{9.09} Polymer Bow-Tie[™] **Dunnage Racks**

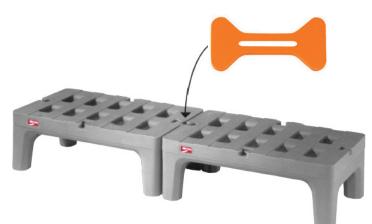


- Easy-to-Clean: Smooth rotomolded polymer offers snag-free surfaces and promotes easy cleaning.
- Versatile: Racks join together easily without tools in "end-to-end" and "back-to-back" configurations with the exclusive Bow-Tie[™] feature.
- Durable: Rust and corrosion proof polymer construction.
- Strong: Heavy-duty construction gives racks the strength to hold up to 3,000 lbs. per unit.
- Unique Design: Racks have front-to-back slots for easier loading and unloading and superior air flow which promotes longer shelf life.
- Packaged for Easy Shipping
- No Assembly Required
- NSF Listed
- Microban[®] Antimicrobial Product Protection* Cart body has built-in *Microban® antimicrobial product protection to help fight the growth of stain and odor-causing bacteria, fungi, mold, and mildew to keep product cleaner between cleanings..
- Not sold in Canada.









Racks joined in "end-to-end" configuration.



MICROBAN® and the MICROBAN® symbol are registered trademarks of the Microban® Products Company, Huntersville, NC Microban® product protection does not by itself protect a user from food borne illness. Product must be routinely cleaned.



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LO2-105A | 10/24

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

{9.09} Polymer Bow-Tie[™] Dunnage Racks





Bow-Tie® Polymer Tie (1) Included with each rack.



Racks joined in "end-to-end" and "back-to-back" configuration.

Specifications

- Rotationally molded polyethylene construction
- Slotted top for air circulation
- Slots run front to back for easy loading and unloading
- All rack edges have generous radius to prevent product snagging or marking
- Weight capacity: 30" and 36" racks 1,500 lbs. 48" and 60" racks 3,000 lbs.
- Each rack provided with separate polymer tie for joining racks in "end-to-end" and "back-to-back" configurations. Rack has a recess centered each side of top surface to accept polymer tie.
- Joining system tie drops in and is removed from top without the use of tools.

Polymer Bow-Tie[™] Dunnage Racks

Le (in.)	ength (mm)	He (in.)	eight (mm)		orox. . Wt. (kg)	Capa (Ibs.)	city (kg)	Cat. No. Microban®	Cat. No. Standard
30	760	12	305	24	10.8	1500	68	HP2230PDMB	HP2230PD
36	914	12	305	26	11.7	1500	68	HP2236PDMB	HP2236PD
48	1219	12	305	34	15.3	3000	136	HP2248PDMB	HP2248PD
60	1524	12	305	42	19	3000	136	HP2260PDMB	HP2260PD

Microban models not sold in Canada.



Foodservice Design Professionals

Item #

Job





MetroMax Q® Polymer / Wire Shelving

Quick-to-adjust, corrosion resistant shelving constructed of removable polymer open grid shelf mats, wire shelf frames, and corner releases. Shelf frames and steel posts have an epoxy coating over an electroplated substrate. Shelves offer a 20 year warranty against rust and corrosion. Polymer posts are rust proof. Microban® antimicrobial product protection is built into the shelf mats and posts. Shelf has a rigid four-sided frame with center truss(es). Robust corner provides complete 360° capture of the wedge and post for added stability. Stationary units have maximum capacity of 2,000 lbs. (907kg) evenly distributed. Mobile units (with stem casters) offer a maximum total unit load of 900 lbs. (408kg). Units assemble easily — shelves mount on four one-piece wedges along grooved, numbered posts and adjust on 1" (25mm) increments.

- Forever Strong: Proven corner connection and four-sided shelf frame with center truss(es) assures stability and strength in stationary, mobile, and high-density track shelving configurations.
 800 lbs. (363kg) per shelf for lengths of 24" to 48" (610 to 1219mm) 600 lbs. (272kg) per shelf for lengths of 54" (1372mm) or longer Stationary unit: 2000lbs (907kg) evenly distributed.
 Mobile unit (with stem casters): Up to 900lbs. (408kg).
 Multiply the caster load rating by 3 to determine actual rating.
- Long life Rust Resistance: Shelves offer a 20 year limited corrosion warranty and are combined with rust proof polymer posts.
- Easy to Clean and Maintain: Polymer mats can be easily removed and cleaned in a sink or commercial washer / dish machine.
- Microban® Antimicrobial Product Protection is built into the shelf mats and posts to inhibit the growth of bacteria, mold, mildew, and fungus that cause odors and product degradation. Microban product protection keeps the product "cleaner between cleanings".
- **Quick-to-Adjust:** Patented corner release allows shelves to be adjusted without tools. Simply flip each corner release, relocate the wedge connectors on the posts, and reposition the shelf. Quickly adjust shelves to reclaim wasted vertical space.
- Efficient Use of Space: Shelves adjust on 1" (25mm) increments along the post to maximize the use of available vertical space.
- Fast, Easy Assembly: Shelves are ready to use right out of the box. One-piece
 wedges securely attach to the posts Raised beads on the back of each wedge
 snap into the grooves on the post. Window on wedge aligns with numbers on the
 post to locate the desired shelf position. Shelf mounts on four wedges, A unit
 can be assembled without tools in minutes.
- Interchangeable: Part of the MetroMax platform, MetroMax Q shelves are compatible on the same shelving units with MetroMax i and MetroMax 4 shelves.
- Open Grid and Solid Mat Options: MetroMax Q is available with open grid mats. Open grid shelves promote air circulation and light penetration. For 21" (530mm) deep MetroMax Q, solid mat overlays are available. For 18" and 24" (457 and 610mm) depths, MetroMax i or MetroMax 4 solid shelves may be added when solid shelves are required.
- · NSF Listed for all environments.
- Optional Accessories are on spec sheet 9.25.

