

Hocking College Lodge
Culinary Kitchen Renovation
Nelsonville, Ohio

04/2/2026

ADDENDUM 01

Addendum to the drawings and specifications for: **Hocking College Lodge- Culinary Kitchen Renovation**

This addendum supplements and amends the drawings and specifications and shall become part of the contract documents. The contractor shall acknowledge receipt of this addendum on the Bid Form and incorporate the information herein contained in the preparation of his/her proposal.

PRE-BID MEETING

1. **Sign In Sheet:** Attached
2. **Pre-Bid Meeting Agenda:** Attached

PRE-BID MEETING 02

1. Additional Pre-Bid Meeting will be held **Monday April 6th at 1:00pm** in the Lobby at The Lodge at Hocking College 15770 OH-691, Nelsonville, OH 45764

SPECIFICATIONS

1. **Equipment Cutsheets:** Attached

DRAWINGS

1. Sheet E2 – Power Plans: Replace sheet with Revision Date 03/31/26
2. Sheet E4B – New Work Electrical Plans: Replace sheet with Revision Date 03/31/26

CONTRACTOR QUESTIONS

1. **Can you provide clarification on the Quarry tile? How are we supposed to know how many tiles will need to be repaired? Can this be an allowance so we're all bidding the same thing?**

RESPONSE: No allowances at this time. The quarry tile is mostly secure, when saw cutting some tile might loosen up or when moving equipment out. Tiles do not need to be replaced. Grout up to adjacent tile for new floor leveling system.

2. **What is the estimated timeline for the kitchen equipment order to delivery?**

RESPONSE: All the kitchen equipment should be no more than an 8-week lead time. It's understood

that contractors do not have control over kitchen lead times as long as the contractor executes the order within a reasonable time frame at the start of the project. Owner is willing to consider extending the contract date.

3. Who is responsible for removing equipment?

RESPONSE: See Food Service demolition notes and existing equipment plan and schedule for details.

4. What appliances are being kept?

RESPONSE: See Food Service existing equipment plan and schedule for details.

5. Is natural gas line being moved?

RESPONSE: No, the natural gas line will not be moved. Coordinate with Hocking college facilities 2 days before work in the area to locate existing line.

6. Is the new cooler slab insulated?

RESPONSE: No, the new walk-in cooler/freezer will have an insulated floor from manufacturer. See section detail on architectural sheets and Food Service sheets.

7. Are the cooler doors being replaced?

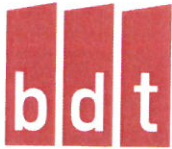
RESPONSE: Yes, we are replacing the complete walk-in cooler/freezer and that includes the doors. See Food Service sheets for details.

8. What is the size of equipment N1-04?

RESPONSE: See callout on Food Service Sheet FS0.6.0

9. Do you have a schedule and completion date?

RESPONSE: Yes, see attached schedule.



26 East Park Drive, Ste 101, Athens, Ohio 45701
 33 N Grant Ave, Ste 150, Columbus, Ohio 43215

HOCKING COLLEGE CULINARY RENO PRE-BID MEETING 3-31-26

MEETING SIGN IN SHEET

Name BOB MCINTYRE	Company ACTION CONTRACTORS	Email rmcintyre@actioncontractor.com
Address 100 Northfield Rd, Bedford, OH	Phone/ Cell 440-561-7095	Fax

Name Zach Goudy	Company Grae Lon Construction	Email zgoudy@graecon.com
Address 101 Industry Rd, Marietta OH	Phone/ Cell 740-381-6034	Fax

Name MIKE CASASANTA	Company C&T DESIGN	Email MCASASANTA@C&TDESIGN.WO
Address 373 ENTENNAUSE DR. LOWIS CONSUM OH 43035	Phone/ Cell 614-581-5917	Fax

Name Chris Miggo	Company ZK General Co.	Email chris.miggo@zkgeneral.com
Address AGrubor St.	Phone/ Cell 614-743-2492	Fax

Name Matt Moran	Company ZK General Co.	Email matt.moran@zkgeneral.com
Address	Phone/ Cell 614-348-4606	Fax



26 East Park Drive, Ste 101, Athens, Ohio 45701
33 N Grant Ave, Ste 150, Columbus, Ohio 43215

PRE BID AGENDA

Project: Hocking College Lodge Culinary Kitchen Renovation
Meeting Date: 03/31/26
Meeting Title: Pre Bid Meeting

1. Project Overview
 - a) Overview of Project Scope
 - Renovation of existing commercial kitchen
 - Addition of new equipment and exterior cooler/freezer
 - New interior partitions.
 - b) Contract Arrangement.
 - a. General Contract
 - b. Must be able to get under contract by 4-15-26
 - c. Need supplier ID
 - d. Quote, submitted without taxes
 - e. Survey- number of employees, women, men, minorities, etc.
 - c) Allowances
 1. None.
 - d) Alternates
 1. None
 - e) Completion Time
 - October 9th, 2026
2. Project Restrictions
 - i. This building is still an active hotel with adjacent kitchen(s) in use.
 - a) Dust control.
 - b) Noise mitigation during certain hours or special events.
3. Temporary Facilities
 - a) Electric
 - b) Water
 - c) Refuse
 - d) Storage
4. Utility and Service Interruptions - Sequencing
 - a)
5. Bid Questions Deadline: Tuesday, April 7th, 2026, at 11:00am
6. Bids Due: Monday, April 13th at 2:00pm emailed to:
 - a) quotes@hocking.edu
 - b) esmith@bdtaid.com
7. Addendum
 - a) Sheet E2- Item # N1-09 Heated Wells: amps and connection change from 5.7 amps to 17.4, and the connection from 14-20R to 6-30R
 - b) Sheet E4B- wire and ground size change from 12 to 10, breaker form 20/2 to 30/2.
8. RFI

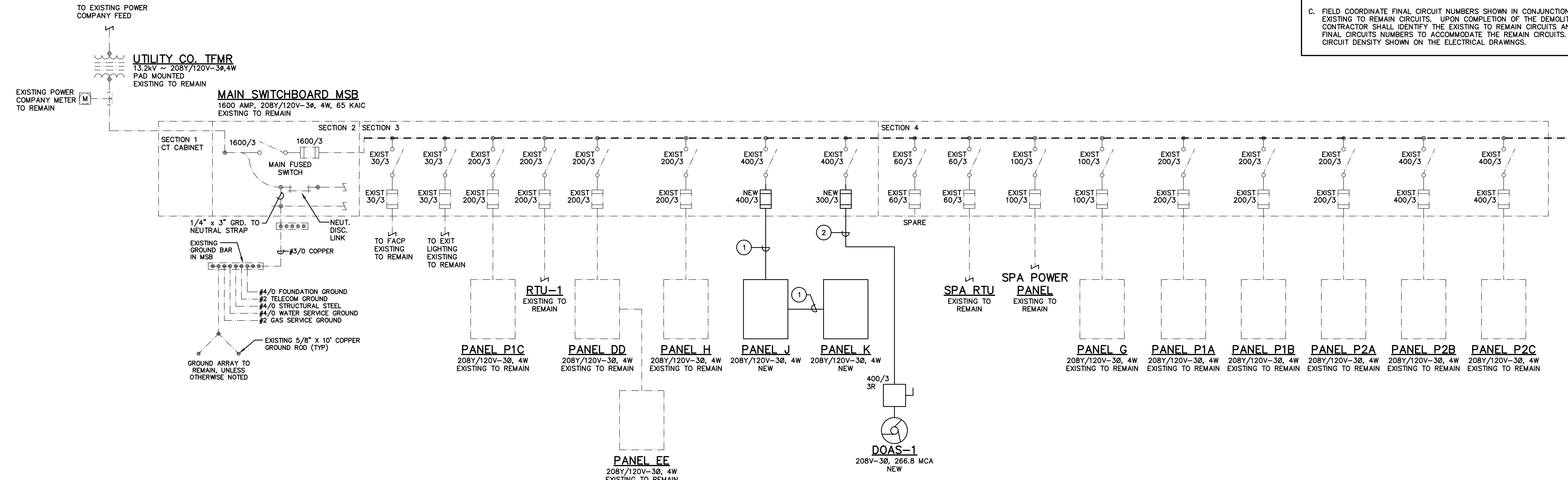
a) **Question:** Can you provide clarification on the Quarry tile? How are we supposed to know how many tiles will need to be repaired? Can this be an allowance so we're all bidding the same thing?

i. **Response:** No allowances at this time. The quarry tile is mostly secure, when saw cutting some tile might loosen up or when moving equipment out. Tiles do not need to be replaced. Grout up to adjacent tile for new floor leveling system.

9. Questions - Additional Items

a)

Bidding	18 days	Mon 3/23/26	Wed 4/15/26
Uploading to OFCC 48 hrs to post	2 days	Mon 3/23/26	Tue 3/24/26
Bid	14 days	Wed 3/25/26	Mon 4/13/26
Bid opening	0 days	Mon 4/13/26	Mon 4/13/26
Complete Bid Pack Submittal	2 days	Tue 4/14/26	Wed 4/15/26
Pre-Construction	38 days	Thu 4/16/26	Mon 6/8/26
Controlling Board	23 days	Thu 4/16/26	Mon 5/18/26
Notice to Award	1 day	Tue 5/19/26	Tue 5/19/26
Contracting	13 days	Wed 5/20/26	Fri 6/5/26
Notice to Proceed	1 day	Mon 6/8/26	Mon 6/8/26
Construction Phases	90 days	Mon 6/8/26	Fri 10/9/26
Construction	85 days	Mon 6/8/26	Fri 10/2/26
Mobilization	1 day	Mon 6/8/26	Mon 6/8/26
Construction	84 days	Tue 6/9/26	Fri 10/2/26
Closeout	5 days	Mon 10/5/26	Fri 10/9/26
Punch List	5 days	Mon 10/5/26	Fri 10/9/26
Substantial Completion	0 days	Fri 10/9/26	Fri 10/9/26
Contract Completion	0 days	Mon 10/12/26	Mon 10/12/26
Autumn Term Start week	5 days	Mon 8/10/26	Fri 8/14/26
Autumn Term Starts	85 days	Mon 8/17/26	Fri 12/11/26



