome locks. Locks shall all be keyed alike. Each door shall have a directory card inside, covered with a plastic shield, filled in with black india ink or typewritten with circuit numbers and description indicated. Room numbers shall be coordinated with final room numbers as selected by Owner -- not numbers on Contract Documents.

Special Note: The room numbers used to fill out the panel directories shall match the actual final name and numbering scheme selected by the Owner. They shall not be filled out per the construction drawing numbering scheme, unless the Contractor is directed to do so by the Architect or Engineer.

Special Note: Panels are to have hinged trims in addition to hinged panel doors per UK Standards.

- D. Branch panelboards shall be surface or flush mounted as indicated on the Contract Drawings.
- E. Circuit breakers for 120/208 volt systems shall be of 10,000 A.I.C. RMS symmetrical rating unless otherwise indicated on the Contract Drawings.
- F. All main bus and connections thereto in branch panelboards shall be copper. All bus bars shall extend full length of panelboards.
- G. All circuit breakers used to switch lights shall be SWD (switching duty) rated and U.L. listed for the purpose.
- H. Where required by the National Electrical Code, provide branch arc-fault circuit interrupters (A.F.C.I.'s) in branch panelboards, whether indicated on the panel schedule or not. They shall be U.L. listed, latest edition.

- I. Where branch circuit breakers feed hermetically, sealed compressor for cooling or refrigeration equipment, provide U.L. listed H.A.C.R.-style circuit breakers.
- J. Where branch circuit breakers are indicated or required to be ground-fault circuit-interrupting type (G.F.C.I.), they shall have test and reset buttons and be U.L. listed, latest edition. Do not share neutrals with other circuits.
- K. Where branch circuit breakers are feeding H.I.D. (high-intensity-discharge) loads, they shall be rated and listed for such loads. Provide proper circuit breaker whether indicated on panel schedules or not.
- L. Arc Flash Hazard warning labels shall be affixed to all panelboards in accordance with Article 110.16 of the National Electrical Code.
- M. Panels shall be Square "D", G.E., Siemens or approved equivalent.
- N. Lockable breakers shall be provided for all breakers serving all HVAC equipment, Plumbing equipment, and kitchen appliances.
- O. Top fed panels are to be fed from the top and bottom fed panels are to be fed from the bottom. No feeders are to be routed in the side gutters inside the panel.

3. INSTALLATION INSTRUCTIONS

- A. Panelboards with circuit breakers installed before the building has been finished and cleaned shall be masked.
- B. All dust and debris shall be removed from the panels before they are energized and placed in service.
- C. All panelboard fronts shall be omitted until final punch list inspection is made. Directories for each panelboard shall be completed and available for review by the Engineer at that time.
- D. All service equipment shall be marked with the maximum available fault current and the date of the calculation. This information shall be obtained in writing from the serving utility. Provide label adjacent to the service disconnecting means. Document action of the fault current shall be included in the operation and maintenance manual. This labeling shall be provided for all new service installations, service upgrades, and any project that adds or replaces distribution panels or branch panel boards.

4. SAFETY SWITCHES

- A. Provide heavy duty safety switches as a final disconnecting means as required by NEC and/or as indicated on the Contract Drawings.
- B. All safety switches shall be NEMA Type 1, NEMA 3R, NEMA 4 stainless steel, NEMA 12, or as required by the operating environment, Heavy Duty Type HD, UL listed.
- C. All safety switches shall have switch blades that are fully visible in the "OFF" (open) position with the door open.
- D. All current carrying parts shall be plated by an electrolytic process to resist corrosion and to promote cooling.

- E. Switch mechanism shall be quick-make, quick-break, load break rated, such that during normal operation of the switch, the operation of the contacts shall not be capable of being restrained by the operating handle after the closing and opening action of the contacts has started. The handle and mechanism shall be an integral part of the box (not cover) with facilities for pad locking in the open or closed position with up to three padlocks. Switch doors shall be interlocked with switch handle so that the door can only be opened when the switch is in the "OFF" (open) position.
- F. Arc Flash Hazard warning labels shall be affixed to all switches in accordance with Article 110.16 of the National Electrical Code.
- G. Switches shall be as manufactured by Square D., G.E., Siemens or approved equivalent.

5. FUSES

- A. Upon completion of the building, the Contractor shall provide the owner with spare fuses as shown below. All fuses shall be Bussmann, Shawmut, Gould or Reliance.
 - (1) 10% (minimum of 3) of each type and rating of installed fuses shall be supplied as spares:
 - (2) Bussmann spare fuse cabinets - Catalog No. SFC - shall be provided to store the above spares.
- B. No fuses shall be installed in the equipment until the installation is complete, including tests and inspections required prior to being energized. All fuses shall be of the same manufacturer to insure retention of selective coordination, as designed.
- C. Circuits 601 to 6000 amperes shall be protected by current limiting BUSSMANN HI-CAP TIME DELAY FUSES KRP-C. Fuses shall employ "O" rings as positive seals between the end bells and the fuse barrel. Fuses shall be a time-delay type and must hold 500% of rated current for a minimum of 5 seconds, clear 20 times rated current in .01 seconds or less and be listed by Underwriter's Laboratories, Inc., with an interrupting rating of 200,000 amperes R.M.S. symmetrical. The fuses shall be UL Class L.
- D. Circuits 0 to 600 amperes shall be protected by current limiting BUSSMANN LOW-PEAK Dual Element Fuses, LPN-RK (250 volts) or LPS-RK (600 volts). All dual element fuses shall have separate overload and short circuit elements. Fuse shall incorporate a spring activated thermal overload element having a 284°F melting point alloy and shall be independent of the short-circuit clearing chamber. The fuse shall hold 500% of rated current for a minimum of 10 seconds and be listed by Underwriters Laboratories, Inc. with an interrupting rating of 200,000 amperes r.m.s. symmetrical. The fuses shall be UL Class RK1.
- E. Motor Circuits - All individual motor circuits rated 480 amperes or less shall be protected by BUSSMANN LOW PEAK DUAL-ELEMENT FUSES LPN-RK (250 volts) or LPS-RK (600 volts). The fuses for 1.15 service factor motors shall be installed in rating approximately 125% of motor full load current except where high ambient temperatures prevail, or where the motor drives a heavy revolving part which cannot be brought up to full speed quickly, such as large fans. Under such conditions the fuse should be 150% to 200% of the Type KRP-C HI-CAP Time Delay Fuses of the rating shown on the drawings. 1.0 service factor motors shall be protected by BUSSMANN LOW-PEAK Dual-Element Fuses LPN-RK (250 volts) or LPS-RK (600 volts) installed in rating approximately 115% of the motor full load current except as noted above. The fuses shall be UL Class RK1 or L.
- F. Circuit breaker panels shall be protected by BUSSMANN LOW-PEAK Dual Element fuses LPN-RK (250 volts) or LPS-RK (600 volts) as shown on the drawings. The fuses shall be UL Class RK1.