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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













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Job

MetroMax Q® POLYMER / WIRE SHELVING

Standard Interchangeable Shelves

Part number includes shelf with removable mats and one bag of wedges

Shelf with Grid Mat		lidth		ingth		dth	al Size — Len		App Pkd.	Wt.
Model No.	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)
MQ1824G	18	457	24	610	18 ³ /8	467	2313/16	605	6.2	2.8
MQ1830G	18	457	30	762	18 ³ /8	467	29 ¹³ /16	757	8.0	3.6
MQ1836G	18	457	36	914	18 ³ /8	467	3513/16	910	9.7	4.4
MQ1842G	18	457	42	1067	18 ³ /8	467	41 ¹³ /16	1062	11.4	5.2
MQ1848G	18	457	48	1219	18 ³ /8	467	4713/16	1215	13.2	6.0
MQ1854G	18	457	54	1372	18 ³ /8	467	5313/16	1367	15.0	6.8
MQ1860G	18	457	60	1524	18 ³ /8	467	5913/16	1519	16.7	7.6
MQ1872G	18	457	72	1829	18 ³ /8	467	71 ¹³ /16	1824	20.0	9.1
MQ2124G	21	530	24	610	21 ³ /8	543	2313/16	605	8.0	3.6
MQ2130G	21	530	30	762	21 ³ /8	543	2913/16	757	9.7	4.4
MQ2136G	21	530	36	914	21 ³ /8	543	3513/16	910	11.4	5.2
MQ2142G	21	530	42	1067	21 ³ /8	543	41 ¹³ /16	1062	12.8	5.8
MQ2148G	21	530	48	1219	21 ³ /8	543	4713/16	1215	14.5	6.6
MQ2154G	21	530	54	1372	21 ³ /8	543	53 ¹³ /16	1367	16.7	7.6
MQ2160G	21	530	60	1524	21 ³ /8	543	5913/16	1519	18.5	8.4
MQ2172G	21	530	72	1829	21 ³ /8	543	7113/16	1824	21.7	9.9
MQ2424G	24	610	24	610	24 ³ /8	619	2313/16	605	9.7	4.4
MQ2430G	24	610	30	762	24 ³ /8	619	2913/16	757	11.4	5.2
MQ2436G	24	610	36	914	24 ³ /8	619	3513/16	910	13.1	6.0
MQ2442G	24	610	42	1067	24 ³ /8	619	41 ¹³ /16	1062	14.1	6.4
MQ2448G	24	610	48	1219	24 ³ /8	619	4713/16	1215	15.8	7.1
MQ2454G	24	610	54	1372	24 ³ /8	619	53 ¹³ /16	1367	18.5	8.4
MQ2460G	24	610	60	1524	24 ³ /8	619	59 ¹³ /16	1519	20.3	9.2
MQ2472G	24	610	72	1829	24 ³ /8	619	71 ¹³ /16	1824	23.5	10.7
		5.5		. 020	- 10	0.0	,10			

We put space to work.

Heavy-Duty Dunnage Shelves

- Weight capacity per shelf evenly distributed: 1,200 lbs. (544kg) on shelves up to and including 48" (1219mm) long; 900 lbs. (408kg) for shelves 54" (1370mm) and longer.
- Dunnage shelves are recommended for use on units with four posts, not on an add-on unit with two posts.

		—— No		Approx.	
Grid Mat	W	idth	Lei	ngth	Pkd. Wt.
Model No.	(in.)	(mm)	(in.)	(mm)	(lbs.) (kg)
MHP2436G	24	610	36	914	21 9.5
MHP2448G	24	610	48	1220	27 12.2
MHP2454G	24	610	54	1370	29 13.2
MHP2460G	24	610	60	1524	33 15.0

Material Specifications:

Actual

863/16 2189

- Shelf Mats: Injection-molded polypropylene with exclusive built-in Microban® antimicrobial product protection.
- Shelf frames: Steel with electroplated substrate and highly durable, abrasion-resistant epoxy finish.
- Epoxy-coated posts: Steel with electroplated substrate and highly durable, abrasion-resistant epoxy finish. Epoxy finish has built-in Microban antimicrobial product protection. The adjustable foot is reinforced nylon.
- Temperature range: -20°F (-29°C) to 125°F (52°C) continuous use, with intermittent exposure to 200°F (93°C) for cleaning. Visit metro.com/service-support for cleaning guidelines.

Rust Proof Polymer Posts - Lifetime warranty against rust. Stationary - with leveling foot Mobile - for stem casters

ľ	oradionary			ig 100	•		
	Epoxy-Coated Steel Model No.	App Pkd. (lbs.)	Wt.		ninal ight (mm)	Act Hei (in.)	
	MX13P	0.5	0.2	13	370	14 ³ / ₁₆	360
	MX27P	0.9	0.4	27	685	28 ³ /16	716
	MX33P	1.0	0.5	33	875	34 ³ /16	868
	MX54P	1.6	0.7	54	1370	54 ³ /16	1376
	MX63P	1.8	0.8	63	1585	623/16	1580
	MX74P	2.3	1.0	74	1690	743/16	1884
	MX86P	2.5	1.4	86	2195	863/16	2189

Polymer Model No Pkd. Wt. (lbs.) (kg) Height (in.) (mm Height (in.) (mm) MX13UP 0.5 0.2 13 370 14³/16 360 MX27PE 2.0 0.9 27 685 283/16 716 MX33UP 1.0 0.5 33 875 343/16 868 MX54UP 1.6 0.7 54 1370 543/16 1376 MX63UP 1.8 0.8 63 1585 623/16 1580 MX70UP 2.0 0.9 70 1778 69³/₁₆ 1757 MX74UP 2.3 1.0 74 1690 743/16 1884

MX86UP 3.0 1.4

Approx

Nominal

86 2195



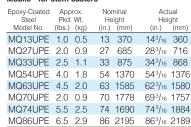


Shelf Wedge

Connector: Reinforced nylon. Replacement MetroMax Q Wedges Cat. No. MQ9985 (Bag of 4)

Epoxy Coated Steel Posts - For heavy-duty mobile applications. 15 year limited rust warranty. Stationary - with leveling foot Mobile - for stem casters

Polymer Model No.	Approx. Pkd. Wt. (Ibs.) (kg)	Nominal Height (in.) (mm)	Actual Height (in.) (mm)
MQ13PE	1.0 0.5	13 370	14 ³ /16 360
MQ27PE	2.0 0.9	27 685	28 ³ /16 716
MQ33PE	2.5 1.1	33 875	343/16 868
MQ54PE	4.0 1.8	54 1370	543/16 1376
MQ63PE	4.5 2.0	63 1585	623/16 1580
MQ74PE	5.5 2.5	74 1690	743/16 1884
MQ86PE	6.5 2.9	86 2195	863/16 2189









an Ali Group Company

The Spirit of Excellence



3 HP Model 300





FOOD WASTE DISPOSER SPECIFICATIONS

CORROSION RESISTANT BODY

Permanent molded from heat treated aluminum alloy.