CIRCUIT IDENTIFICATION

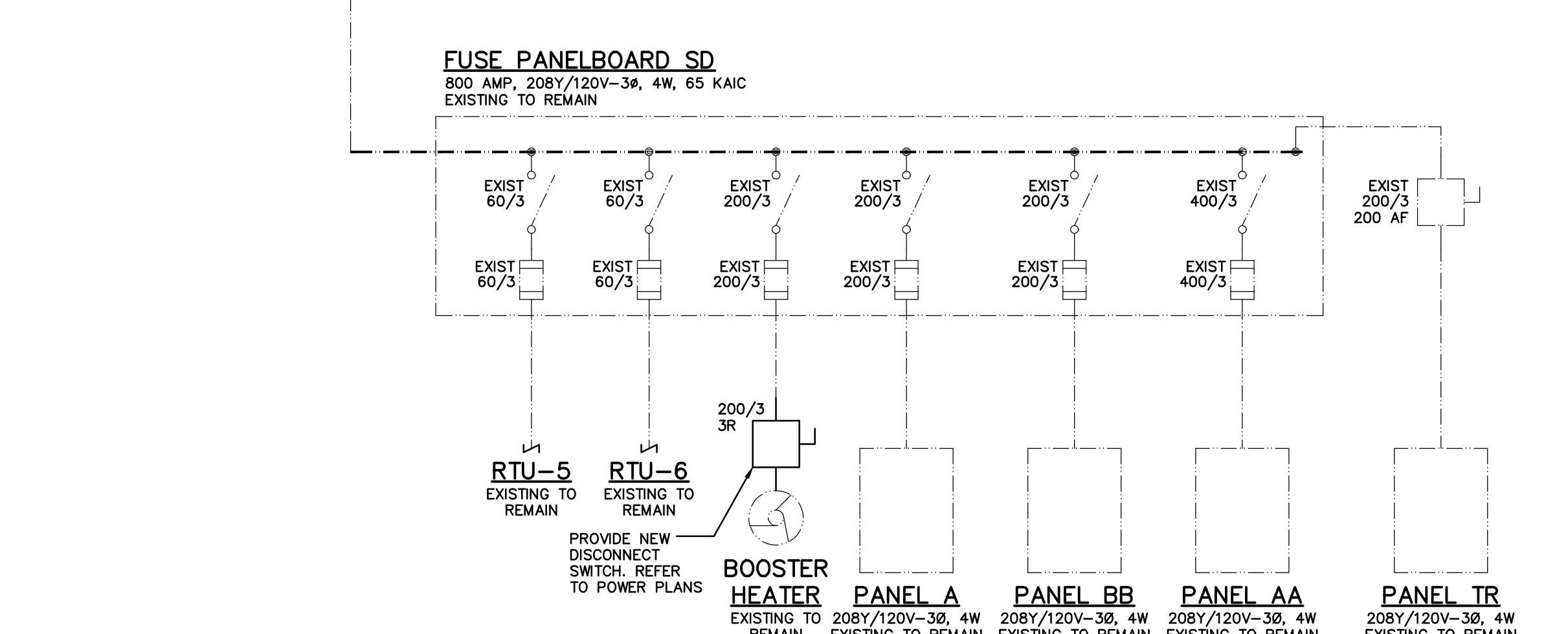
CIRCUIT IDENTIFICATION REQUIREMENTS

- ALL DISCONNECTING MEANS SHALL BE MARKED TO INDICATE ITS SPECIFIC PURPOSE IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE.
- PROVIDE TYPED PANELBOARD DIRECTORIES FOR ALL LIGHTING AND APPLIANCE PANELBOARDS. PROVIDE CIRCUIT IDENTIFICATION LABELS AT EACH SWITCH AND/OR CIRCUIT BREAKER IN SWITCHBOARDS. DIRECTORIES AND IDENTIFICATION SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE. EVERY NEW CIRCUIT OR ALTERED CIRCUIT SHALL BE IDENTIFIED AS TO ITS CLEAR, EVIDENT, AND SPECIFIC PURPOSE AND USE. THE IDENTIFICATION SHALL INCLUDE SUFFICIENT DETAIL TO ALLOW EACH CIRCUIT TO BE DISTINGUISHED FROM ALL OTHER CIRCUITS. DO NOT COPY THESE SCHEDULES AS FINAL PANELBOARD INDEX INFORMATION.
- FIELD COORDINATE FINAL CIRCUIT NUMBERS SHOWN IN CONJUNCTION WITH THE EXISTING TO REMAIN CIRCUITS. UPON COMPLETION OF THE DEMOLITION PHASE THIS CONTRACTOR SHALL IDENTIFY THE EXISTING TO REMAIN CIRCUITS AND ALTER THE FINAL CIRCUIT NUMBERS TO ACCOMMODATE THE REMAIN CIRCUITS. MAINTAIN THE CIRCUIT DENSITY SHOWN ON THE ELECTRICAL DRAWINGS.

CONDUIT & WIRE SCHEDULE BRANCH CIRCUITS

WIRE SIZE	2 WIRE+GROUND	3 WIRE+GROUND	4 WIRE+GROUND
15A #12 WIRE #12 GROUND	3/4" CONDUIT	3/4" CONDUIT	3/4" CONDUIT
20A #10 WIRE #10 GROUND	3/4" CONDUIT	3/4" CONDUIT	3/4" CONDUIT
25A #10 WIRE #10 GROUND	3/4" CONDUIT	3/4" CONDUIT	3/4" CONDUIT
30A #10 WIRE #10 GROUND	3/4" CONDUIT	3/4" CONDUIT	3/4" CONDUIT
35A #8 WIRE #10 GROUND	3/4" CONDUIT	3/4" CONDUIT	3/4" CONDUIT
40A #8 WIRE #10 GROUND	3/4" CONDUIT	3/4" CONDUIT	3/4" CONDUIT
45A #8 WIRE #10 GROUND	3/4" CONDUIT	3/4" CONDUIT	3/4" CONDUIT
50A #8 WIRE #10 GROUND	3/4" CONDUIT	3/4" CONDUIT	3/4" CONDUIT
60A #4 WIRE #10 GROUND	1" CONDUIT	1" CONDUIT	1-1/4" CONDUIT
70A #4 WIRE #8 GROUND	1" CONDUIT	1" CONDUIT	1-1/4" CONDUIT
80A #3 WIRE #8 GROUND	1-1/4" CONDUIT	1-1/4" CONDUIT	1-1/4" CONDUIT
90A #2 WIRE #8 GROUND	1-1/4" CONDUIT	1-1/4" CONDUIT	1-1/4" CONDUIT

NOTES:
WIRE SIZE BASED UPON THIN COPPER WIRING, EMT CONDUIT.
PROVIDE WIRE FOR EACH PHASE, NEUTRAL, AND GROUND AS NOTED.
BRANCH CIRCUIT WIRING SHALL MATCH CIRCUIT BREAKER/FUSE SIZE.
VOLTAGE DROP:
20A BRANCH CIRCUITS (3% V_D) - USE #12 FOR UP TO 60 FT, #10 FROM 61 FT TO 100 FT, #8 FROM 101 FT TO 150 FT.



FEEDER SCHEDULE

DESIG.	C.B. OR FUSE SIZE	FEEDER SIZE
1	400 AMP	4 - 500 + 3 - 4"
2	300 AMP	3 - 350 + 4 - 2.5"

WIRING LEGEND

4 - 350 + 350 - 3" SIZE OF CONDUIT
NO. OF CONDUCTORS
SIZE OF CONDUCTORS

TOTAL MSB LOAD

DESCRIPTION	CONNECTED KVA	NEC DEMAND KVA	NOTE
EXISTING MSB LOAD PLUS 125%		123.0	1
NEW LOAD IN PANEL I	65.4	50.2	0
NEW LOAD IN PANEL K	89.9	66.8	0
DOAS-1	96.1	96.1	
LOAD REMOVED	-127.0	-127.0	
NEW CONNECTED KVA	251.5		
NEW CONNECTED AMPS (208V-3Ø)	698.0		
DEMAND KVA		209.1	
DEMAND AMPS (208V-3Ø)		580.5	

1. EXISTING MAXIMUM DEMAND LOAD FOR A 1-YEAR PERIOD OBTAINED FROM THE UTILITY COMPANY. DEMAND LOAD CALCULATED PER NEC 220.87

ELECTRICAL NEW ONE-LINE DIAGRAM

SCALE: NONE
UNLESS NOTED OTHERWISE, ALL EQUIPMENT AND FEEDERS ON THIS ONE-LINE ARE EXISTING TO REMAIN.

Panel ID: J		Voltage: 208 / 120		Panel Type: SEE SPEC		
Location: ELECTRICAL ROOM		Phase: 3		Enclosure: NEMA-1		
Mounting: SURFACE		Wire: 4		Main Size: 400 Amps		
Minimum breaker AIC to be 22,000. All circuit breakers shall be standard bolt-on type, unless noted otherwise. ** = Refer to one line diagram for wire sizes.						
GND WIRE SIZE	BRANCH CIRCUIT DESCRIPTION	CKT NO.	CONN. LOAD (KVA)	CKT BKR	BRANCH CIRCUIT DESCRIPTION	WIRE GND SIZE
12 12	HEAT TRACE	20/1	0.060 1	A 2	1.52 BLAST CHILLER	12 12
10 10	N1-44 FREEZER COND.	30/3	2.617 3	B 4	1.560 -	12 -
- 10	-	-	2.617 5	C 6	1.32 FRIDGE	12 12
- 10	-	-	2.617 7	A 8	1.51 FRIDGE	12 12
12 12	N1-43 FREEZER EVAP.	20/2	1.664 9	B 10	1-06 ICE CUBER	12 12
- 12	-	-	1.664 11	C 12	1.63 COFFEE BREWER	8 10
12 12	N1-42 WALK-IN LIGHTS	20/1	1.500 13	A 14	3.016 -	8 -
12 12	N1-45 COOLER EVAP.	20/1	0.192 15	B 16	1.352 -	GF 20/2
10 10	N1-46 COOLER COND.	25/2	1.633 17	C 18	1.352 -	12 -
- 10	-	-	1.633 19	A 20	1.800 -	GF 20/1
12 12	N1-06 ICE CREAM WELL	20/1	0.216 21	B 22	0.828 -	GF 20/1
12 12	N1-07 HOLDING CABINET	20/1	1.440 23	C 24	1.140 -	GF 20/1
- 12	-	-	1.440 25	A 26	0.480 -	GF 20/1
10 10	N1-09 HEATED WELLS	30/2	1.810 27	B 28	0.840 -	GF 20/1
- 10	-	-	1.810 29	C 30	0.480 -	GF 20/1
10 10	N1-09 HEATED WELLS	30/2	1.810 31	A 32	0.960 -	GF 20/1
- 10	-	-	1.810 33	B 34	0.500 -	20/1
12 12	N1-07 HOLDING CABINET	20/1	1.440 35	C 36	0.500 -	20/1
12 12	N1-07 HOLDING CABINET	20/1	1.440 37	A 38	1.176 -	GF 20/1
12 12	N1-07 HOLDING CABINET	20/1	1.440 39	B 40	1.176 -	GF 20/1
12 12	N1-07 HOLDING CABINET	20/1	1.440 41	C 42	1.800 -	GF 20/1
12 12	N1-07 HOLDING CABINET	20/1	1.440 43	A 44	2.319 -	40/2
12 12	N1-07 HOLDING CABINET	20/1	1.440 45	B 46	2.319 -	-
12 12	N1-07 HOLDING CABINET	20/1	1.440 47	C 48	0.540 -	20/1
- -	SPARE	20/1	0.000 49	A 50	0.720 -	20/1
- -	SPARE	20/1	0.000 51	B 52	0.360 -	20/1
- -	SPARE	20/1	0.000 53	C 54	0.360 -	20/1
- -	SPARE	20/1	0.000 55	A 56	0.360 -	20/1
- -	SPARE	20/1	0.000 57	B 58	0.360 -	20/1
- -	SPARE	20/1	0.000 59	C 60	0.000 -	20/1
- -	SPARE	20/1	0.000 61	A 62	0.000 -	20/1
- -	SPARE	20/1	0.000 63	B 64	0.000 -	20/1
- -	SPARE	20/1	0.000 65	C 66	0.000 -	20/1
- -	SPACE	-	0.000 67	A 68	0.000 -	-
- -	SPACE	-	0.000 69	B 70	0.000 -	-
- -	SPACE	-	0.000 71	C 72	0.000 -	-