6. DISTRIBUTION TRANSFORMERS

- A. The Contractor shall provide dry-type transformers as manufactured by Square "D", G.E., Siemens, or equivalent. KVA ratings shall be as indicated on the electrical plans and shall have copper windings.
- B. Three phase transformers are to have 480 volt Delta primary and 120/208V/3Ø/4W secondary. 30 KVA transformers and larger are to be supplied with 2-22% full capacity taps above and (4) 2-1/2% full capacity taps below primary voltage. Exceptions to the above will be shown on the electrical plans.
- C. Transformers 30 KVA and above shall be Class H, 115°C. and shall have the ability to carry a continuous 15% overload without exceeding a 115°C rise above 40° ambient.
- D. Transformer coils shall be vacuum impregnated with non-hygroscopic, thermosetting varnish. Each layer shall have end fillers or tie downs to provide maximum mechanical strength. Insulation systems and their construction techniques shall be listed by Underwriters Laboratories.
- E. Transformer coils shall have a final wrap of electrical insulating material designed to prevent injury to the coil wire. Transformers having coils with magnet wire visible will not be acceptable.
- F. All cores to be manufactured from a high grade, non-aging, silicon steel with high magnetic permeabilities, low hysteresis and eddy current losses. Magnetic flux densities are to be kept well below saturation to allow for a minimum of 10% over voltage excitation. The cores shall be clamped with structural angles (formed angles not acceptable) and bolted to the enclosure to prevent damage during shipment or rough handling.
- G. The core and coil unit shall be completely isolated from the enclosure by means of a vibration isolating system and shall be so designed as to provide for continual securement of the core and coil unit to the enclosure. Sound isolating systems requiring the removal of all tie down facilities will not be acceptable.
- H. Transformers 15 KVA thru 45 KVA shall be provided with interchangeable mounting for floor or wall.
- I. The maximum top of case temperature shall not exceed 35°C above ambient.
- J. The entire transformer enclosure shall be degreased, cleaned, phosphatized, primed and finished with baked enamel.
- K. The core and coils shall be visibly grounded to the frame of the transformer cubicle by means of a flexible grounding strap of adequate size.
- L. Sound levels shall be guaranteed by the manufacturer and substantiated by certified tests on each unit furnished. The sound levels are not to exceed the following values: 10 to 45 KVA, 42 D.B. to 150 KVA; 45 D.B., 225 to 300 KVA; 50 D.B. and 500 KVA, 54 D.B.
- M. If a particular "K" rating is specified for a dry-type transformer, that rating shall be provided.
- N. Transformers shall be as manufactured by Square D, G.E., Siemens, Niagara or approved equivalent.

7. CONTACTORS

A. General

- (1) Contactors shall be continuously rated at the specified amperes per pole for all types of ballast and tungsten lighting, resistance and motor load. Contactors shall have totally enclosed, double-break silver-cadmium-oxide power contacts. Auxiliary arcing contacts will not be acceptable. Contact inspection and replacement shall be possible without disturbing line or load wiring. Contactors shall have straight-through wiring with all terminals clearly marked. Contactors shall have a gasketed NEMA Type 1 (NEMA 12 for electrically-held) enclosure, unless otherwise noted or required.
- (2) Contactors shall be approved per UL 508 and/or CSA, and be designed in accordance with NEMA Standards. They shall be industrial-duty rated for applications to 600 volts maximum. I.E.C.-style contactors are not acceptable.
- (3) Contactors shall have provisions for factory or field addition of:
 - a. Four N.O. or N.C. auxiliary contacts rated 6 amperes continuous at 600 volts.
 - b. Single or double circuit, N.O. or N.C., 30 or 60 ampere 600 volt power-pole adder.
 - c. Control-circuit fuse holder, one or two fuses.
 - d. 0.2-60 second adjustable interval timer attachment, if so indicated on plans.
 - e. Transient-suppression module for coil control circuit. Coil control to be 120 volts. Provide circuit or step-down transformer.

B. Electrically Held Lighting Contactors

- (1) Contactor coils shall be continuously rated and encapsulated, 120 volt rated. Enclosures shall be NEMA 12, to minimize noise transmission.

C. Mechanically Held Lighting Contactors

- (1) Coil-clearing contacts shall be supplied so that the contactor coils shall be energized only during the instance of operation. Both latch and unlatch coils shall be encapsulated. Coils shall be rated for 120 volt operation.
- (2) Lighting contactors shall be Square D Class 8903 or equivalent by G.E., Siemens, or Allen-Bradley.

END OF SECTION

THIS PAGE INTENTIONALLY BLANK

TAGGED NOTES
 L15 CONNECT NEW FIXTURES TO EXISTING NORMAL POWER CORRIDOR LIGHTING CIRCUIT SERVING THIS SPACE.



PROJECT ARCHITECT
 332 E. 8th ST.
 Cincinnati, OH 45202-2217
 v 513.241.8700
 GBBN.COM

UK HealthCare
 Renovate / Upgrade
 UK Healthcare
 Facilities
 Pavilion A Level B
 Project Number:
 2239.77

OWNER
University of Kentucky

222 Peterson Service Building
 Lexington, KY 40506

CONSULTANTS

MEP ENGINEERS
 CMTA Engineers
 2429 Members Way
 Lexington, KY 40504
 859.253.0892

SUPPLY CHAIN ENGINEER
 St. Onge Company
 1400 Williams Road
 York, PA 17402
 717.840.8181

FOOD SERVICE
 Rippe Associates
 10400 Yellow Cir Dr #100
 Minnetonka, MN 55343
 952.933.0313

STRUCTURAL ENGINEER
 Brown + Kubican
 2224 Young Drive
 Lexington, KY 40505
 859.543.0933