EXTENDED LIP WATER SEAL

Protects the motor from damage by water.

TAPERED ROLLER BEARING

Provides longer motor life, quiet operation and shock absorbing.

WATER COOLED MOTOR

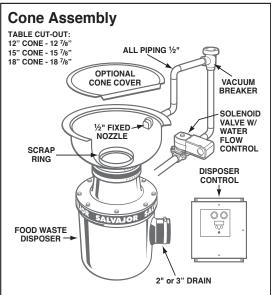
Provides maximum efficiency and longer life.

QUIET OPERATION

Extra thick rubber mounting adaptor and drain outlet isolates sound and eliminates vibration.

WASTE MIXING CHAMBER

Extra large to ensure proper mixture of water to waste.



NOTE: INSTALL PER ALL APPLICABLE CODES

FULL LOAD AMPS							
	208 Volts	3 Phase	8.8 Amps				
	230 Volts	3 Phase	8.0 Amps				
	460 Volts	3 Phase	4.0 Amps				

♦ SPECIFY EXACT OPERATING VOLTAGE ◆



Salvajor Model 300 Food Waste Disposer 3 HP - 3 Phase

D ETAIL S N D D Е S Α 1 Μ N S 1 Ο N

SPECIFICATIONS:

MOUNTING – Rubber adaptor above grind chamber and rubber drain outlet isolates sound and eliminates vibration. No metal to metal contact.

EXTERIOR HOUSING – Permanent molded from heat treated, corrosion resistant aluminum alloy then computer machined to a smooth polished finish. Paint free.

SHREDDER – 9 inch diameter, machined high strength, wear resistant hardened carbide alloy.

ROTOR – 9 inch diameter with 4 cutter bars, machined high strength, wear resistant hardened carbide alloy.

MOTOR – 3 HP totally enclosed. Fan cooled and water cooled for efficiency and longer life. Built-in manual reset thermal overload protection. Available in 208-230/460 volts, 60 cycle, 3 phase.

BEARINGS –	Tapered rolle	er (top)
	Sealed ball	(bottom)

SEAL – Extended Lip Water Seal.

WATER REQUIREMENT – 8 gallons of cold water per minute.

WASTE OUTLET – Rubber drain accepts 2" piping or 3" piping by removing drain insert.

DUAL DIRECTION GRINDING – Designed to operate in either direction. Direction of rotation can be controlled when installed with automatic reversing controls. *Reversing rotation can double cutting teeth life.*

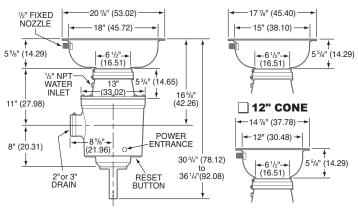
LEG SUPPORT - Single leg, adjustable.

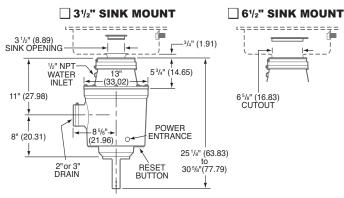
ASSEMBLIES: (See Specification Sheet) CA – Cone Assembly with 12", 15" or 18" Cone SA – Sink Assembly with 3½" or 6½" Sink Collar

DISPOSER CONTROLS: (See Specification Sheet) MSS: (Non Reversing) MRSS: (Manual Reversing) ARSS-2: (Automatic Reversing) ARSS: (Automatic Reversing with Water Saver)

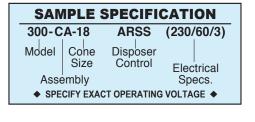


18" CONE





NOTE: Dimensions in parenthesis are in centimeters (Specifications subject to change without notice) Current specification details may be found online at www.salvajor.com



(₩) (∰• CE

The Salvajor Company4530 East 75th TerraceKansas City, Missouri 64132-2081, USA1-800-SALVAJOR(816) 363-1030FAX: 1-800-832-9373www.salvajor.comEmail: sales@salvajor.comservice@salvajor.comManufacturers of Commercial Food Waste Disposing Systems since 1944

15" CONE

Printed in USA Form No.S300 (06-17)





MOD-U-SERVE Air Systems

MODEL CH

Condensate, heat, vapor canopy

Standard Features

CONSTRUCTION: 18 ga. s/s 300 series , no. 4 finish.

COLLECTION TROUGH : Bottom edge of front, ends and back are turned inward 3" to form rigid trough for condensate collection and channel to rear drain.

HANGER BRACKETS: 3" high x 3" wide 18 ga. s/s brackets strategically placed at front and back corners of hood. Use minimum a all-thread rod through bracket to joists/beams above.

Specification

Hood is constructed of 18 gauge type 300 series stainless steel with No. 4 finish at all exposed surfaces. Hoods can be built in any size from 3 feet up to and including 14 feet in length. All joints and seams are welded and/or liquid tight. All exposed welds are ground and polished to the original metal finish. Unit comes with 3" X 3" hanger brackets, front and rear, for wall and ceiling mounting. Units can be provided with stainless steel louvered condensate collection baffles. They are supplied in an inverted "V" formation to allow captured condensate to run down the sloped sides and drain into the 3" wide bottom collection trough. The trough runs the full perimeter of the hood with a final drain at one rear corner which is field connected to a stainless steel drain line that empties onto a dish table or floor sink.

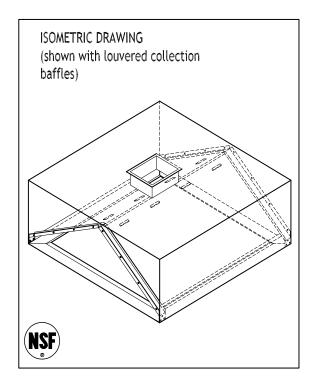
The hood meets all the requirements of NFPA 96 and NSF.