Panel ID: K		Voltage: 208 / 120		Panel Type: SEE SPEC		
Location: ELECTRICAL ROOM		Phase: 3		Enclosure: NEMA-1		
Mounting: SURFACE		Wire: 4		Main Size: 400 Amps		
Minimum breaker AIC to be 22,000. All circuit breakers shall be standard bolt-on type, unless noted otherwise. ** = Refer to one line diagram for wire sizes.						
GND WIRE SIZE	BRANCH CIRCUIT DESCRIPTION	CKT NO.	CONN. LOAD (KVA)	CKT BKR	BRANCH CIRCUIT DESCRIPTION	WIRE GND SIZE
12 12	N1-14 HEAT LAMPS	20/1	1.512 1	A 2	0.840 -	GF 20/1
12 12	N1-32 FRIDGE	20/1	0.756 3	B 4	0.408 -	GF 20/1
- 12	-	-	0.612 5	C 6	0.432 -	GF 20/1
- 12	-	-	0.612 7	A 8	0.900 -	GF 20/1
- 12	-	-	0.612 9	B 10	0.900 -	GF 20/1
- 12	-	-	0.936 11	C 12	0.900 -	GF 20/1
- 12	-	-	0.936 13	A 14	0.000 -	GF 20/1
- 12	-	-	0.936 15	B 16	0.396 -	GF 20/1
- 10	1-10 EX. DISH. HEATER	45/3	4.083 17	C 18	6.000 -	GF 20/3
- 6	-	-	4.083 19	A 20	6.000 -	-
- 6	-	-	4.083 21	B 22	6.000 -	-
12 12	SHUNT TRIP CONT.	20/1	0.200 23	C 24	2.329 -	40/3
12 12	ELEC. ROOM REC	20/1	0.540 25	A 26	2.329 -	-
12 12	STORAGE ROOM REC	20/1	1.080 27	B 28	2.329 -	-
12 12	KITCHEN LIGHTING	20/1	0.450 29	C 30	1.801 -	30/3
12 12	KITCHEN LIGHTING	20/1	1.150 31	A 32	1.801 -	-
12 12	STORAGE RM LIGHTING	20/1	0.418 33	B 34	1.801 -	-
10 6	N1-31.1 COMBI THERM	50/3	5.500 35	C 36	1.801 -	30/3
- 6	-	-	5.500 37	A 38	1.801 -	-
- 6	-	-	5.500 39	B 40	1.801 -	-
- -	SPARE	20/1	0.000 41	C 42	0.516 -	20/1
- -	SPARE	20/1	0.000 43	A 44	0.360 -	20/1
- -	SPARE	20/1	0.000 45	B 46	0.000 -	20/1
- -	SPARE	20/1	0.000 47	C 48	0.000 -	20/1
- -	SPARE	20/1	0.000 49	A 50	0.000 -	30/1
- -	SPARE	20/1	0.000 51	B 52	0.000 -	30/1
- -	SPARE	20/1	0.000 53	C 54	0.000 -	30/2
- -	SPARE	20/1	0.000 55	A 56	0.500 -	-
- -	SPARE	20/2	0.500 57	B 58	0.500 -	30/2
- -	SPARE	-	0.500 59	C 60	0.500 -	-
- -	SPARE	20/3	0.500 61	A 62	0.500 -	30/2
- -	SPARE	-	0.500 63	B 64	0.500 -	-
- -	SPACE	-	0.500 65	C 66	0.500 -	30/2
- -	SPACE	-	0.500 67	A 68	0.500 -	-
- -	SPACE	-	0.500 69	B 70	0.500 -	30/2
- -	SPACE	-	0.500 71	C 72	0.500 -	-

Demand Load Panel Summary	Connected Load Panel Summary	Breaker Options (If Used):
53.4 KVA	Phase A: 25.0 KVA	TC - Time Clock Control
148.1 AMPS	Phase B: 21.8 KVA	LO - Lock-On Device
J+K DEMAND	Phase C: 23.5 KVA	GF - GND Fault CKT Interrupter
120.2 KVA	Total: 70.3 KVA	E - Existing to Remain
333.7 AMPS		SH - Shunt Trip Breaker

Demand Load Panel Summary	Connected Load Panel Summary	Breaker Options (If Used):
66.8 KVA	Phase A: 30.9 KVA	TC - Time Clock Control
185.5 AMPS	Phase B: 30.6 KVA	LO - Lock-On Device
	Phase C: 29.1 KVA	GF - GND Fault CKT Interrupter
	Total: 89.9 KVA	E - Existing to Remain
		SH - Shunt Trip Breaker

848-26005.DWG

PRATER

Engineering Associates, Inc.

6130 Wilcox Road
Dublin, Ohio 43016
(614) 766-4896
praterengineering.com

DESIGNED BY: N.G.U. DRAWN BY: N.T.G. CHECKED BY: J.W.N. DATE: 26005

bdt ARCHITECT & DESIGNER

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807 PROJECT NO: 25005
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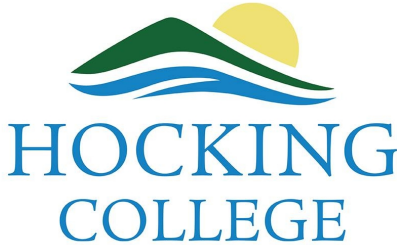
PROFESSIONAL SEAL
STATE OF OHIO
NATHAN GUY
E-85081
REGISTERED PROFESSIONAL ENGINEER
03/23/26

NO.	DATE	DESCRIPTION
03/23/26		BID/PERMIT
1	03/31/26	ADDENDUM 1

PROJECT TITLE
HOCKING COLLEGE
CULINARY RENOVATION
15770 OH-691
NELSONVILLE, OH 45764

PROJECT NUMBER: 25005
DATE: 3-23-26
DRAWN:
SHEET TITLE
NEW WORK ELECTRICAL
ONE-LINE
SHEET
E4B

FOODSERVICE
EQUIPMENT CUTSHEETS
BID/PERMIT ISSUE - 3.23.2026



Description: Area Drain

Notes: Area Drain

Description: Floor Sink

Notes: Floor Sink



STAINLESS STEEL

HAND SINKS

12" WIDE SPACE-SAVER UNITS

Conforms To NSF 61/9 Lead Free Requirements



7-PS-22



7-PS-23



7-PS-53

WITH SOAP & TOWEL DISPENSERS



7-PS-84



7-PS-83



7-PS-73



7-PS-89

Item #:	Qty #:
Model #:	
Project #:	

FEATURES:

One piece 9" x 9" x 5" **Deep Drawn** sink bowl design.
 All sink bowls have a large liberal radii with a minimum dimension of 1" and are square in design.
 2" stainless steel drain with crumb basket.
 Units with towel dispensers use standard C-fold towels.

Specific Features:

- 7-PS-22** - 4" O.C. K-22 deck mounted faucet with aerator.
- 7-PS-83** - 4" O.C. K-22 deck mounted faucet with aerator. Liquid soap & towel dispenser with hinged towel box.
- 7-PS-23** - 4" O.C. K-123 splash mounted faucet with aerator.
- 7-PS-84** - 4" O.C. K-123 splash mounted faucet with aerator. Liquid soap & towel dispenser with hinged towel box.
- 7-PS-53** - 4" O.C. K-175 splash mounted electronic faucet with aerator.
- 7-PS-73** - 4" O.C. K-123 splash mounted faucet with aerator. Liquid soap & towel dispenser with hinged towel box. 7 3/4" high Side Splashes (from top of deck).
- 7-PS-89** - 4" O.C. K-175 splash mounted electronic faucet with aerator. Liquid soap & towel dispenser with hinged towel box. 7 3/4" high Side Splashes (from top of deck).

CONSTRUCTION:

All TIG welded.
 Welded areas blended to match adjacent surfaces and to a satin finish.
 Die formed Countertop Edge with a No-Drip offset.
 One sheet of stainless steel - No Seams.

MATERIAL:

Heavy gauge type 304 series stainless steel.
 Wall mounting bracket is stainless steel and of offset design.
 All fittings are brass / chrome plated unless otherwise indicated.

MECHANICAL:

Faucet supply is 1/2" IPS male thread hot and cold.
Faucet Flow Rate: 1.0 GPM/3.8 LPM aerator. 60 PSI.
 Drains are 1-1/2" IPS.

⚠ WARNING:
 Equipment that includes a faucet may expose you to chemicals, including lead, that are known to the State of California to cause cancer or birth defects or other reproductive harm. For more Info., visit www.p65warnings.ca.gov.



Customer Service Available To Assist You **1-800-645-3166** 8:30 am - 7:00 pm E.S.T.

For Orders & Customer Service:

Email: customer@advancetabco.com or Fax: 631-242-6900

For Smart Fabrication™ Quotes:

Email: smartfab@advancetabco.com or Fax: 631-586-2933

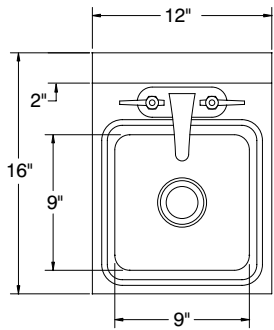
DIMENSIONS and SPECIFICATIONS

TOL Overall: ± .500" Interior: ± .250"

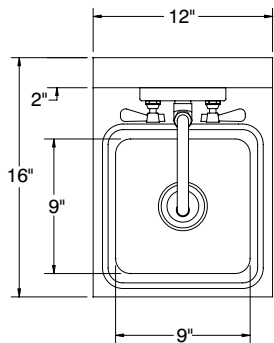
FITTINGS SUPPLIED AS SHOWN

ALL DIMENSIONS ARE TYPICAL

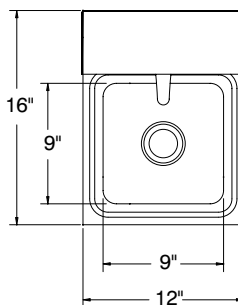
TOP VIEW FOR 7-PS-22



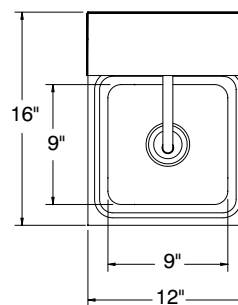
TOP VIEW FOR 7-PS-23



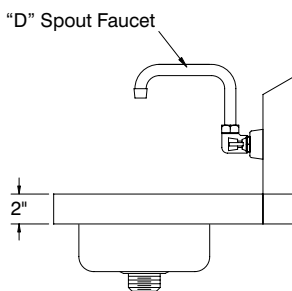
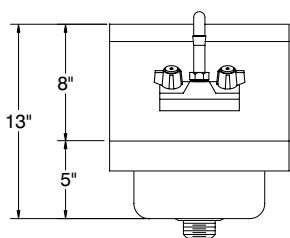
TOP VIEW FOR 7-PS-83



TOP VIEW FOR 7-PS-73/7-PS-84/7-PS-89

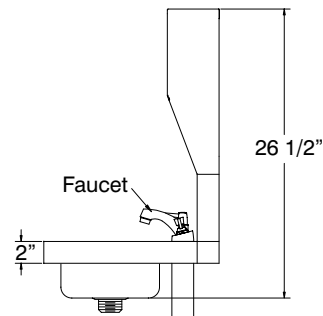
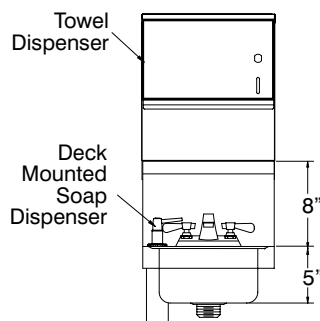


7-PS-23



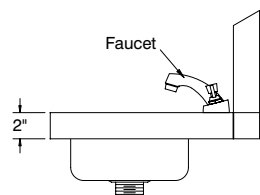
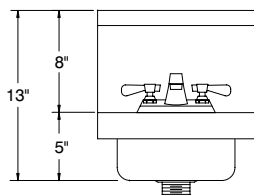
12 lbs.