DRAWING ISSUE

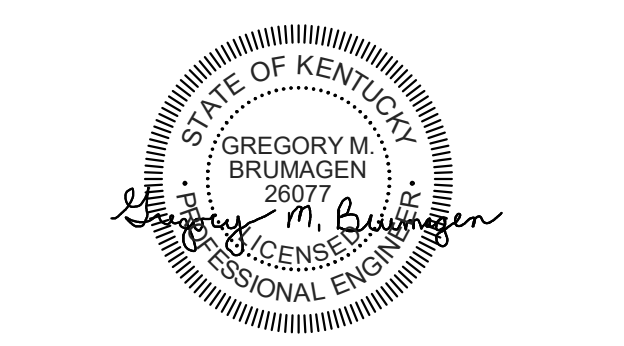
CONTRACT DOCUMENTS

NO	DATE	DESCRIPTION
1	05.20.22	CO/BID DOCUMENTS BP#2
2	9.13.22	BP2-ADD#3

DRAWING TITLE

**LEVEL 0B - LIGHTING -
 NEW WORK - AREA A -
 PHASE 6**

SEAL

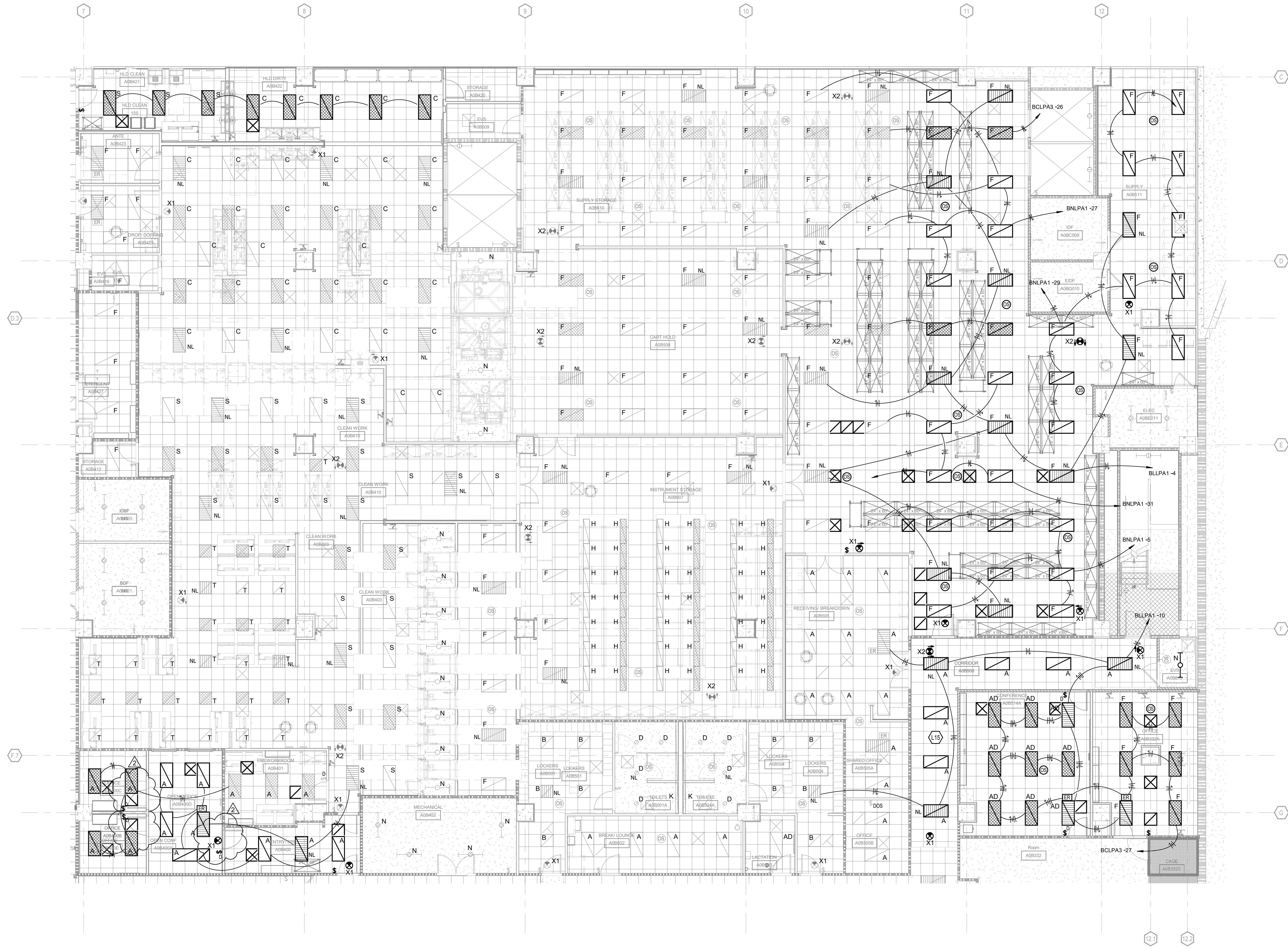


JOB NUMBER

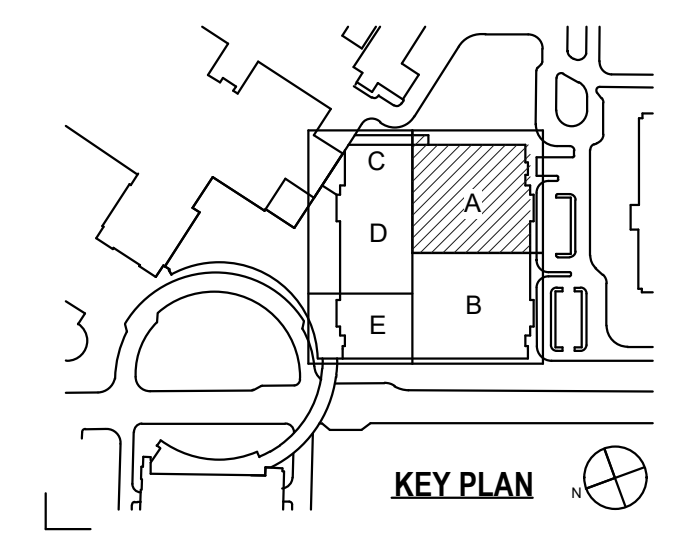
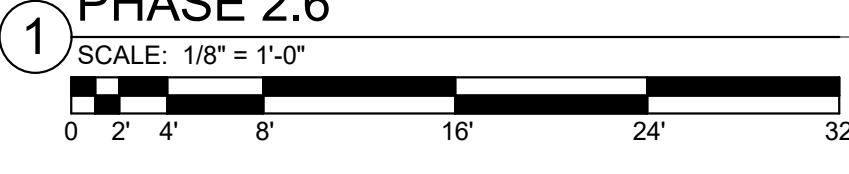
14590.01

E46B-A

02/04/2022



**LEVEL 0B - NEW WORK LIGHTING - AREA A -
 PHASE 2.6**



8/12/2022 3:18:09 PM BIM 360://UK - Pavilion A - Level B Support Services/Revolution/2022/04/02/20 Center File.rvt