OPTIONS and MODIFICATIONS

□ BULLET STYLE INCANDESCENT, 120-60-1 , 1 amp per unit

- □ RECESSED INCANDESCENT, 120-60-1 , 1 amp per unit
- □ RECESSED FLUORESCENT , 36" or 48", 120-60-1, 1 amp per unit

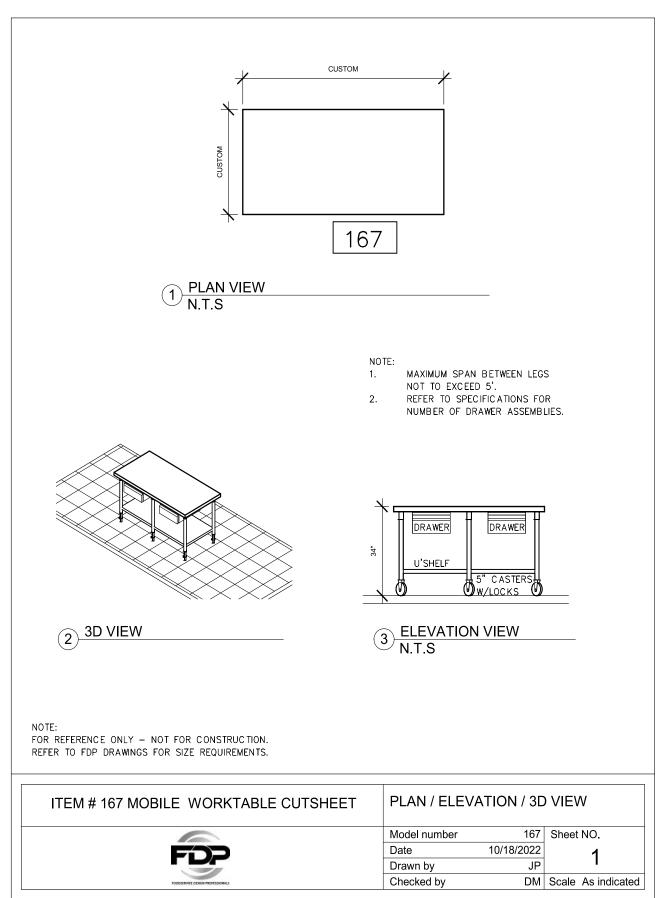
* all lights are vapor proof and approved by N.E.C. for use in kitchen canopies.



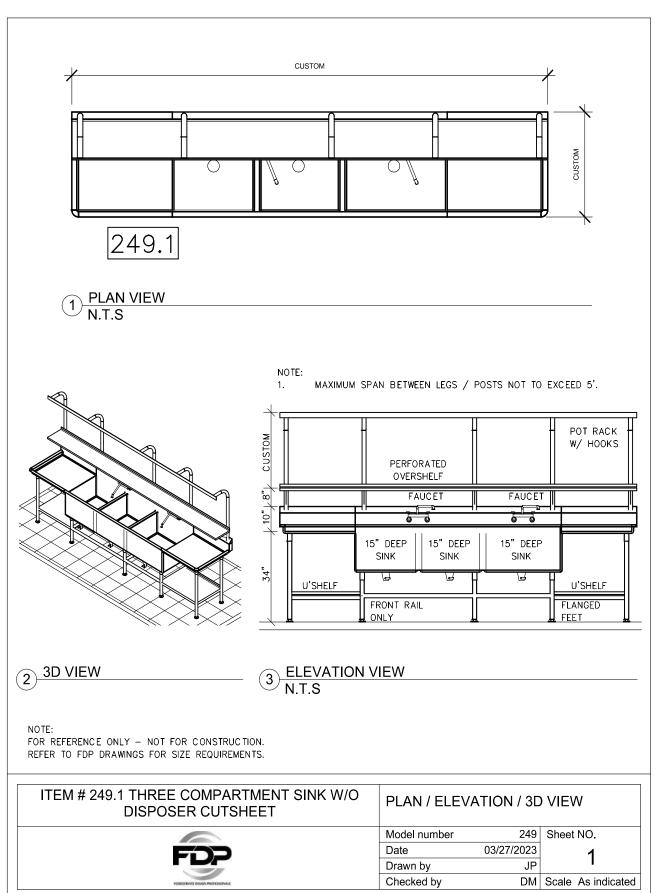
OPTIONS and MODIFICATIONS continued

- □ LIGHT AND FAN SWITCHES : typically mounted on hood face or end. Switches , j-boxes and wiring conduit are protected from condensate by a 3-sided stainless steel chase.
- OPTIONAL DUCT PLACEMENT : exhaust collars can be offset along the length of the hood to accommodate jobsite obstructions. In addition , exhaust duct can be placed at the rear of hoods when necessary.
- □ S/S LOUVERED COLLECTION BAFFLES : full length canted baffles designed to catch and direct condensate to perimeter collection troughs and drain.













Project SIS # AIA # Quantity ____ Item # C.S.I. Section 114000



CL44-BAS ELECTRIC **High Temperature Rack Conveyor**

Dishwashing Machine





SPECIFIER STATEMENT

Specified dishwasher will be Hobart CL44 Base electric tank heat model. Features include Complete Delime[™] with Delime Notification, Auto Dispensing and Booster Guard[™], capless anti-clogging wash arms, 202 racks per hour, 90 gallons per hour pumped final rinse, ENERGY STAR® (pending), insulated ergonomic cabinet style doors, touchscreen controls with WiFi connectivity, and NSF approved (pending) pot and pan cycle mode. The 19.5" standard chamber height will accommodate up to (6) standard sheet pans at a time on an open-end sheet pan rack.

STANDARD FEATURES

- 90 gallons per hour pumped final rinse
- 202 racks per hour
- ENERGY STAR[®] Certified (Pending)
- Complete Delime[™] with Delime Notification, Auto Dispensing and Booster Guard[™]
- + Internal stainless steel pressure-less 18 kW booster heater (70°F rise)
 - Single point electrical connection standard
- + Capless, anti-clogging wash arms
- Self-aligning wash manifolds +
- Large double door opening for ease of cleaning
- + 19.5" chamber height opening (accepts sheet pans)
- Doors are insulated & hinged with door interlock switches
- User-friendly smart touchscreen controls with diagnostics & + troubleshooting
- WiFi connectivity
- + SmartConnect app with machine status, temperature logs, error code reporting, and cost, consumption and usage analysis
- Energy saver mode (programmable auto-shut down)
- NSF rated configurable pot and pan cycle +
- Stainless steel self-draining pump and impeller
- Single, sloping scrap screen and deep scrap basket +
- Rapid return conveyor drive mechanism
- Service diagnostics
- Door actuated drain closure
- Vent fan control
- Convertible hot water or low temperature final rinse +
- Booster heater control +

OPTIONS & ACCESSORIES (Available at extra cost)