7-PS-83



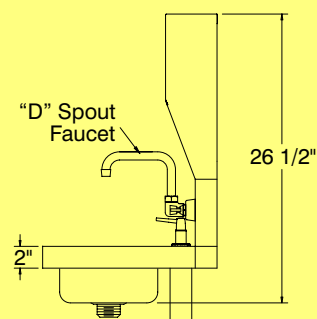
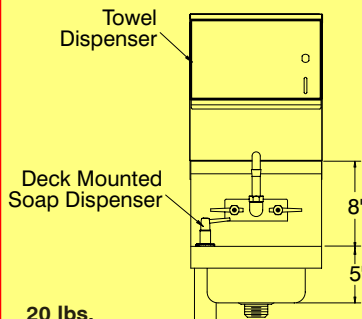
20 lbs.

7-PS-22



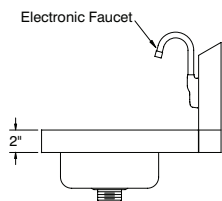
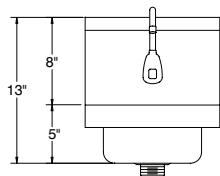
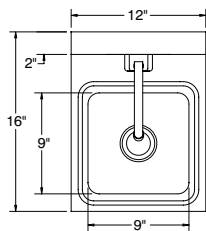
12 lbs.

7-PS-84



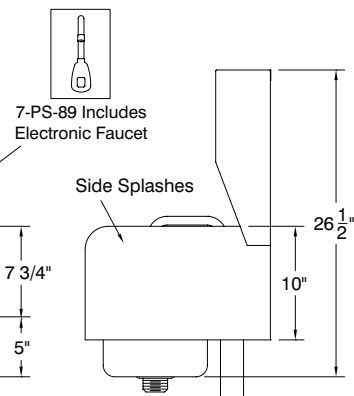
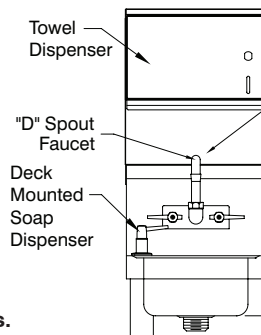
20 lbs.

7-PS-53



12 lbs.

7-PS-73/7-PS-89



31 lbs.



Description: Custom Stainless Steel Cabinet for soda bib, see plans for details.

Notes:



CUSTOM WITH SINK &
DROP-IN ICE CREAM
UNIT ITEM N1-06.

SPEC SHEET

"4CO4R5" MODULAR BASE WORK TABLES

14GA Stainless Steel Top w/5" Rear Riser - Open Front

FEATURES:

- 5" Backsplash Top With 1-1/2" Stallion Edge On Front And 90 Degree Bend Down Side Edge For Table Line-Up
- Top Is Sound Deadened Reinforced With 2"x3" Channel Running Entire Length Of Top
- Stainless Steel Leg With Adjustable Feet
- Optional Fixed (Suffix "-1S") Or Adjustable (Suffix "-1AS") Intermediate Shelf Available
- 36" Working Height
- Shipped Standard Welded Set-Up

SPECIFICATIONS:

- Top: Stainless Steel Cabinet Tops TIG Welded, Exposed Welds Are Polished To Match Adjacent Surface #4 Polished, Satin Finish
- Removable Stainless Steel Legs
- Top: 14GA Type 300 Stainless Steel With #4 Polish, Satin Finish
- Body: 18GA Type 430 Stainless Steel
- Legs: Stainless Steel With Adjustable Feet

CERTIFICATIONS:



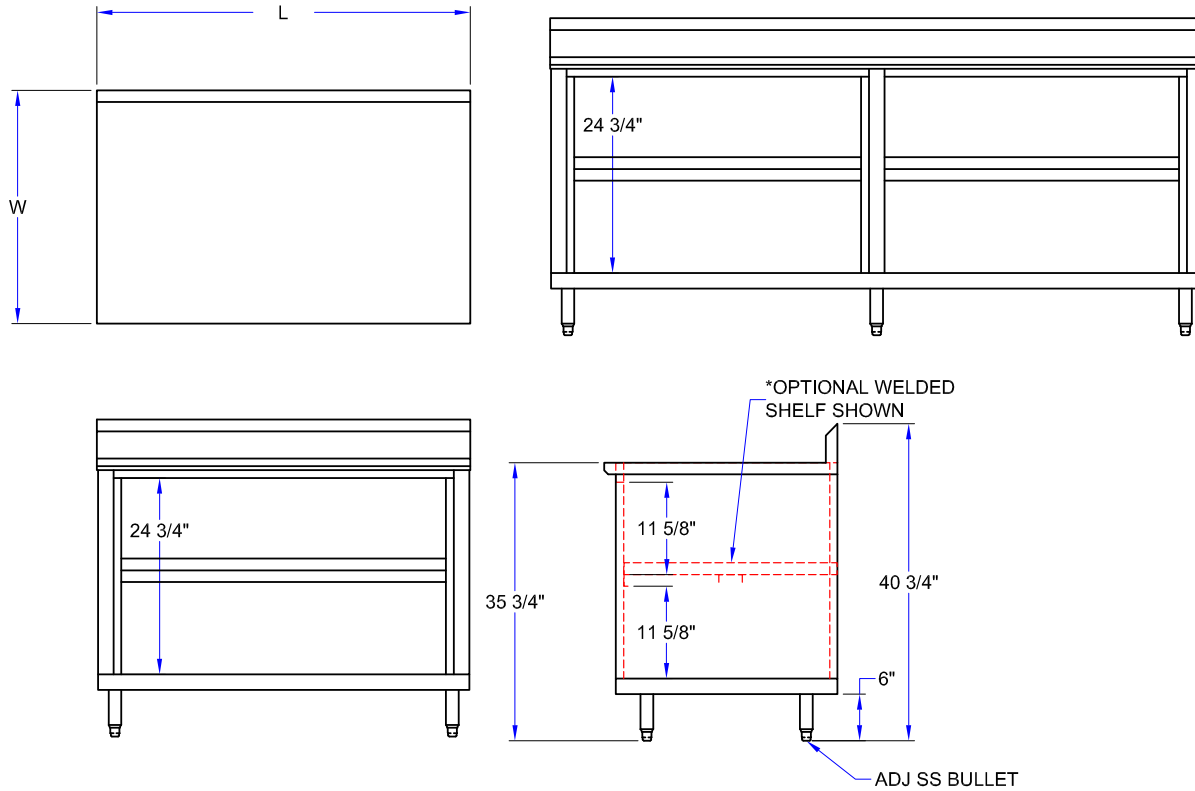
4CO4R5-3048

"4CO4R5" MODULAR BASE WORK TABLES

LENGTH	24" WIDE	WT (LBS)	30" WIDE	WT (LBS)	36" WIDE	WT (LBS)
36"	4CO4R5-2436	210	4CO4R5-3036	235	4CO4R5-3636	260
48"	4CO4R5-2448	250	4CO4R5-3048	270	4CO4R5-3648	300
60"	4CO4R5-2460	290	4CO4R5-3060	310	4CO4R5-3660	340
72"	4CO4R5-2472	335	4CO4R5-3072	350	4CO4R5-3672	385
84"	4CO4R5-2484	375	4CO4R5-3084	390	4CO4R5-3684	425
96"	4CO4R5-2496	425	4CO4R5-3096	435	4CO4R5-3696	470
108"	4CO4R5-24108	465	4CO4R5-30108	475	4CO4R5-36108	510
120"	4CO4R5-24120	500	4CO4R5-30120	525	4CO4R5-36120	550
132"	4CO4R5-24132	535	4CO4R5-30132	568	4CO4R5-36132	593
144"	4CO4R5-24144	570	4CO4R5-30144	610	4CO4R5-36144	635

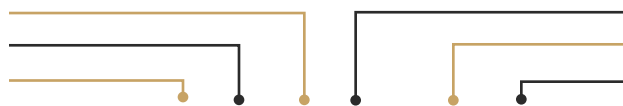
ALL DIMENSIONS ARE TYPICAL. TOLERANCE +/- .500". JOHN BOOS & CO. RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.

DETAILED SPECIFICATIONS



MODEL # STRUCTURE

4 = 14GA Top
 CO = Open Front
 4 = 430 S.S. Body



R5 = 5" Tall Riser
 24 = Width
 60 = Length

4CO4R5-2460

"4CO4R5" MODULAR BASE WORK TABLES

LENGTH	24" WIDE	WT (LBS)	30" WIDE	WT (LBS)	36" WIDE	WT (LBS)
36"	4CO4R5-2436	210	4CO4R5-3036	235	4CO4R5-3636	260
48"	4CO4R5-2448	250	4CO4R5-3048	270	4CO4R5-3648	300
60"	4CO4R5-2460	290	4CO4R5-3060	310	4CO4R5-3660	340
72"	4CO4R5-2472	335	4CO4R5-3072	350	4CO4R5-3672	385
84"	4CO4R5-2484	375	4CO4R5-3084	390	4CO4R5-3684	425
96"	4CO4R5-2496	425	4CO4R5-3096	435	4CO4R5-3696	470
108"	4CO4R5-24108	465	4CO4R5-30108	475	4CO4R5-36108	510
120"	4CO4R5-24120	500	4CO4R5-30120	525	4CO4R5-36120	550
132"	4CO4R5-24132	535	4CO4R5-30132	568	4CO4R5-36132	593
144"	4CO4R5-24144	570	4CO4R5-30144	610	4CO4R5-36144	635

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ITEM #: _____ QTY: _____
 MODEL #: _____
 PROJECT NAME: _____

101321

3601 S. Banker St. Effingham, IL 62401 • P.O. BOX 609 • Ph: (888) 431-2667 • Fax: (800) 433-2667

"CUT4" WELD-IN / UNDERMOUNT SINKS 14GA

ONE COMPARTMENT

FEATURES:

- STANDARD 14 GAUGE TYPE 300 STAINLESS STEEL WITH #4 POLISH, SATIN FINISH
- 8", 10", 12", OR 14" BOWLS
- ALL CORNERS, BOTH VERTICAL AND HORIZONTAL COVERED AT 3/4" RADIUS
- BOTTOMS OF BOWLS FORMED FOR DRAINAGE TO 3-1/2" DIAMETER DIE STAMPED OPENING
- UNIFORM SINK BOWL THICKNESS