KITCHEN - ADDITIONAL TRENCH DRAIN | PAVILION A, 1000 S. LIMESTONE, LEXINGTON, KY 40536

TAGGED NOTES

- E85 EXISTING CONDUIT RACK TO REMAIN.
- E103 COORDINATE RECEPTACLE LOCATION WITH MONITOR/MOUNT PRIOR TO ROUGH IN.
- E105 NEMA 5-15R RECEPTACLE TO BE MOUNTED ABOVE MEDIATOR ENDOSCOPE SYSTEM. COORDINATE LOCATION WITH EQUIPMENT VENDOR PRIOR TO ROUGH IN.
- E106 PLACE DISCONNECT ON EMERGENCY POWER BUSUCT AND RUN FEEDER TO TRANSFORMER BCHTA2 IN MECHANICAL ROOM A8B402. REFER TO ONE-LINE DIAGRAM ON SHEET E71B FOR ADDITIONAL INFORMATION.
- E109 COORDINATE RECEPTACLE HEIGHT AND LOCATION WITH UNDERCOUNTER FRIDGE PRIOR TO ROUGH-IN.
- E110 COORDINATE RECEPTACLE HEIGHT AND LOCATION WITH COFFEE MAKER PRIOR TO ROUGH-IN.
- E139 COORDINATE RECEPTACLE HEIGHTS WITH SINK EQUIPMENT LOCATIONS ABOVE BACKSPASH. RECEPTABLES SHALL BE MOUNTED IN WALL ABOVE 4'-6" AFF TO ACCOMMODATE TALLEST SINK HEIGHT.
- E143 CONTRACTOR TO TAKE EXTRA MEASURES TO ENSURE DUST/DEBRIS DOES NOT ENTER COMMUNICATIONS ROOMS DURING CONSTRUCTION. COMMUNICATIONS ROOMS SHALL REMAIN UP AND RUNNING THE FULL DURATION OF CONSTRUCTION.
- E144 COORDINATE RECEPTACLE HEIGHT AND LOCATION GENSTRAC MONITOR PRIOR TO ROUGH-IN. REFER TO ARCHITECTURAL SHEETS FOR ADDITIONAL INFORMATION.
- E145 NO WORK IN HATCHED AREA FOR BID PACK 2.
- E147 RECEPTACLE TO BE MOUNTED INSIDE WALL BOX BEHIND DISPLAY. LOCATION WITH MECHANICAL DRAWINGS PRIOR TO ROUGH-IN.
- E149 PROVIDE 120V CONNECTION FOR TRAP PRIMER. COORDINATE LOCATION WITH MECHANICAL DRAWINGS PRIOR TO ROUGH-IN.
- E153 FLOORBOX SHALL CONTAIN QUAD FOR POWER, 2D DATA DROP, HDMI CONNECTION PORT. RUN (1) 1/4" CONDUIT FROM FLOORBOX TO DISPLAY WITH PULL STRING FOR FUTURE AV CONNECTION. (1) 3/4" CONDUIT FROM FLOOR BOX TO WALL AND MAKE CIRCUIT CONNECTION TO DISPLAY. (2) 1" CONDUIT FROM FLOORBOX TO WALL AND UP TO NEAREST CABLE TRAY FOR DATA CABLES. SEE DETAIL #5 ON ELECTRICAL SHEET E708-A FOR ADDITIONAL DETAILS. FLOORBOX SHALL BE LEGRAND WIREMOLD EVOLUTION SERIES.
- E156 EXTEND EXISTING CIRCUIT TO NEW RECEPTACLE LOCATION. REFER TO DEMOLITION PLAN FOR PREVIOUS LOCATION.
- E159 POWER TO BE INSTALLED IN CHEF BOX FOR AV SYSTEMS. REFER TO CONFERENCE ROOM DETAIL ON SHEET E708-A.



PROJECT ARCHITECT
 332 E. 8th ST.
 Cincinnati, OH 45202-2217
 v 513.241.8700
 gbn.com

UK HealthCare
 Renovate / Upgrade
 UK Healthcare
 Facilities
 Pavilion A Level B
 Project Number:
 2239.77

OWNER
 University of Kentucky

222 Peterson Service Building
 Lexington, KY 40506

CONSULTANTS
MEP ENGINEERS
 CMTA Engineers
 2429 Members Way
 Lexington, KY 40504
 859.253.0892

SUPPLY CHAIN ENGINEER
 St. Onge Company
 1400 Williams Road
 York, PA, 17402
 717.840.8181

FOOD SERVICE
 Rippe Associates
 10400 Yellow Cir Dr #100
 Minnetonka, MN 55343
 952.933.0313

STRUCTURAL ENGINEER
 Brown + Kubican
 2224 Young Drive
 Lexington, KY 40505
 859.543.0933