- □ Standard, short and extended stainless steel vent hoods
- Non-booster
- Direct drive unloader adds 38" length; Reference spec F48944 for more details
- □ Side loader SL23 adds 23" length, SL30 adds 30" length; Reference specs F40926 and F40927 for more details
- □ Blower-dryer adds 33¹/₄" to length; Reference spec F48945 (electric blower-dryer) and F48950 (steam blower-dryer) for more details (ships separate from dishmachine, contact Hobart Service for installation)
- Drain water tempering kit
- □ Flanged feet kit (requires two kits)
- □ Higher than standard chamber (24" opening)
- □ Table limit switch with 20' cable
- Correctional package (factory installed, contact Hobart for details)
- Water hammer arrester
- □ Factory-mounted circuit breakers (contact Hobart for details)

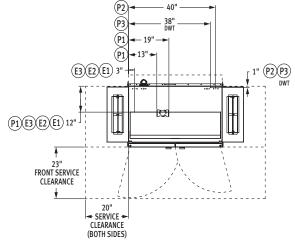
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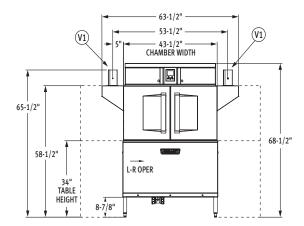




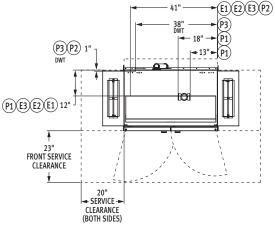
CL44-BAS ELECTRIC High Temperature Rack Conveyor Dishwashing Machine



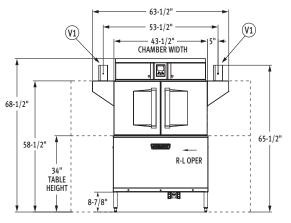




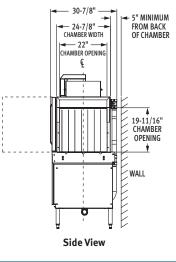
Front View Left to Right Machine



Top View Right to Left Machine



Front View Right to Left Machine





MODEL: CL44-BAS ELECTRIC R-L OPERATION 00-563930 REV A



HOBART

LEGEND

	Electrical Connections						
SINGLE POINT CONNECTION							
E1	Electric connection, single point: motors, controls, tank heat, with 18 kW electric booster heater, 65" AFF.						
	DUAL POINT CONNECTION WITH BOOSTER						
E2	Electric connection: motors, tank heat, 62" AFF.						
E3	Electric connection: controls, 18kW booster heater, 65" AFF.						
Plumbing Connections							
P1	Drain: 2" FPT, 7-3/8" AFF, two possible connections; may be drained to either side of drain housing, plug opposite side.						
P2	Common hot water connection: 1/2" FPT, 12" AFF. See plumbing notes for required temperatures.						
P3	Optional drain water tempering. Cold water connection: 1/2" FPT, 12" AFF, cold temperature 80°F maximum.						
	Vent Connections						
V1	Optional vent hoods: 4" x 16" vent stack with damper. Load end 200 CFM, unload end 400 CFM.						

CL44-BAS ELECTRIC

High Temperature Rack Conveyor Dishwashing Machine

SPECIFICATIONS

Capacities Racks per Hour (NSF rated) Wash Tank (U.S. gallons) Conveyor Speed (feet per minute)
Motor Horsepower 1/6 Drive 1/6 Wash 2 Final Rinse 2/3
Water Consumption 90 U.S. Gallons per Hour. 90 U.S. Gallons per Rack. 0.45 Peak Drain Flow (U.S. gallons per minute) 38
Heating Tank Heat, Electric (kW). 15 Electric Booster (built-in) (kW for 70°F rise) 18 Electric Booster (field conversion) (kW for 40°F rise) 12
Venting Load End (minimum CFM)
Shipping Weight (approximate)
Crated Dimensions

E1	Single Point Electrical Connection with Internal Booster					
Voltage		(E1) Motors, Controls, Tank Heat, 18 kW Booster Heater				
		Rated Amps	Minimum Supply Circuit Ampacity/ Maximum Protective Device			
208	8/60/3	109.6	150			
24	0/60/3	99.9	125			
480/60/3		51.7	60			
60	0/60/3	39.1	50			

E2	Dual Point Electrical Connection with Internal Booster								
E3		(Field Conversion Only)							
Voltage		(E2)	Motors, Tank Heat	(E3) Controls, 18 kW Booster Heater					
		Rated Amps			Minimum Supply Circuit Ampacity/ Maximum Protective Device				
208	/60/3	51.1	70	58.5	80				
240	/60/3	48.1	60	51.8	70				
480	/60/3	24.5	30	27.2	35				
600	/60/3	16.7	20	22.4	30				

WARNING: Electrical and grounding connections must comply with the applicable portions of the National Electrical Code and/or other local electrical codes. **CAUTION:** Certain materials including silver, aluminum, and pewter are attacked by sodium hypochlorite (liquid bleach).

ATTN: Plumbing connections must comply with applicable sanitary, safety and plumbing codes.

CL44-BAS ELECTRIC





Plumbing Notes: Water hammer arrestor (meeting ASSE-1010 standard or equivalent) to be supplied (by others) in common water supply line at service connection.

Recommended water hardness to be 3 grains or less for best results.

Minimum incoming hot water temperatures:

110°F for 18kW internal booster

140°F for 12kW field converted internal booster

180°F without internal booster for high temperature sanitizing, 130°F for chemical sanitizing.

Building flowing water pressure to dish machine is 20 to 65 PSI at the machine.

For convenience when cleaning, water tap should be installed near machine with heavy duty hose and squeeze valve.

For chemical sanitizing applications, feeder must be certified to NSF Standard 29.

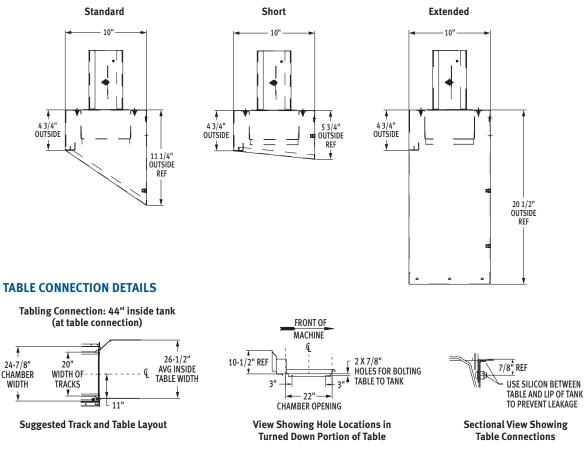
Miscellaneous Notes: All dimensions taken from floor line may be increased approximately 3/4" or decreased 1/2".