CONSTRUCTION:

- ALL TIG WELDED, EXPOSED WELDS ARE POLISHED TO MATCH ADJACENT SURFACE

MATERIAL:

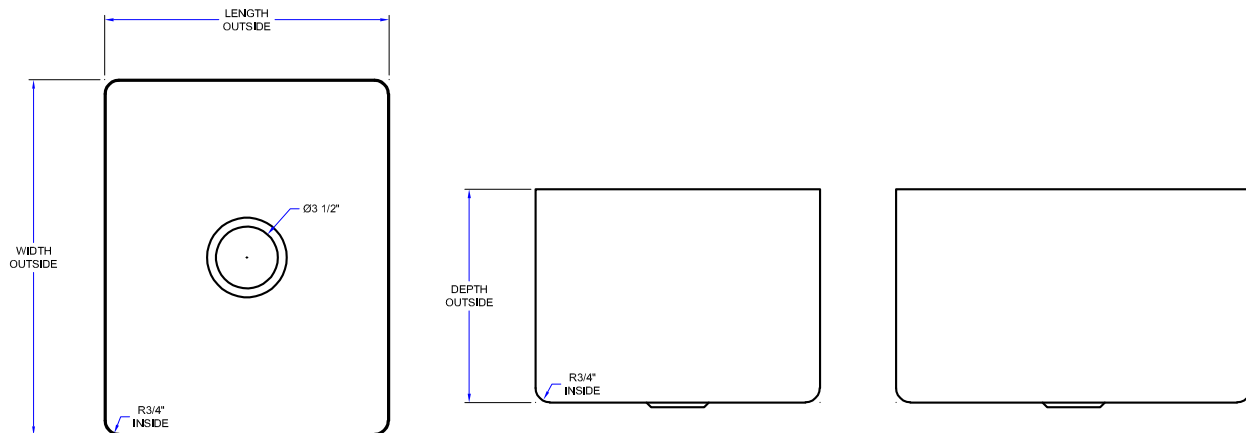
- 14 GAUGE TYPE 300 STAINLESS STEEL WITH #4 POLISH, SATIN FINISH



WELD-IN / UNDERMOUNT SINKS 14GA

MODEL #	QTY
CUT1014084	
CUT1014104	
CUT1416124	
CUT1416144	
CUT1618124	
CUT1618144	
CUT1620124	
CUT1620144	
CUT1818124	
CUT1818144	
CUT1824124	
CUT1824144	
CUT2020084	
CUT2020124	
CUT2020144	
CUT2424124	
CUT2424144	

DETAILED SPECIFICATIONS



WELD-IN / UNDERMOUNT SINKS 14GA

MODEL #	INCLUDES	DIMENSIONS (W X L X D)	WEIGHT (LBS)
CUT1014084	CUTOUT, BOWL, FAUCET HOLES & WELDING/POLISHING (NOT AVAILABLE FOR FBLG & UFBLG)	10" X 14" X 8"	20
CUT1014104	CUTOUT, BOWL, FAUCET HOLES & WELDING/POLISHING (NOT AVAILABLE FOR FBLG & UFBLG)	10" X 14" X 10"	22
CUT1416124	CUTOUT, BOWL, FAUCET HOLES & WELDING/POLISHING (NOT AVAILABLE FOR FBLG & UFBLG)	14" X 16" X 12"	26
CUT1416144	CUTOUT, BOWL, FAUCET HOLES & WELDING/POLISHING (NOT AVAILABLE FOR FBLG & UFBLG)	14" X 16" X 14"	37
CUT1618124	CUTOUT, BOWL, FAUCET HOLES & WELDING/POLISHING (NOT AVAILABLE FOR FBLG & UFBLG)	16" X 18" X 12"	37
CUT1618144	CUTOUT, BOWL, FAUCET HOLES & WELDING/POLISHING (NOT AVAILABLE FOR FBLG & UFBLG)	16" X 18" X 14"	45
CUT1620124	CUTOUT, BOWL, FAUCET HOLES & WELDING/POLISHING (NOT AVAILABLE FOR FBLG & UFBLG)	16" X 20" X 12"	39
CUT1620144	CUTOUT, BOWL, FAUCET HOLES & WELDING/POLISHING (NOT AVAILABLE FOR FBLG & UFBLG)	16" X 20" X 14"	47
CUT1818124	CUTOUT, BOWL, FAUCET HOLES & WELDING/POLISHING (NOT AVAILABLE FOR FBLG & UFBLG)	18" X 18" X 12"	39
CUT1818144	CUTOUT, BOWL, FAUCET HOLES & WELDING/POLISHING (NOT AVAILABLE FOR FBLG & UFBLG)	18" X 18" X 14"	47
CUT1824124	CUTOUT, BOWL, FAUCET HOLES & WELDING/POLISHING (NOT AVAILABLE FOR FBLG & UFBLG)	18" X 24" X 12"	44
CUT1824144	CUTOUT, BOWL, FAUCET HOLES & WELDING/POLISHING (NOT AVAILABLE FOR FBLG & UFBLG)	18" X 24" X 14"	53
CUT2020084	CUTOUT, BOWL, FAUCET HOLES & WELDING/POLISHING (NOT AVAILABLE FOR FBLG & UFBLG)	20" X 20" X 8"	28
CUT2020124	CUTOUT, BOWL, FAUCET HOLES & WELDING/POLISHING (NOT AVAILABLE FOR FBLG & UFBLG)	20" X 20" X 12"	46
CUT2020144	CUTOUT, BOWL, FAUCET HOLES & WELDING/POLISHING (NOT AVAILABLE FOR FBLG & UFBLG)	20" X 20" X 14"	50
CUT2424124	CUTOUT, BOWL, FAUCET HOLES & WELDING/POLISHING (NOT AVAILABLE FOR FBLG & UFBLG)	24" X 24" X 12"	55
CUT2424144	CUTOUT, BOWL, FAUCET HOLES & WELDING/POLISHING (NOT AVAILABLE FOR FBLG & UFBLG)	24" X 24" X 14"	60

SOME UNITS SHIP UNASSEMBLED FOR REDUCED SHIPPING COST. ALL DIMENSIONS ARE TYPICAL. TOLERANCE +/- .500"

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101321

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855



SPEC SHEET

"PBF-SLF" HEAVY DUTY FAUCETS

Low-Lead, Splash Mount w/Swing Spout, 8" O.C.

FEATURES:

- Heavy Duty Double Seat 1/4" Turn Ceramic Cartridges
- Color Coded Hot & Cold Indicators
- Double O-Ring Spout Seal
- High Polished Triple Dipped Chrome Finish
- Integral Check Valve
- Lead Free Compliant

CERTIFICATIONS:



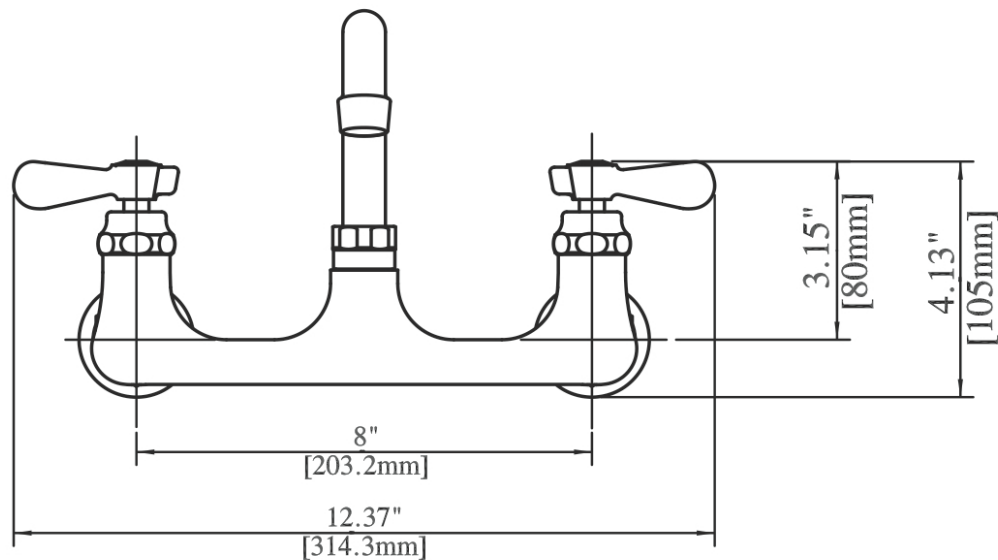
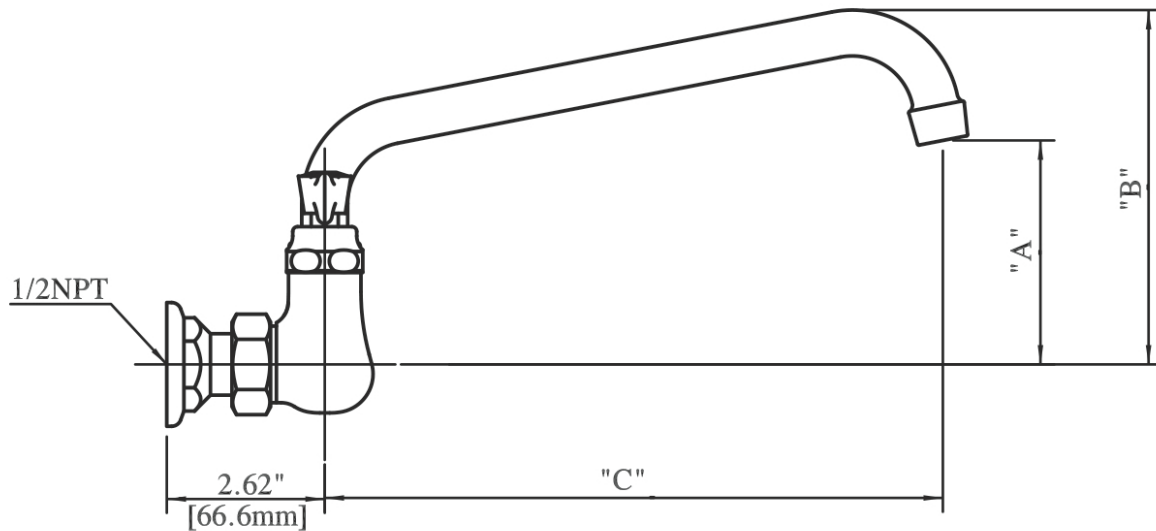
PBF-8-SLF

"PBF-SLF" LOW-LEAD HEAVY DUTY FAUCETS

MODEL	SWING LENGTH	A	B	C	WEIGHT (LBS)
PBF-8-SLF	8"	2.75"	5"	8"	6
PBF-10-SLF	10"	2.69"	5.38"	10"	7
PBF-12-SLF	12"	3.56"	5.75"	12"	7
PBF-14-SLF	14"	3.38"	6.14"	14"	8
PBF-16-SLF	16"	4.31"	6.56"	16"	9

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DETAILED SPECIFICATIONS



"PBF-SLF" LOW-LEAD HEAVY DUTY FAUCETS

MODEL	SWING LENGTH	A	B	C	WEIGHT (LBS)
PBF-8-SLF	8"	2.75"	5"	8"	6
PBF-10-SLF	10"	2.69"	5.38"	10"	7
PBF-12-SLF	12"	3.56"	5.75"	12"	7
PBF-14-SLF	14"	3.38"	6.14"	14"	8
PBF-16-SLF	16"	4.31"	6.56"	16"	9

ALL DIMENSIONS ARE TYPICAL. TOLERANCE +/- .500". JOHN BOOS & CO. RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.