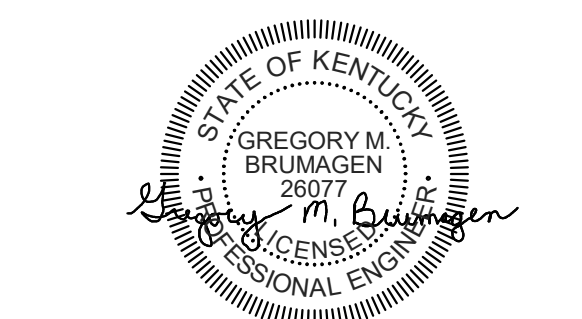
DRAWING ISSUE

CONTRACT DOCUMENTS

NO	DATE	DESCRIPTION
1	05.20.22	COBID DOCUMENTS BP#2
2	9.13.22	BP2- ADD#3

DRAWING TITLE
 LEVEL 0B - POWER -
 NEW WORK - AREA A -
 PHASE 6

SEAL

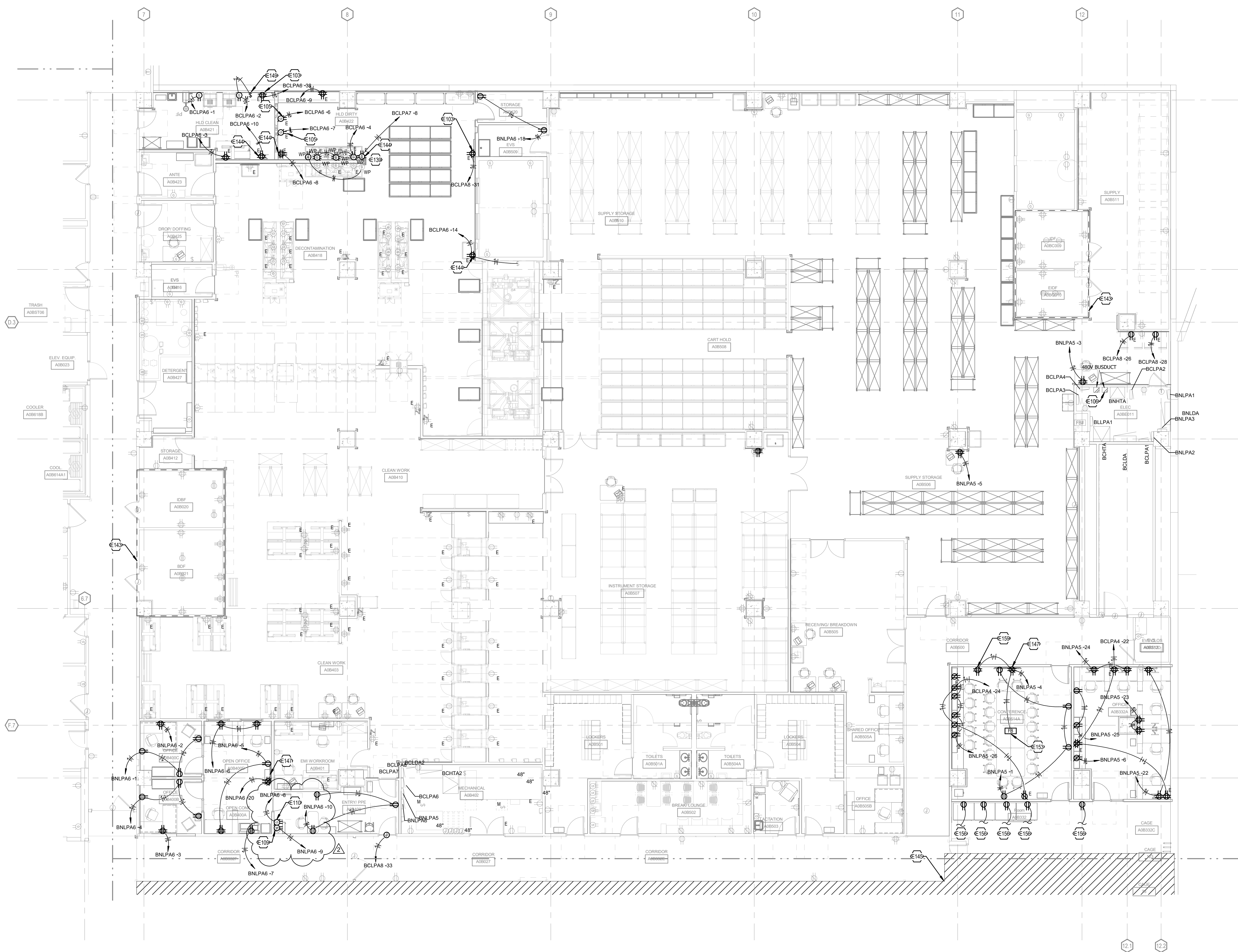


JOB NUMBER

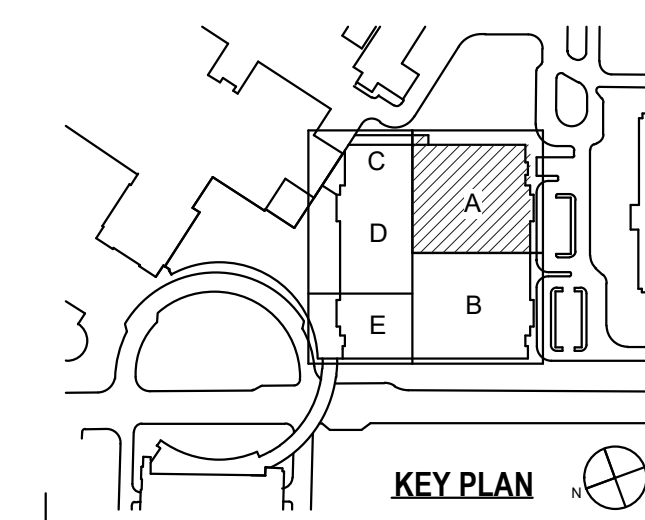
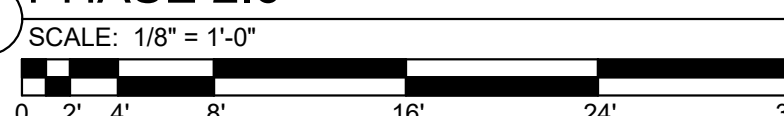
14590.01

E56B-A

02/04/2022



LEVEL 0B - NEW WORK - POWER - AREA A - PHASE 2.6



B:\2023\UK - Pavilion A - Level B Supply Services\Renovation\2023\XRF20\Center Files\1

KITCHEN - ADDITIONAL TRENCH DRAIN | PAVILION A, 1000 S. LIMESTONE, LEXINGTON, KY 40536



PROJECT ARCHITECT
 332 E. 8th ST.
 Cincinnati, OH 45202-2217
 v 513.241.8700
 GBBN.COM



Renovate / Upgrade
 UK Healthcare
 Facilities
 Pavilion A Level B
 Project Number:
 2239.77