For HTS, add 4-5/16" to all dimensions above table line.

For HTS, add TBD to the domestic shipping weight of each model.

Electrical Note: Dishmachine not provided with internal GFCI protection.

VENT HOOD OPTIONS (Adjustable, vent stack can be adjusted 1" to either side)



As continued product improvement is a policy of Hobart, specifications are subject to change without notice.

F48847 (03/24) Page 4 of 4

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CL44-BAS ELECTRIC

High Temperature Rack Conveyor Dishwashing Machine

CL44-BAS Electric Heat Dissipation									
Booster	BTU/HR.								
DUOSLEI	Latent	Sensible							
Without Booster	18,500	7,900							
12kW Booster	26,600	11,400							
18kW Booster	32,100	13,700							

NOTE: 18kW Booster Heater field convertible to 12kW when 140°F incoming water provided. (Conversion instructions located in machine control box. Contact factory for 12kW booster amperage ratings.)

NOTE: Additional Voltages and Amperages are available, see document F48913.



Project _ Item # _





Compact Electrical Booster Water Heaters

Model: C-4, -5, -6, -7, -9, -12, -13, -15, -17, -18, -24, -27, -30, -36, -39, -45, -54, -57

The Hatco Compact Electric Booster Water Heater provides all the 180°F (82°C) final rinse water required to sanitize and flash-dry dishes and flatware. The space saving Compact is easy to install next to the dishwasher with slide brackets or on 6" (152 mm) legs. The storage capacity is 6 gallons (23 liters).

Standard features

- All models include a Castone® lined tank with a 10-year limited warranty
- Features include a temperature/pressure relief valve, a pressure reducing valve, two temperature/pressure gauges, a high-temperature limit control, pilot indicator light, on-off switch, a low-water cut-off to prevent element burnout due to a low water condition, and a 3/4" NPT pipe and fittings for inlet and outlet.
- Available with slide brackets for mounting under a dishtable
- Each booster has fiberglass insulation to minimize heat loss
- Hatco electric booster heaters are factory pre-plumbed and pre-wired with calibrated immersion thermostat and hightemperature limit switch
- A stainless steel front panel and powder-coated silver-gray hammertone body is standard on all Compact models
- Swing-away front panels with low-water cut-off, control fuses and transformer allow quick access to probes and elements for easier serviceability

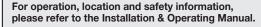


Options (available at time of purchase only) □ Stainless steel body and base

Security package (Torx screws and control cover)

Accessories

- □ Additional slide brackets
- Additional stainless steel floor mounting leg assembly
- Blended Phosphate injection system (not for potable water)
- □ Shock absorber (reduces water hammer)
- Back pressure relief valve
- $\Box \mbox{Additional brass pressure reducing valve with by-pass}$
- Additional stainless steel adjustable legs 6" 7" (152 178 mm)







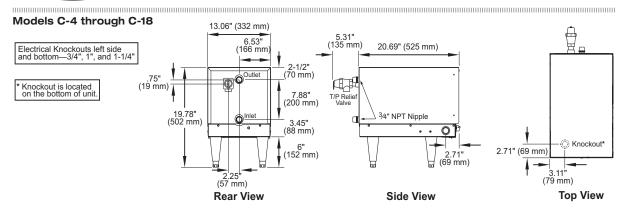
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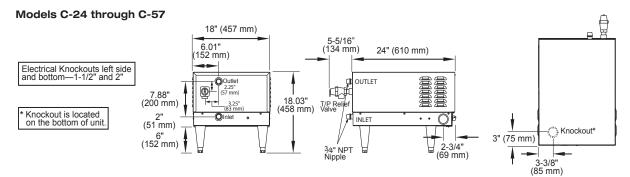
September 2020





Compact Electrical Booster Water Heaters Model: C-4, -5, -6, -7, -9, -12, -13, -15, -17, -18, -24, -27, -30, -36, -39, -45, -54, -57





Rear View

Side View

Top View

SPECIFICATIONS Compact Electric Boosters

			Volts	1 phase		3 phase		
Model	Dimensions (Width x Depth x Height [•])	kW		Amps	Breaker/ Fuse Size	Amps	Breaker/ Fuse Size	Ship Weight*
			208	19.3	30	_	-	
C-4	13.06" x 20.69" (26" [†]) x 13.78" (332 x 525 (660 mm [†]) x 350 mm)	4	240	16.7	30	_	-	115 lbs. (52 kg)
			480	8.4	15	_	-	
			208	24.1	30	-	-	115 lbs. (52 kg)
C-5	13.06" x 20.69" (26"†) x 13.78" (332 x 525 (660 mm†) x 350 mm)	5	240	20.9	30	_	-	
			480	10.5	15	-	-	
			208	28.9	40	25	40	- 118 lbs. (54 kg) -
C-6*	13.06" x 20.69" (26" [†]) x 13.78"	6	240	25	40	21.6	30	
C-0*	(332 x 525 (660 mm†) x 350 mm)	0	480	12.5	20	10.8	15	
			600	-	-	6.1	15	
C-7*			208	33.7	50	29.1	40	- - 118 lbs. (54 kg) -
	13.06" x 20.69" (26"†) x 13.78"	7	240	29.2	40	25.2	40	
	(332 x 525 (660 mm [†]) x 350 mm)	'	480	14.6	20	12.6	20	
			600	-	-	6.8	15	

Height does not includes legs.

* Shipping weight includes regs.
 * Shipping weight includes packaging.
 † Includes Temperature/Pressure Relief Valve.
 * Only 6, 7, & 9kW Models, 208 and 240 volts only, can be field converted to single phase (units are shipped 3-phase open delta). Larger branch circuit required than for balanced 3-phase of equal kW. (Balanced 3-phase available, consult factory.)