ITEM #: _____ QTY: _____
 MODEL #: _____
 PROJECT NAME: _____

020121

3601 S. Banker St. Effingham, IL 62401 • P.O. BOX 609 • Ph: (888) 431-2667 • Fax: (800) 433-2667

FAUCETS & PARTS



PBF-FV2-SM-35GLF



PB-KV1-SM-35GLF



PB-KV1-DM-35GLF



PB-KV2-SM-35GLF



PB-KV2-DM-35GLF



PB-WR



PB-LWR-1



PB-PT1.5



PBF-SS-6

FAUCETS & PARTS

	MODEL #	QTY	DESCRIPTION	WT.
FOOT VALVE	PBF-FV2-SM-35GLF		W/ 3-1/2" GOOSENECK SPOUT (LOW LEAD)	3
KNEE VALVE	PBF-KV1-SM-35GLF		SINGLE PEDAL, SPLASH MOUNT, 3.5" GOOSE NECK (LOW LEAD)	3
	PBF-KV1-DM-35GLF		SINGLE PEDAL, DECK MOUNT, 3.5" GOOSE NECK (LOW LEAD)	2.5
	PBF-KV2-SM-35GLF		DOUBLE PEDAL, SPLASH MOUNT, 3.5" GOOSE NECK (LOW LEAD)	2
	PBF-KV2-DM-35GLF		DOUBLE PEDAL, DECK MOUNT, 3.5" GOOSE NECK (LOW LEAD)	4
WRIST BLADES	PB-WR		ADA, STAINLESS STEEL, (1 PAIR), USE W/ HEAVY DUTY FAUCETS ONLY	1
TWIST ACTION LEVER DRAINS	PB-LWR-1		FITS 3-1/2" DRAIN OPENING, 2" OUTLET	4
	PB-LWR-10V		FITS 3-1/2" DRAIN OPENING, 2" OUTLET, W/ OVERFLOW	4
STRAIGHT ACTION LEVER DRAINS	PB-LWS-1		FITS 3-1/2" DRAIN OPENING, 2" OUTLET	4
	PB-LWS-10V		W/ OVERFLOW, FITS 3-1/2" DRAIN OPENING	4
P-TRAPS	PB-PT1.5		FOR HAND SINKS, P-TRAP 1-1/2" & TAIL PIPE	7
MOP SINK FAUCET	PBF-SS-6		VACUUM BREAKER NOZZLE W/ 3-4" GARDEN HOSE THREAD, PAIL HOOK, TOP SUPPORT ARM, 1/2" NPT FEMALE FLANGED, W/ ADJUSTABLE INLET W/ SCREWDRIVER STOP	5
MOUNTING KIT	PB-DMMK		FOR DECK MOUNT, INCLUDES (2) 1/2" SUPPLY NIPPLES, (2) RETAINER NUTS, (2) LOCK WASHERS & (2) RUBBER WASHERS	1
	PB-SMMK-90		FOR SPLASH MOUNT, INCLUDES (2) 1/2" SUPPLY NIPPLES, (2) RETAINER NUTS, (2) LOCK WASHERS, (2) RUBBER WASHERS & (2) MALE & FEMALE SHORT 90° ELBOWS	1

SOME UNITS SHIP UNASSEMBLED FOR REDUCED SHIPPING COST. ALL DIMENSIONS ARE TYPICAL. TOLERANCE +/- .500"

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ITEM #: _____ QTY: _____
 MODEL #: _____
 PROJECT NAME: _____

020121

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FAUCETS & PARTS



PBF-FV2-SM-35GLF



PB-KV1-SM-35GLF



PB-KV1-DM-35GLF



PB-KV2-SM-35GLF



PB-KV2-DM-35GLF



PB-WR



PB-LWR-1



PB-PT1.5



PBF-SS-6

FAUCETS & PARTS

	MODEL #	QTY	DESCRIPTION	WT.
FOOT VALVE	PBF-FV2-SM-35GLF		W/ 3-1/2" GOOSENECK SPOUT (LOW LEAD)	3
KNEE VALVE	PBF-KV1-SM-35GLF		SINGLE PEDAL, SPLASH MOUNT, 3.5" GOOSE NECK (LOW LEAD)	3
	PBF-KV1-DM-35GLF		SINGLE PEDAL, DECK MOUNT, 3.5" GOOSE NECK (LOW LEAD)	2.5
	PBF-KV2-SM-35GLF		DOUBLE PEDAL, SPLASH MOUNT, 3.5" GOOSE NECK (LOW LEAD)	2
	PBF-KV2-DM-35GLF		DOUBLE PEDAL, DECK MOUNT, 3.5" GOOSE NECK (LOW LEAD)	4
WRIST BLADES	PB-WR		ADA, STAINLESS STEEL, (1 PAIR), USE W/ HEAVY DUTY FAUCETS ONLY	1
TWIST ACTION LEVER DRAINS	PB-LWR-1		FITS 3-1/2" DRAIN OPENING, 2" OUTLET	4
	PB-LWR-10V		FITS 3-1/2" DRAIN OPENING, 2" OUTLET, W/ OVERFLOW	4
STRAIGHT ACTION LEVER DRAINS	PB-LWS-1		FITS 3-1/2" DRAIN OPENING, 2" OUTLET	4
	PB-LWS-10V		W/ OVERFLOW, FITS 3-1/2" DRAIN OPENING	4
P-TRAPS	PB-PT1.5		FOR HAND SINKS, P-TRAP 1-1/2" & TAIL PIPE	7
MOP SINK FAUCET	PBF-SS-6		VACUUM BREAKER NOZZLE W/ 3-4" GARDEN HOSE THREAD, PAIL HOOK, TOP SUPPORT ARM, 1/2" NPT FEMALE FLANGED, W/ ADJUSTABLE INLET W/ SCREWDRIVER STOP	5
MOUNTING KIT	PB-DMMK		FOR DECK MOUNT, INCLUDES (2) 1/2" SUPPLY NIPPLES, (2) RETAINER NUTS, (2) LOCK WASHERS & (2) RUBBER WASHERS	1
	PB-SMMK-90		FOR SPLASH MOUNT, INCLUDES (2) 1/2" SUPPLY NIPPLES, (2) RETAINER NUTS, (2) LOCK WASHERS, (2) RUBBER WASHERS & (2) MALE & FEMALE SHORT 90° ELBOWS	1

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N225P/N227P

Self-Contained Drop-In Freezer

Project _____
 Item _____
 Quantity _____
 CSI Section 11400
 Approved _____
 Date _____

N225P/N227P

Models

- N225P 6 Gallon Drop In Freezer with Stainless Steel Lid
- N227P 12 Gallon Drop In Freezer with Stainless Steel Lid



N227P

Standard Features

- Suitable for ice cream storage
- 18-gauge stainless steel top
- Die stamped top opening with raised edge
- High-density environmentally friendly, Kyoto Protocol Compliant, Non ODP (Ozone Depletion Potential), Non GWP (Global Warming Potential) polyurethane foam throughout unit
- Mechanically cooled -5° to +40°F tank
- Folding removable cover with external handle
- 8' cord and plug
- Environmentally friendly R290 refrigerant
- One year parts and 90 day labor standard warranty

Options & Accessories

- Locking device
- Clear lid (shipped loose)
- Remote toggle switch assembly (shipped loose) (AS000-473-003W)

Specifications

Model N225P

Top of 18-gauge stainless steel, has 0.63" (1.73 cm) overhang front to back and 0.70" (1.78 cm) right to left, one die-stamped 10.50" (26.67 cm) x 20.68" (52.52 cm) opening with raised edges. Opening is fitted with insulated, folding, lift-off cover. N225P model available with optional acrylic lid which is sold separately, quantity of 1 required.

Freezer compartment interior is 22-gauge stainless steel and measures 10.81" (27.46 cm) x 22.12" (56.18 cm) x 12.18" (30.94 cm) high. Compartment sides are wrapped with refrigeration lines. Sides and bottom are insulated with high-density closed-cell environmentally friendly, Kyoto Protocol Compliant, Non ODP (Ozone Depletion Potential), Non GWP (Global Warming Potential) polyurethane. Unit is designed to maintain -5° to +40°F. Cabinet capacity is 6 gallons.

Condensing unit mounted below freezer compartment on 16-gauge steel frame, has 0.20 H.P. rating.

A stainless steel louver, 13" (33 cm) x 25" (63.5 cm), is supplied for field installation. The cutout size for the louver is 12.00" (30.48 cm) x 23.50" (59.68 cm).

Model N227P

Top of 18-gauge stainless steel, has 0.63" (1.73 cm) overhang front to back and 0.70" (1.78 cm) right to left, two die-stamped 10.50" (26.67 cm) x 20.68" (52.52 cm) opening with raised edges. Openings are fitted with insulated, folding, lift-off covers. N227P model available with optional acrylic lid which is sold separately, quantity of 2 required.

Freezer compartment has 22-gauge stainless steel interior and measures 24.25" (61.60 cm) x 22.12" (56.18 cm) x 12.18" (30.94 cm) high. Compartment sides are wrapped with refrigeration lines. Insulation on sides and on bottom is high-density closed-cell environmentally friendly, Kyoto Protocol Compliant, Non ODP (Ozone Depletion Potential), Non GWP (Global Warming Potential) polyurethane. Unit is designed to maintain -5° to +40°F. Cabinet capacity is 12 gallons.