LEXINGTON, KY 40536

OWNER

University of Kentucky

222 Peterson Service Building
 Lexington, KY 40506

CONSULTANTS

MEP ENGINEERS

CMTA Engineers
 2429 Members Way
 Lexington, KY 40504
 859.253.0892

SUPPLY CHAIN ENGINEER

St. Onge Company
 1400 Williams Road
 York, PA 17402
 717.840.8181

FOOD SERVICE

Rippe Associates
 10400 Yellow Cir Dr #100
 Minnetonka, MN 55343
 952.933.0313

STRUCTURAL ENGINEER

Brown + Kubican
 2224 Young Drive
 Lexington, KY 40505
 859.543.0933

DRAWING ISSUE

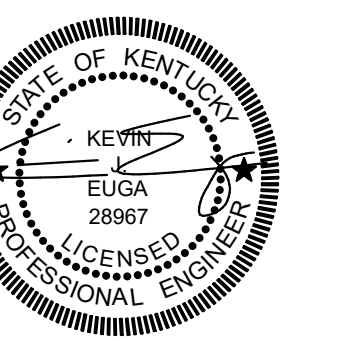
CONTRACT DOCUMENTS

NO	DATE	DESCRIPTION
1	05.20.22	CD/BID DOCUMENTS BP#2
2	9.13.22	BP2- ADD#3

DRAWING TITLE

**LEVEL 0B - HYDRONICS
 PLAN -AREA A - PHASE
 6**

SEAL



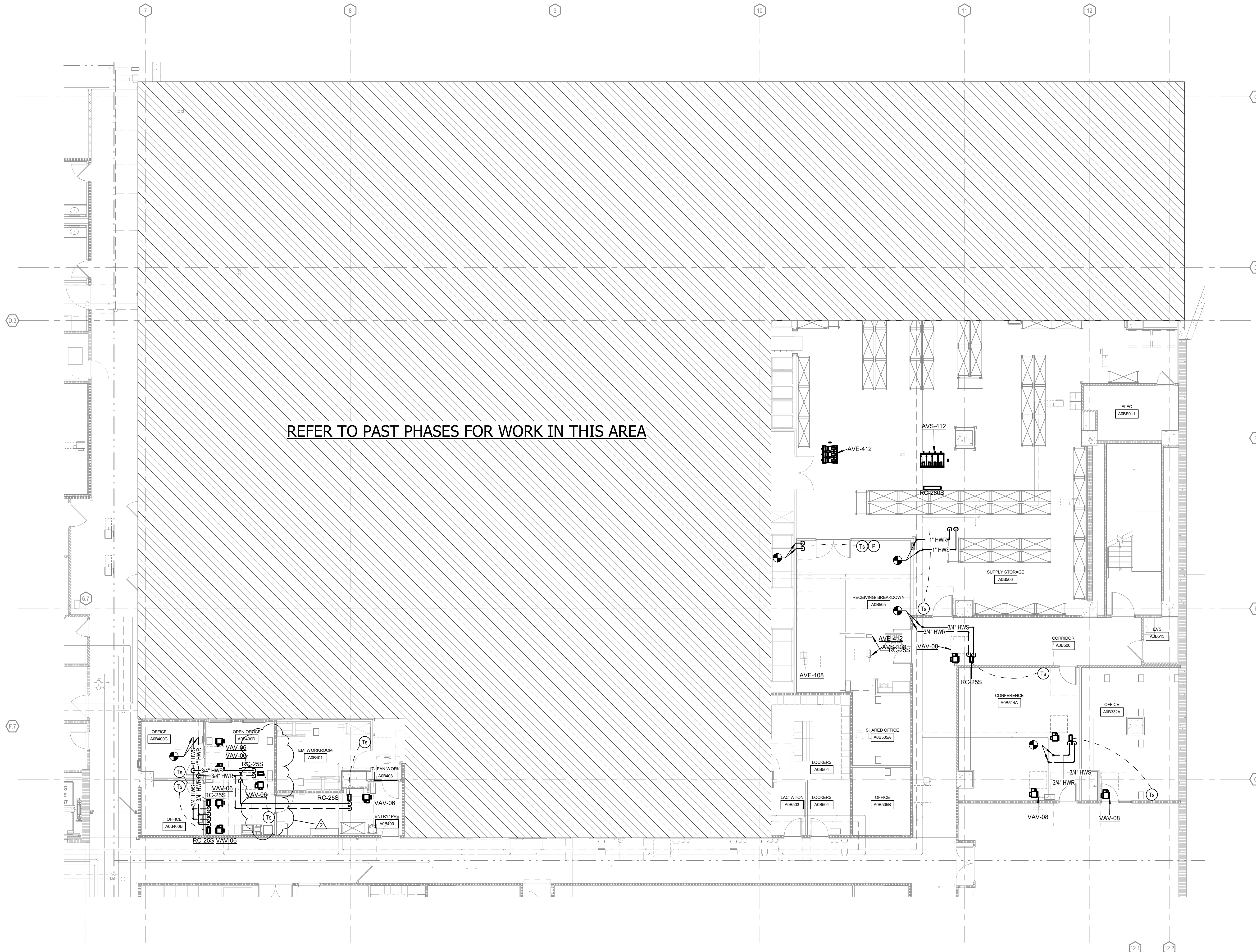
JOB NUMBER

14590.01

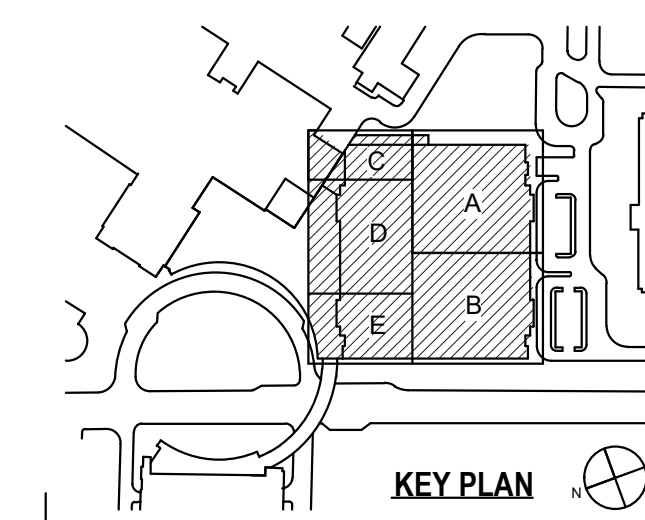
M36B-A

02/04/2022

TAGGED NOTES



**LEVEL 0B - HYDRONICS PLAN - AREA A -
 PHASE 6**
 SCALE: 1/8" = 1'-0"
 0 2 4 8 16 24 32



B:\14590\UK - Pavilion A - Level B Support Services\Renovation\2020\XREF\20_Center Floor.rvt 01/20/22 3:28:14 PM BIM 360://UK - Pavilion A - Level B Support Services\Renovation\2020\XREF\20_Center Floor.rvt

NO	DATE	DESCRIPTION
1	05.20.22	C0(B)B DOCUMENTS #P#2
2	9.13.22	BP2-ADD#3

WATER COOLED SCHEDULE MODULAR CHILLER SCHEDULE

MARK	TYPE	MANUFACTURER	MODEL #	SERVICE	DIMENSIONS (IN)				FLUID TYPE	COOLING CAPACITY (TONS)	COMPRESSOR				EVAPORATOR				CONDENSER				ACCESSORIES				REMARKS			
					LENGTH	WIDTH	HEIGHT	WEIGHT (LBS)			VOLTAGE	PHASE	MCA	MOCP	STARTER	EWT (°F)	LWT (°F)	GPM	FLUID PD (FT HD)	FOULING FACTOR	EWT (°F)	LWT (°F)	GPM	FLUID PD (FT HD)	FOULING FACTOR	MARINE WATER BOX		HEAD PRESSURE CONTROL VALVE	BUILT IN SERVICE DISCONNECT FOR CHILLER STARTER	IEEE HARMONIC FILTER ON VFD'S
CH-CS	SKID-MOUNT MODULAR WATER-COOLED CHILLER	MULTISTACK	MSS020VCAA	DECONTAM AHU	40	56	75	2100	WATER	22.0	208 V	3	61 A	90	Yes	50	40	53	11.00	0.0001	70	60	61	10.50	0.00025		Yes	Yes	Yes	ALL

REMARKS:
1. PROVIDE INTEGRAL DISCONNECT AND SINGLE-POINT POWER CONNECTION.
2. R410 REFRIGERANT.
3. PROVIDE INSULATED HEAT EXCHANGERS.
4. VARIABLE-SPEED COMPRESSORS WITH 8:1 TURNDOWN.
5. CHILLED WATER AND CONDENSER WATER CONNECTIONS ON SAME SIDE.
6. PROVIDE INTEGRAL CONTROL PANEL WITH BACNET INTERFACE. INTEGRATE INTO BAS.

LOOP FILTER SCHEDULE

MARK	MANUFACTURER	MODEL #	GPM	P.D. (PSI)	DIAMETER (IN)	HEIGHT (IN)	REMARKS
LF-1	HARMSCO	HUR-40	10	0.50	13	20	ALL

REMARKS:
1. PROVIDE MOUNTING LEGS AND DRAIN VALVE.

AIR HANDLING UNIT SCHEDULE

MARK	MANUFACTURER	MODEL #	SERVICE	LOCATION	PHYSICAL DATA				TOTAL SA CFM	FAN MOTOR TYPE	# OF FANS	FAN RPM	E.S.P. (° WC)	T.S.P. (° WC)	SUPPLY FAN			REMARKS				
					WIDTH (IN)	LENGTH (IN)	HEIGHT (IN)	WEIGHT (LBS)							RATED H.P. (PER FAN)	B.H.P. (PER FAN)	VOLTS					
AHU-B-DC-1	CLIMATE CRAFT	CAH60X86E	DECONTAMINATION	A06402	82	173	74	8000	PLENUM	4	3877	3.75	4.73	5	2.40	208 V	3	74 A	MOCP 150	VFD Yes	OP. FREQ. 60	ALL

AIR HANDLING UNIT SCHEDULE - CHILLED WATER COIL

MARK	COOLING CAPACITY (MBH)	COOLING CAPACITY SENSIBLE (MBH)	EAT DB (°F)	EAT WB (°F)	LAT DB (°F)	LAT WB (°F)	MAX. FACE VELOCITY (FPM)	MAX. AIR PRESSURE DROP (IN. WG)	EWT (°F)	LWT (°F)	WATER FLOW RATE (GPM)	MAX. WATER PRESSURE DROP (FT)	MAX. COIL ROWS	NO. OF COILS	MAX. FIN SPACING (FINS/IN)
AHU-B-DC-1	240.0	110.0	57	56	44	44	392	0.75	40	50	47	12.00	10	2	9