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Compact Electrical Booster Water Heaters Model: C-4, -5, -6, -7, -9, -12, -13, -15, -17, -18, -24, -27, -30, -36, -39, -45, -54, -57

SPECIFICATIONS **Compact Electric Boosters**

				1 p	ohase	3 p	hase		
Model	Dimensions (Width x Depth x Height*)	kW	Volts	Amps	Breaker/ Fuse Size	Amps	Breaker/ Fuse Size	Ship Weight	
		Ì	208	43.3	60	37.5	50		
	13.06" x 20.69" (26"†) x 13.78"	0	240	37.5	50	32.4	50	118 lbs (54 kg)	
C-9*	(332 x 525 (660 mm [†]) x 350 mm)	9	480	18.8	30	16.3	30	118 lbs. (54 kg)	
			600	-	-	8.7	15		
			208	57.7	90	33.4	50		
0.10	13.06" x 20.69" (26"†) x 13.78"	12	240	50	70	28.9	40	100 lba (54 kg)	
C-12	(332 x 525 (660 mm ⁺) x 350 mm)	12	480	25	40	14.5	20	120 lbs. (54 k	
			600	-	-	11.6	20		
ĺ			208	65	90	37.5	50		
	13.06" x 20.69" (26"†) x 13.78"	10.5	240	56.3	90	32.5	50	100 1 (54)	
C-13	(332 x 525 (660 mm [†]) x 350 mm)	13.5	480	28.2	20	16.3	30	120 lbs. (54 k	
			600	_	_	13.1	20		
			208	72.2	90	41.7	60		
	13.06" x 20.69" (26"†) x 13.78"		240	62.5	90	36.1	50	120 lbs. (54 kg)	
C-15	(332 x 525 (660 mm [†]) x 350 mm)	15	480	31.3	40	18.1	30		
			600	-	_	14.5	20		
C-17	13.06" x 20.69" (26" [†]) x 13.78" (332 x 525 (660 mm [†]) x 350 mm)	17.25	208	_	_	47.9	60	120 lbs. (54 kg	
			208	86.6	125	_	_	120 lbs. (54 kg)	
	13.06" x 20.69" (26"†) x 13.78" (332 x 525 (660 mm [†]) x 350 mm)	18	240	75	100	43.4	60		
C-18			480	37.5	50	21.7	30		
			600	_	_	17.4	30		
			208	115.4	150	66.7	90	142 lbs. (64 kg)	
	10" x 04" (00 05" [†]) x 10 02"		240	100	125	57.8	90		
C-24	18" x 24" (29.25" [†]) x 12.03" (457 x 610 (743 mm [†]) x 306 mm)	24	480	-	-	28.9	40		
			600	_	_	23.2	30		
			208	129.9	175	75	100		
			240	112.5	150	65	90		
C-27	18" x 24" (29.25"†) x 12.03" (457 x 610 (743 mm¹) x 306 mm)	27	480	-		32.5	50	142 lbs. (64 kg)	
			600		_	26.1	40		
			208	144.3	200	83.3	125		
			200	144.3	175	72.2	123		
C-30	18" x 24" (29.25"†) x 12.03" (457 x 610 (743 mm¹) x 306 mm)	30	480	-	-	36.1	50	142 lbs. (64 k	
			600	_	_	29	40	1	
			208	173.1	225	100	125		
C-36	18" x 24" (29.25"¹) x 12.03" (457 x 610 (743 mm¹) x 306 mm)	36	240	150	200	86.7	125	142 lbs. (64 k	
			480			43.4	60		
			600	-	-	34.8	50		
			208	187.5	250	108.3	150		
C-39	18" x 24" (29.25" [†]) x 12.03" (457 x 610 (743 mm [†]) x 306 mm)	39	240	162.5	225	93.9	125	142 lbs. (64 kg)	
	(+37 X 010 (745 mm)) X 300 mm)		480	-	-	47	60		
			600	-	-	37.7	50		

• Height does not includes legs.

Height does not includes regs.
 * Shipping weight includes packaging.
 * Only 6, 7, & 9kW Models, 208 and 240 volts only, can be field converted to single phase (units are shipped 3-phase open delta). Larger branch circuit required than for balanced 3-phase of equal kW. (Balanced 3-phase available, consult factory.)
 * Includes Temperature/Pressure Relief Valve.

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Compact Electrical Booster Water Heaters Model: C-4, -5, -6, -7, -9, -12, -13, -15, -17, -18, -24, -27, -30, -36, -39, -45, -54, -57

SPECIFICATIONS The shaded areas contain electrical **Compact Electric Boosters** information for International models 1 phase 3 phase Breaker/ Breaker/ Dimensions kW Model Volts Amps Amps Ship Weight* (Width x Depth x Height*) Fuse Size Fuse Size 208 125 175 240 187.5 250 108.3 150 18" x 24" (29.25"[†]) x 12.03" (457 x 610 (743 mm[†]) x 306 mm) C-45 45 142 lbs. (64 kg) 480 _ 54.2 70 _ 600 43.5 60 208 149.9 200 240 _ 130 175 18" x 24" (29.25"†) x 12.03" (457 x 610 (743 mm[†]) x 306 mm) C-54 54 142 lbs. (64 kg) 480 _ 65 90 _ 600 52.1 70 158.3 200 208 _ _ 137.2 175 240 18" x 24" (29.25"[†]) x 12.03" (457 x 610 (743 mm[†]) x 306 mm) _ C-57 57 142 lbs. (64 kg) 480 68.6 90 _ _ 600 54.9 70 _ _

Height does not includes legs.

* Shipping weight includes packaging.
 † Includes Temperature/Pressure Relief Valve.

WATER TEMPERATURE RECOVERY TABLE

Model	40°F (22°C) Rise	70°F (39°C) Rise
C-4	40 gph (151 lph)	23 gph (87 lph)
C-5	50 gph (189 lph)	29 gph (110 lph)
C-6	60 gph (227 lph)	34 gph (129 lph)
C-7	70 gph (265 lph)	40 gph (151 lph)
C-9	90 gph (341 lph)	52 gph (197 lph)
C-12	120 gph (454 lph)	69 gph (261 lph)
C-13	135 gph (511 lph)	77 gph (292 lph)
C-15	151 gph (572 lph)	86 gph (326 lph)
C-17	173 gph (655 lph)	99 gph (375 lph)

WATER QUALITY REQUIREMENTS

Incoming water in excess of 3.0 grains of hardness per gallon (GPG) (.75 grains of hardness per liter) must be treated and softened before being supplied to booster heater(s).Water containing over 3.0 GPG (.75 GPL) will decrease the efficiency and reduce the operating life of the unit.

Note: Product failure caused by liming or sediment buildup is not covered under warranty.

PRODUCT SPECS

Electric Booster Water Heaters

The Electric Booster Water Heater shall be manufactured for commercial use by the Hatco Corporation, Milwaukee, WI 53234 U.S.A.

The booster to supply the final 80°F (82°C) rinse for the dishwasher shall have the at ... kW, ... volts, ... phase. The tank shall be designed for a working pressure of 150 psi (1034 kPa) and hydrostatically tested at 300 psi (2069 kPa) with a Hatco Castone® lining.