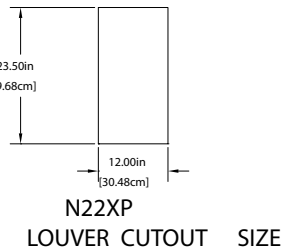
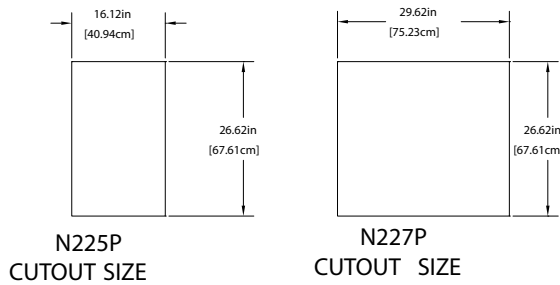
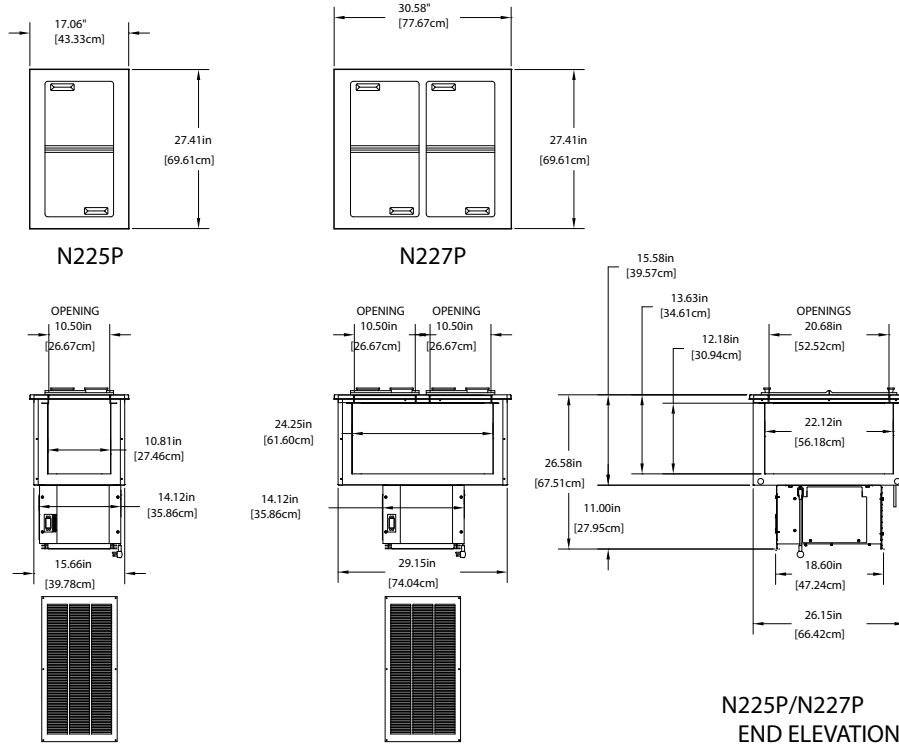
0.25 H.P. condensing unit is mounted below freezing compartment on 16-gauge steel frame.

A stainless steel louver, 13" (33 cm) x 25" (63.5 cm), is supplied for field installation. The cutout size for the louver is 12.00" (30.48 cm) x 23.50" (59.68 cm).





N225P/N227P



Self-Contained Drop-In Freezer

N225P/N227P

Specifications

Model	Capacity	H.P.	V/Hz/Ph	Amps	Nema Plug	Ship Weight	KWH
N225P	6 Gallons	0.20	115/60/1	1.8	5-15P	115lbs/52kg	0.37
N227P	12 Gallons	0.25	115/60/1	2.9	5-15P	191lbs/87kg	0.62

Welbilt reserves the right to make changes to the design or specifications without prior notice.

980 S. Isabella Rd.
Mt. Pleasant, Michigan 48858

Phone: 800-733-8948 or 989-773-7981
Fax: 800-669-0619
www.delfield.com

Printed in the U.S.A.
5858C_DEL_N225P_N227P
10/17



{13.96}

Metro® C5 6 Series Heated Holding Cabinet

Metro C5 6 Series cabinets provide control of temperature for safe and hot food.

Control: Temperature is displayed on an “always-on” analog thermometer for continuous monitoring of the cabinet temperature, even when turned off or unplugged.

Performance: Rapid heat-up and recovery times are achieved with a thermostatically controlled ducted heating system.

Passive Humidity: An integral water pan system can be used to add humidity to the cabinet environment, improving food quality

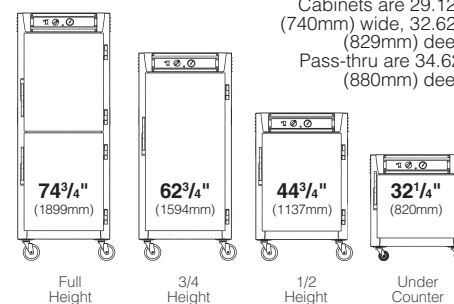
Available sizes & configurations:

- *Sizes: Full, 3/4, half, and under counter models*
- *Doors: Choose from full-length or dutch-solid and clear insulated*
- *Pan slides: Universal to accommodate 12" x 20" steam/GN pans and 18" x 26" sheet pans, adjustable on 1.5" increments. Lip load to exclusively accommodate 18" x 26" sheet pans on 1.5" fixed increments.*
- *Pass-thru: On full and half height models.*

Reliability: Reliability and durability are designed into C5 from the ground up. High-quality components and robust construction provide a long life of service and worry-free use.

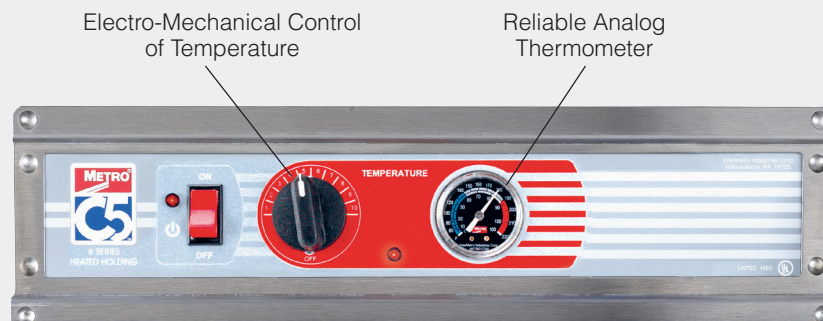
Top-Mounted Controls: Ergonomic user-friendly controls are mounted at the top of the cabinet for easier access, better readability, to prevent damage, and to simplify cleaning.

ENERGY STAR: Full Height, 3/4 Height, and 1/2 Height Stainless Steel reach-in models with solid doors, and 1/2 Height Stainless Steel reach-in models with clear doors are ENERGY STAR rated.



6 Series Controller:

- **Temperature:** The easy-to-use dial puts you in control of cabinet temperature.
- **Reliable Readout:** Measures and displays actual cabinet temperature even when the cabinet is off.
- **Analog Thermometer:** An “always-on” thermometer makes it ideal for transport applications.



Metro Heated cabinets are for hot food holding applications only.

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

{13.96}

Metro® C5 6 Series Heated Holding Cabinet

Specifications

Cabinet Material: Type 304 stainless steel; 20-gauge polished exterior; 22-gauge interior.

Insulation: Full perimeter, 2.5" thick, high-density fiberglass. R Value=9.9

Casters: Four casters with 5" donut neoprene wheel, double ball bearing swivel, ball bearing axle, nickel plated, two with brake. 3" rubber casters on Under Counter models.

Doors: Solid doors are fully insulated, double-panel construction. Clear doors are double-pane, tempered glass. Argon filled with Low-E coating. Self-closing, lift-off, with long-life nylon bearings. Field reversible.

Gaskets: High temperature, cabinet mounted, Santoprene gaskets.

Latches: Chrome plated, high-strength magnetic pull latch with lever-action release.

Handles: Four built-in polymer handles.

Universal Wire Slides: 1/4" (6.4mm) diameter nickel-chrome wire adjustable on 1-1/2" (38mm) increments. Type 304, stainless steel vertical uprights.

Lip Load Slides: 1 1/2" x 1/2" x .063" (38mm x 13mm x 1.6mm) extruded aluminum channel slides on stainless steel vertical uprights.

Display and Controls: Analog thermometer with independent thermostat control knob.

Heat Generation System: Thermostatically controlled closed loop feedback with tubular heating elements, ball bearing blower motor, and ducted air system.

Cord: 7 1/2' (229cm) cord with NEMA 5-20P plug on 120V 2000W models, NEMA 5-15P plug on 120V 1440W models, and NEMA 6-15P plug on 220-240V 1681-2000W models. Cord mounted on top (Full, 3/4 heights or back (1/2 height, Under Counter) can be field reversed without re-wiring .

Performance: 90°F (32°C) to 200°F (93°C), temperature range.

Recommended Clearances for Enclosures: 1 1/2" (38mm)" clearance from cabinet walls on sides and back, and 6" (152mm) clearance on top. Minimum 1/2" (13mm) clearance above under counter units is required.

Reach-In Model Number Description



C569-SDS-U

*Dutch doors only available on full-size models. **Under counter not available in 120V, 2000W. NEMA 5-20P For Standard Wattage Cabinets (120V, 16A, 60Hz, 2000W)



C569-SDS-UPDS

*Please note: Pass-Thru is only available on Full and 1/2 Height Models.

Low Watt Model Number Description



C569L-SDS-U

Add "L" for Lower Wattage Cabinets (120V, 12A, 60Hz, 1440W) NEMA 5-15P

Export Model Number Description



C569X-SDS-U

Add "X" for Export Cabinets (220-240V, 7.6-8.3A, 50/60Hz, 1681-2000W) NEMA 6-15P

Models with Accessories or Options



Options/Accessories:

- Small Item Shelf (C5-SHELF-S)
- Universal Slide Pair, chrome (C5-USLIDEPR-C)
- Universal Slide Pair, stainless (C5-USLIDEPR-S)
- Flush Door Latch (C5-LATCHFLUSH)*
- Key Locking Door Latch (C5-LATCHLOCK)*
- Travel Latch/Hasp (C59-TRVL)*
- Rear Push Handle (C5-HANDLE)
- Control Panel Cover (C5-COVER)
- 6" Stainless Steel Legs (C5-SSLEGS)
- 6" Casters (C5-6CASTER)
- 5" Rear Rigid Casters (C5-5RDGDCSTR)
- Straight Plug, 20 Amp, 120V (C5-STRPLG-20)
- Straight Plug, 15 Amp, 120V (C5-STRPLG-15)
- Twist Lock Plug, 20 Amp, 120V (C5-RTWSTPLG)
- Twist Lock Plug, 15 Amp, 120V (C5-RTWSTPLG-15)
- Factory Left Hand Hinging (DD3768)
- Factory Same-Side Pass-thru Door Hinging (C5-SAMESIDE)
- Stainless Steel Universal Slide Upgrades
 - Full Height (C5-USLIDE-9S)
 - 3/4 Height (C5-USLIDE-7S)
 - 1/2 Height (C5-USLIDE-5S)
 - Under Counter (C5-USLIDE-3S)

*Please note: (1) door latch must be ordered for each door (i.e. - dutch doors require (2) door latches; pass-thru dutch doors require (4) door latches)

Cabinet Size	Universal Wire Pan Capacity						Lip Load Pan Capacity		
	Slide Pairs		Sheet Pans	Steam Pans			Gastronorm 65mm Depth		Sheet Pans
	Provided	Max*	18"x26"	12"x20"x2.5"	12"x20"x4"	12"x20"x6"	2/1	1/1	18"x26"
Full Height	18	36	18	34	24	14	17	34	35
Full Height Dutch	18	35	17	32	22	12	16	32	34
3/4 Height	14	28	13	26	16	12	13	26	27
1/2 Height	9	17	8	16	10	6	8	16	17
Under Counter	5	9	5	10	6	4	5	10	10

*Maximum number of slide pairs @ 1 1/2" spacing. Additional slide pairs ordered separately.