NOTES:
1. SITE BUILT AIR HANDLING UNIT SHALL BE PROVIDED WITH TOP INTAKE AIR OPENING, ACCESS SECTION, LOW TEMP CHILLED WATER COOLING COIL, ACCESS SECTION, SUPPLY FAN ARRAY AND DISCHARGE PLENUM WITH TOP DUCT CONNECTION.
2. PROVIDE PREMIUM EFFICIENT MOTOR COMPLETE WITH TYPE II INSULATION.
3. REFER TO AHU SECTION DETAIL FOR DOOR, COIL CONNECTIONS AND HUMIDIFIER SIDE LOCATION.
4. UNIT SHALL HAVE THE FOLLOWING ELECTRICAL POWER CONNECTIONS: (1) 208V/3PH SUPPLY FAN VFD, (1) 120V/1PH TO INTERIOR LIGHTS VIA FACTORY MOUNTED EXTERNAL J-BOX, AND 120V/1PH TO BI-POLAR IONIZATION VIA FACTORY MOUNTED EXTERNAL J-BOX.
5. PROVIDE ACCESS RAIL AT FAN ARRAY FOR FAN REMOVAL.
6. PROVIDE STAINLESS STEEL DRAIN PANS AT COOLING COIL SECTION.
7. PROVIDE BI-POLAR IONIZATION UPSTREAM OF COOLING COIL.
8. PROVIDE INDIVIDUAL BACKDRAFT DAMPERS AT ALL FANS.
9. N+1 FAN ARRANGEMENT ON SUPPLY FAN ARRAYS.
10. FAN ARRAY VFD'S, DAMPER ACTUATORS, AND ALL OTHER CONTROLS APPURTENANCES TO BE PROVIDED BY CONTROLS CONTRACTOR.

REGISTERS, GRILLES, AND DIFFUSERS

MARK	MANUFACTURER	MODEL #	TYPE	GRILLE SIZE	PANEL SIZE	DUCT INLET SIZE	DUCT BRANCH SIZE	MAX CFM	P.D.	NOISE CRITERIA	THROW PATTERN
E-1	TITUS	PAR-AA	ALUMINUM, PERFORATED CEILING RETURN GRILLE	24"x24"	24"x24"	6"	6"	100	0.10	25	N/A
E-2	TITUS	PAR-AA	ALUMINUM, PERFORATED CEILING RETURN GRILLE	24"x24"	24"x24"	8"	8"	225	0.18	25	N/A
E-3	TITUS	PAR-AA	ALUMINUM, PERFORATED CEILING RETURN GRILLE	24"x24"	24"x24"	10"	10"	400	0.23	25	N/A
E-4	TITUS	PAR-AA	ALUMINUM, PERFORATED CEILING RETURN GRILLE	24"x24"	24"x24"	12"	12"	600	0.20	25	N/A
E-6	TITUS	PAR	ALUMINUM RETURN GRILLE, BLADES AT 3/4" SPACING, 36 DEG. FIXED DEFLECTION, BLADES PARALLEL TO LONG DIMENSION	14"x14"	14"x14"	12"x12"	SEE DWGS	732	0.07	20	N/A
E-7	TITUS	350FL	ALUMINUM RETURN GRILLE, BLADES AT 3/4" SPACING, 36 DEG. FIXED DEFLECTION, BLADES PARALLEL TO LONG DIMENSION	14"x14"	14"x14"	12"x12"	SEE DWGS	732	0.07	20	N/A
R-1	TITUS	PAR-AA	ALUMINUM, PERFORATED CEILING RETURN GRILLE	24"x24"	24"x24"	6"	6"	100	0.10	25	N/A
R-2	TITUS	PAR	ALUMINUM, PERFORATED CEILING RETURN DIFFUSER	24"x24"	24"x24"	8"	8"	225	0.18	20	N/A
R-5	TITUS	PAR	ALUMINUM, PERFORATED CEILING RETURN DIFFUSER	24"x24"	24"x24"	14"	14"	900	0.05	25	N/A
R-6	TITUS	PAR	ALUMINUM, PERFORATED CEILING RETURN DIFFUSER	24"x24"	24"x24"	16"	16"	1200	0.11	28	N/A
R-7	TITUS	350FL	ALUMINUM RETURN GRILLE, BLADES AT 3/4" SPACING, 36 DEG. FIXED DEFLECTION, BLADES PARALLEL TO LONG DIMENSION	14"x14"	14"x14"	12"x12"	SEE DWGS	732	0.07	20	N/A
S-1	TITUS	PAS-AA	ALUMINUM, PERFORATED CEILING SUPPLY DIFFUSER	24"x24"	24"x24"	6"	6"	100	0.10	25	4-WAY
S-2	TITUS	PAS-AA	ALUMINUM, PERFORATED CEILING SUPPLY DIFFUSER	24"x24"	24"x24"	8"	8"	225	0.18	25	4-WAY
S-3	TITUS	PAS-AA	ALUMINUM, PERFORATED CEILING SUPPLY DIFFUSER	24"x24"	24"x24"	10"	10"	600	0.18	25	4-WAY
S-4	TITUS	PAS-AA	ALUMINUM, PERFORATED CEILING SUPPLY DIFFUSER	24"x24"	24"x24"	12"	12"	900	0.20	25	4-WAY
SG-1	TITUS	111RL	STEEL AEROBLADE SINGLE DEFLECTION DUFFLY GRILLE, 1.25" SPACING, BLADES PARALLEL TO LONG DIMENSION	12"x12"	12"x12"	10"x10"	10"x10"	500	0.03	11	3-WAY

REMARKS (APPLICABLE TO ALL ITEMS IN SCHEDULE):
1. COLOR AND FINISH TO BE SELECTED BY ARCHITECT.
2. NOT ALL SCHEDULE ITEMS MAY BE INCLUDED IN THIS BID PACKAGE. REFER TO PLANS.

VAV/CAV BOX SCHEDULE

MARK	MANUFACTURER	MODEL #	BOX TYPE	INLET SIZE	INLET STATIC PRESSURE @ MAX. CFM (° WG)	MAX RADIATED NC	MAX. CFM	REMARKS
VAV-06	NAILOR	D3001	SUPPLY	8"	0.75	25	400	ALL
VAV-08	NAILOR	D3001	SUPPLY	8"	0.75	25	700	ALL
VAV-10	NAILOR	D3001	SUPPLY	10"	0.75	25	1100	ALL
VAV-12	NAILOR	D3001	SUPPLY	12"	0.75	25	1600	ALL
VAV-14	NAILOR	D3001	SUPPLY	14"	0.75	25	2100	ALL

REMARKS:
1. MAXIMUM N.C. VALUE OF 25.
2. PROVIDE DUAL WALL VAV BOX WITH 1" INSULATION.
3. REHEAT COIL IS DUCT MOUNTED.
4. VAV SHALL INCLUDE CFM READING WITH +/-5% ACCURACY.