The heater shall be complete with all internal plumbing, including 3/4" NPT pipe and fittings for inlet and outlet. Controls shall be built-in, including contactors and prewired in accordance with UL #1453 and 422.11 NEL 2002. Proper surface mounting circuit

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Model	40°F (22°C) Rise	70°F (39°C) Rise
C-18	181 gph (685 lph)	103 gph (390 lph)
C-24	241 gph (912 lph)	138 gph (522 lph)
C-27	271 gph (1026 lph)	155 gph (587 lph)
C-30	301 gph (1139 lph)	172 gph (651 lph)
C-36	361 gph (1367 lph)	206 gph (780 lph)
C-39	391 gph (1480 lph)	224 gph (848 lph)
C-45	452 gph (1711 lph)	258 gph (977 lph)
C-54	542 gph (2052 lph)	310 gph (1174 lph)
C-57	573 gph (2169 lph)	326 gph (1234 lph)

breaker or fused disconnect switch shall be provided by electrical contractor. Electric heating elements shall be metal sheathed, controlled by an ambient compensating immersion thermostat. The booster shall be protected with high-temperature limit switch (ECO) and low-water cut-off.

The heater shall consist of stainless steel front and silver-gray hammertone body with standard 6" (152 mm) legs (or stainless steel body, base, and stainless steel adjustable leas)

The heater shall include a temperature/pressure relief valve, high-temperature pressure reducing valve with bypass, and two indicating temperature/pressure gauges

Warranty consists of 24/7 parts and service assistance (US and Canada only).

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September 2020

Foodservice Design Professionals







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Job ___

ltem #

MetroMax 4 Drying Racks combine the corrosion

protection and strength of MetroMax 4 with the convenience of a drying rack unit that efficiently sorts and holds pots, pans and trays while they dry to prevent wet nesting.

Three Tier Tray Rack:

36" (914mm) and 48" (1219mm) lengths. Each consists of (3) MetroMax 4 shelf frames, (4) 63" (1600mm) mobile posts, (4) corrosion resistant polymer horn casters (two swivel, two brake), (3) tray racks,

Four Tier Bulk Drying and Tray Rack:

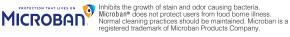
36" (914mm) and 48" (1219mm) lengths. Each consists of (3) MetroMax 4 shelf frames, (1) MetroMax 4 shelf, (4) 63" (1600mm) mobile posts, (4) corrosion resistant polymer horn casters (two swivel, two brake), (2) stainless steel drop-in racks, (1) tray rack.

Four Tier Tray and Steam Pan Rack:

36" (914mm) and 48" (1219mm) lengths. Each consists of (4) MetroMax 4 shelf frames, (4) 63" (1600mm) mobile posts, (4) corrosion resistant polymer horn casters (two swivel, two brake), (2) tray racks, (2) steam pan racks.

Key Benefits

- Promotes food safety by preventing wet nesting, where two wet/damp items are nested together preventing proper airflow.
- **Superior air circulation:** Fast drying of trays, cutting boards, pans, lids, pots and all sink items.
- "Hold strong" slots: Tray and Pan Racks have tall slots to assure trays, cutting boards, steam pans, and other tall items don't tip over while being loaded/unloaded and during use.
- Wobble Free, Worry Free mobility: Sturdy carts are easy to maneuver with swivel polymer casters.
- Easy to Clean: Shelf mats, posts and epoxy coated drying racks have built-in Microban antimicrobial product protection. It keeps the product "cleaner between cleanings".
- **Superior Organization:** Optional hanging rails and grids help sort and dry utensils and other vessels with long handles.
- NSF Listed



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



InterMetro Industries Corporation North Washington Street, Wilkes-Barre,

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





MAX4-PR48VX3



MAX4-PR48VX4

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MetroMax 4 Drying Racks

Specifications - Shelving Units, Drop-Ins, Tray Racks, Pan Racks

- Longitudinal Beams & Posts: Pultrusions continuous glass fibers and thermo set resin composite with built-in Microban antimicrobial product protection. Exterior surfaces are high-impact thermoplastic resin.
- End Beams, Adjustable Foot & Socket: Injection molded polyester thermoplastic resin with glass reinforcement.
- Drop In Rack -Electro-Polished Type 304 Stainless Steel
- **Cutting Board/Tray Drying Rack:** Corrosion resistant taupe epoxy coated steel with built-in Microban product protection and rigid PVC (non phtalate) extrusions.
- **Shelf Mats:** Polypropylene. Mats contain Microban antimicrobial product protection.
- Load Capacity: 200 lbs. (91kg) per drop-in rack, tray rack, or pan rack.

- Stationary Load Capacity: 2000lbs. (907kg)
- Mobile Load Capacity: 750 lbs. (340kg) per unit
- **Polymer Casters:** 2 swivel, 2 swivel with brakes. Corrosion-resistant, polymer horn, stainless steel axle and hardware. 5" (127mm) diameter.
 - MAX4-PR36VX2 TRANSPORT MAX4-PR36VX3 MAX4-PR36VX4

Dimensions

MetroMax 4 Mobile Drying Rack Units

Three Tray Racks (three tier unit)

Model No.	Nomin (in.)	al Width (mm)	Nomina (in.)	al Length (mm)	Nomi (in.)	nal Height (mm)	Approx. (Ibs.)	Pkd. Wt. (kg)
MAX4-PR36VX2	24	610	36	914	68	1702	72.7	33.0
MAX4-PR48VX2	24	610	48	1219	68	1702	86.9	39.4

Two SS Drop-ins, One Tray Rack, One Bulk Shelf (4-tier)

Model No.	Nomina (in.)	al Width (mm)	Nomin (in.)	al Length (mm)	Nomir (in.)	al Height (mm)	Approx. I (Ibs.)	Pkd. Wt. (kg)
MAX4-PR36VX3	24	610	36	914	68	1702	65.0	29.5
MAX4-PR48VX3	24	610	48	1219	68	1702	76.8	34.8

Two Tray Racks and Two Pan Racks (4-tier)

Model No.	Nomin (in.)	al Width (mm)	Nomir (in.)	nal Length (mm)	Nomina (in.)	al Height (mm)	Approx. Pkd. Wt. (Ibs.) (kg)
MAX4-PR36VX4	24	610	36	914	68	1702	80.6 36.5
MAX4-PR48VX4	24	610	48	1219	68	1702	95.3 43.2

Note: For the actual dimensions for mobile units, add 2" (51mm) to the nominal dimension to account for the bumpers.