HOT WATER REHEAT COIL SCHEDULE

MARK	COIL SIZE	CFM	AIR PRESSURE DROP (IN WC)	EAT (°F)	LAT (°F)	GPM	WATER PRESSURE DROP (FEET HEAD)	EWT (°F)	LWT (°F)	CAPACITY (MBH)	RUNOUT PIPE SIZE (IN)	REMARKS
RC-11S	8"x8"	110	0.01	55	90	0.20	0.10	180	140	3.0	1/2	ALL
RC-25S	12"x9"	250	0.10	55	90	0.80	0.40	180	140	15.0	1/2	ALL
RC-40S	12"x12"	400	0.14	55	90	1.20	1.10	180	140	23.9	1/2	ALL
RC-110S	20"x15"	1100	0.11	55	90	1.50	1.30	180	140	29.9	3/4	ALL
RC-280S	24"x24"	2800	0.11	55	90	3.40	5.30	180	140	67.9	1	ALL

REMARKS:
1. ALL COILS SUPPLIED MUST CONFORM TO UNIVERSITY OF KENTUCKY STANDARD COIL REQUIREMENTS. TUBE THICKNESS: 0.035". FIN THICKNESS: 0.0075".
2. UNIVERSITY ECM REQUIRES HOT WATER RESET BACK TO 140 DEG. REHEAT COILS MUST BE SIZED SUCH THAT THEY CAN PROVIDE MINIMUM 75 DEGREE DISCHARGE AT THE LISTED CFM WITH AN ENTERING WATER TEMPERATURE OF 160 DEGREES.

HEAT EXCHANGER PLATE & FRAME WATER TO WATER

MARK	MANUFACTURER	MODEL #	WIDTH (IN)	LENGTH (IN)	HEIGHT (IN)	HEAT TRANSFER (MBH)	COLD SIDE (50% GLYCOL)			HOT SIDE (WATER)			FOULING FACTOR	REMARKS		
							GPM	EWT (°F)	LWT (°F)	PD (PSI)	GPM	EWT (°F)			LWT (°F)	PD (PSI)
HX-CHCS	BELL & GOSSETT	AP14	12	16	42"	310.0	62	48	59	10.00	62	70	60	10.00	0.00001	ALL

REMARKS:
1. 316 STAINLESS STEEL PLATES, 0.5MM THICKNESS.
2. HEAT EXCHANGER SHALL BE RATED FOR 150 PSI.
3. AHRI CERTIFIED HEAT EXCHANGER.

VENTURI VALVE SCHEDULE

MARK	MANUFACTURER	MODEL #	AIR TYPE	DUCT INLET	VALVE MINIMUM CAPACITY (CFM)	VALVE MAXIMUM CAPACITY (CFM)	MIN. INLET STATIC PRESSURE (° WC)
AVE-108	PHOENIX CONTROLS	BEV-A108	RETURN/EXHAUST	8" DIA.	35	500	0.30
AVE-212	PHOENIX CONTROLS	BEV-A212	RETURN/EXHAUST	12" DIA (QTY. 2)	180	2100	0.30
AVE-214	PHOENIX CONTROLS	BEV-A214	RETURN/EXHAUST	14" DIA (QTY. 2)	400	2800	0.30
AVE-412	PHOENIX CONTROLS	BEV-A412	RETURN/EXHAUST	12" DIA (QTY 4)	360	5600	0.30
AVS-108	PHOENIX CONTROLS	BSV-A108	SUPPLY	8" DIA.	35	500	0.30
AVS-214	PHOENIX CONTROLS	BSV-A214	SUPPLY	14" DIA (QTY. 2)	400	2800	0.30
AVS-412	PHOENIX CONTROLS	BSV-A412	SUPPLY	12" DIA (QTY 4)	360	5600	0.30

REMARKS (APPLICABLE TO ALL ITEMS IN SCHEDULE):
1. LOW PRESSURE VENTURI VALVE.

FAN COIL SCHEDULE

MARK	TYPE	MANUFACTURER	MODEL #	WEIGHT	SUPPLY FAN				COOLING COIL													
					NOM. CFM	ESP (IN WC)	DRIVE	MOTOR HP	MCA	VOLTAGE	PHASE	EAT DB (°F)	LAT DB (°F)	EAT WB (°F)	LAT WB (°F)	TOTAL COOLING CAPACITY (MBH)	SENSIBLE COOL CAPACITY (MBH)	EWT (°F)	LWT (°F)	GPM	WPD (IN. WG)	
FCU-1	CHILLED WATER	IEC	CX804	128	450	0.00	DIRECT	0.08	2 A	115 V	1	75	54	63	53	53	13.3	10.3	38	51	4	3.60
FCU-2	CHILLED WATER	IEC	CPV04	70	530	0.00	DIRECT	0.08	2 A	115 V	1	75	55	63	53	53	14.5	11.5	45	52	4	3.58

NOTES:
1. PROVIDE SINGLE-POINT POWER CONNECTION AND DISCONNECT.
2. COOLING-ONLY UNIT.

HYDRONIC PUMP SCHEDULE

MARK	MANUFACTURER	MODEL	TYPE	SERVICE	GPM	PRESSURE (FEET HEAD)	IMPELLER DIAMETER (IN)	VFD	MINIMUM EFFICIENCY (%)	RPM	ELECTRICAL DATA						SUCTION DIFFUSER	REMARKS
											HZ	HP	BRAKE HP	VOLTAGE	PHASE	PHASE		
P1-CHW-CHCS	BELL & GOSSETT	BG-E80-200AAC-075-1725-1	IN-LINE CENTRIFUGAL PUMP	CHILLED WATER	60	25.00	0'-5 1/4"	Yes	73.8	1800	60	0.75	0.532	208 V	1	YES	ALL	
P2-CHW-CHCS	BELL & GOSSETT	BG-E80-200AAC-075-1725-1	IN-LINE CENTRIFUGAL PUMP	CHILLED WATER	60	25.00	0'-5 1/4"	Yes	73.8	1800	60	0.75	0.532	208 V	1	YES	ALL	
P1-CW-CHCS	BELL & GOSSETT	BG-E80-200AB-150-1725-1	IN-LINE CENTRIFUGAL PUMP	CONDENSER WATER	68	30.00	0'-6 1/4"	Yes	70.4	1534	60	1.5	0.727	208 V	1	YES	ALL	
P2-CW-CHCS	BELL & GOSSETT	BG-E80-200AB-150-1725-1	IN-LINE CENTRIFUGAL PUMP	CONDENSER WATER	68	30.00	0'-6 1/4"	Yes	70.4	1534	60	1.5	0.727	208 V	1	YES	ALL	

NOTES:
1. PROVIDE SINGLE-POINT POWER CONNECTION AND DISCONNECT.
2. PROVIDE SHAFT GROUNDING RINGS FOR VARIABLE SPEED OPERATION.
3. PROVIDE INLET STRAINER, CHECK VALVE, AND ISOLATION VALVES.

VARIABLE FREQUENCY DRIVE SCHEDULE

MARK	MANUFACTURER	MODEL #	SERVICE	MOTOR HP	VOLTAGE	ELECTRICAL		FUSED AND DISCONNECT	BYPASS STARTER	REDUNDANT DRIVE
						PHASE	HZ			
VFD-CHWP-1	ABB									