SPEC SHEET

"4CO4R5" MODULAR BASE WORK TABLES

14GA Stainless Steel Top w/5" Rear Riser - Open Front

FEATURES:

- 5" Backsplash Top With 1-1/2" Stallion Edge On Front And 90 Degree Bend Down Side Edge For Table Line-Up
- Top Is Sound Deadened Reinforced With 2"x3" Channel Running Entire Length Of Top
- Stainless Steel Leg With Adjustable Feet
- Optional Fixed (Suffix "-1S") Or Adjustable (Suffix "-1AS") Intermediate Shelf Available
- 36" Working Height
- Shipped Standard Welded Set-Up

SPECIFICATIONS:

- Top: Stainless Steel Cabinet Tops TIG Welded, Exposed Welds Are Polished To Match Adjacent Surface #4 Polished, Satin Finish
- Removable Stainless Steel Legs
- Top: 14GA Type 300 Stainless Steel With #4 Polish, Satin Finish
- Body: 18GA Type 430 Stainless Steel
- Legs: Stainless Steel With Adjustable Feet

CERTIFICATIONS:

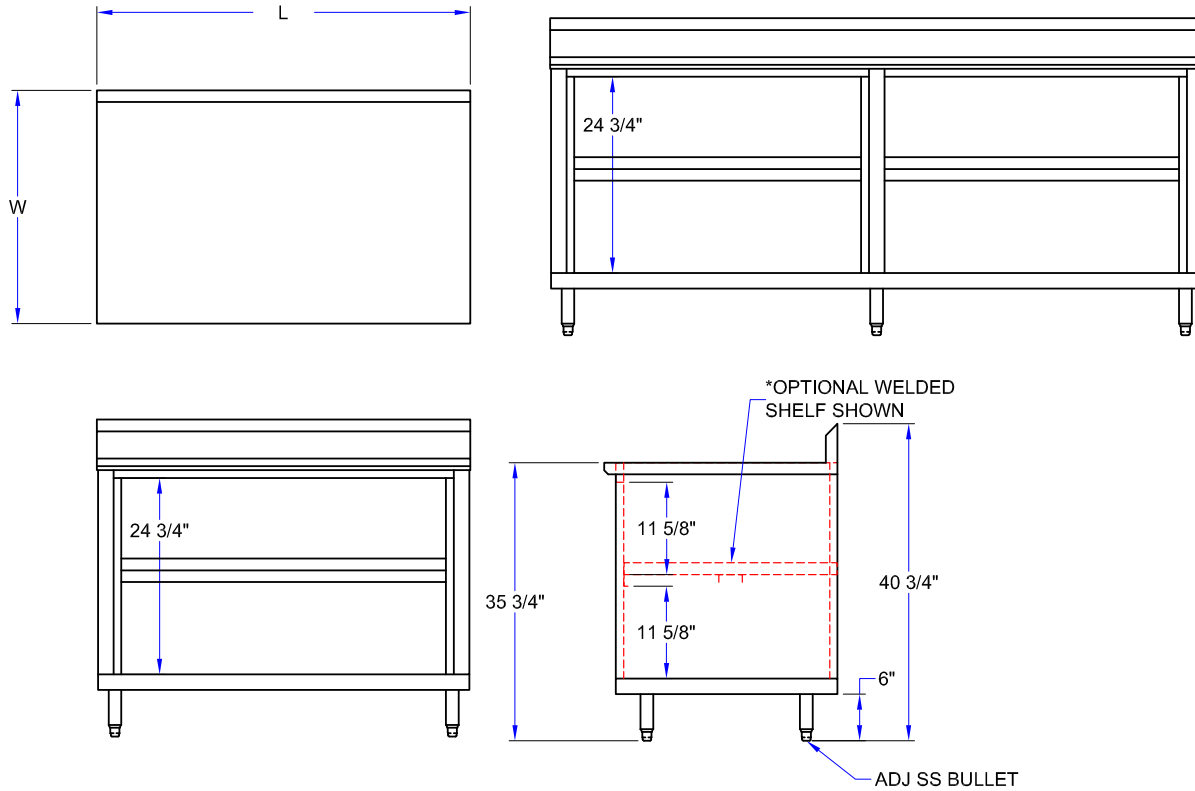
4CO4R5-3048

"4CO4R5" MODULAR BASE WORK TABLES

LENGTH	24" WIDE	WT (LBS)	30" WIDE	WT (LBS)	36" WIDE	WT (LBS)
36"	4CO4R5-2436	210	4CO4R5-3036	235	4CO4R5-3636	260
48"	4CO4R5-2448	250	4CO4R5-3048	270	4CO4R5-3648	300
60"	4CO4R5-2460	290	4CO4R5-3060	310	4CO4R5-3660	340
72"	4CO4R5-2472	335	4CO4R5-3072	350	4CO4R5-3672	385
84"	4CO4R5-2484	375	4CO4R5-3084	390	4CO4R5-3684	425
96"	4CO4R5-2496	425	4CO4R5-3096	435	4CO4R5-3696	470
108"	4CO4R5-24108	465	4CO4R5-30108	475	4CO4R5-36108	510
120"	4CO4R5-24120	500	4CO4R5-30120	525	4CO4R5-36120	550
132"	4CO4R5-24132	535	4CO4R5-30132	568	4CO4R5-36132	593
144"	4CO4R5-24144	570	4CO4R5-30144	610	4CO4R5-36144	635

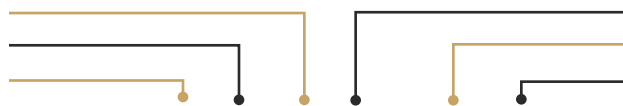
ALL DIMENSIONS ARE TYPICAL. TOLERANCE +/- .500". JOHN BOOS & CO. RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.

DETAILED SPECIFICATIONS



MODEL # STRUCTURE

4 = 14GA Top
 CO = Open Front
 4 = 430 S.S. Body



R5 = 5" Tall Riser
 24 = Width
 60 = Length

4CO4R5-2460

"4CO4R5" MODULAR BASE WORK TABLES

LENGTH	24" WIDE	WT (LBS)	30" WIDE	WT (LBS)	36" WIDE	WT (LBS)
36"	4CO4R5-2436	210	4CO4R5-3036	235	4CO4R5-3636	260
48"	4CO4R5-2448	250	4CO4R5-3048	270	4CO4R5-3648	300
60"	4CO4R5-2460	290	4CO4R5-3060	310	4CO4R5-3660	340
72"	4CO4R5-2472	335	4CO4R5-3072	350	4CO4R5-3672	385
84"	4CO4R5-2484	375	4CO4R5-3084	390	4CO4R5-3684	425
96"	4CO4R5-2496	425	4CO4R5-3096	435	4CO4R5-3696	470
108"	4CO4R5-24108	465	4CO4R5-30108	475	4CO4R5-36108	510
120"	4CO4R5-24120	500	4CO4R5-30120	525	4CO4R5-36120	550
132"	4CO4R5-24132	535	4CO4R5-30132	568	4CO4R5-36132	593
144"	4CO4R5-24144	570	4CO4R5-30144	610	4CO4R5-36144	635

ALL DIMENSIONS ARE TYPICAL. TOLERANCE +/- .500". JOHN BOOS & CO. RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.



Project _____
 Item # _____
 Quantity _____

Drop-In Modular/Ganged Heated Wells

Models:

- HWBI-1, -1D, -1DA
- HWBI-2, -2D, -2DA, -2M, -2MA,
- HWBI-3, -3D, -3DA, -3M, -3MA,**
- HWBI-4, -4D, -4DA, -4M, -4MA,
- HWBI-5, -5D, -5DA, -5M, -5MA,
- HWBI-6, -6D, -6DA, -6M, -6MA

- HWBLI-1, -1D, -1DA
- HWBLI-2, -2D, -2DA, -2M, -2MA,
- HWBLI-3, -3D, -3DA, -3M, -3MA,
- HWBLI-4, -4D, -4DA, -4M, -4MA,
- HWBLI-5, -5D, -5DA, -5M, -5MA,
- HWBLI-6, -6D, -6DA, -6M, -6MA

Hatco Modular/Ganged Heated Wells keep hot food at safe serving temperatures, with better quality construction, longer holding times and more accurate temperatures.

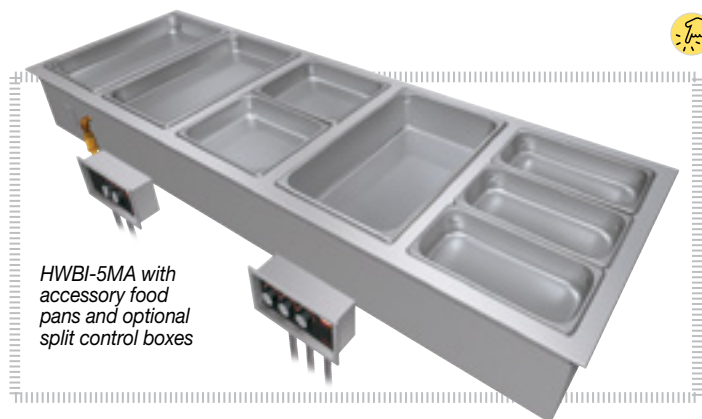
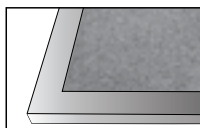
They are full-sized wells, grouped together in a modular fashion to provide customers with a complete steam table contained within one piece of equipment. This means easy installation with a clean integrated look for your steam table.

Choose the number of wells, from 1 to 6 unit configurations, as well as voltage, auto-fill, controls, drain, cord and mounting options. Each well has its own individual control to regulate the temperature of each separate food offering.

Standard features

- Longer holding times with more accurate temperatures
- Separate lighted On/Off rocker switch and temperature dial for easy operation
- 50% larger drain with flat screen simplifies cleaning and holds pans level
- Unique design allows quick change of element or thermostat if needed
- EZ locking hardware for quick installation
- Stainless steel construction and solid brazed drain fitting joints for durability
- A 6' (1829 mm) conduit is included for convenient placement of controls

Well cover accessories with Swanstone® simulated stone surface converts the well to a heated shelf. Available in one or two pan covers and is placed on top the well unit with no installation required.



HWBI-5MA with accessory food pans and optional split control boxes

Options (available at time of purchase only)

- Surface Hole Mounting to Countertop (Includes EZ Lock)
- Stud Mounting to Countertop
- Three-Phase Wiring (not available on HWBI-1 series or export voltages)
- 3 foot (914 mm) flexible conduit only available with split control boxes – not available in Canada. 6' [1829 mm] conduit is standard.
- Copper Drain Manifold with side exit (not available on 120V units, HWBI-1 or HWBLI-1 Series)
- Copper Drain Manifold with bottom exit (not available on 120V units, HWBI-1 or HWBLI-1 Series)
- Cord for HWBLI-2, -3 or HWBI-1, -2, -3, -4, -5, -6 (Single phase/single control box only, not for export voltages)
- 27" D (686 mm) Bezel for modular unit to match Hatco CWB models in a countertop display
- Gasket (Factory installed and eliminates the need for silicone or other sealants)

Accessories

- Heated Well Covers with simulated stone inset (use only in dry mode):
- 1 Pan Well Cover (14" [356 mm] W x 22" [559 mm] D x 2" H [51mm]):
 - Night Sky Gray Granite Bermuda Sand
 - 2 Pan Well Cover (28" [711 mm] W x 22" [559 mm] D x 2" H [51mm]):
 - Night Sky Gray Granite Bermuda Sand
- Rectangular Full-Size Stainless Steel Food Pans:
- Third-Size (2.5" [64 mm] H) Half-Size (2.5" [64 mm] H)
 - Full-Size (2.5" [64 mm] H) Full-Size (4" [101 mm] H)
 - Full-Size (6" [152 mm] H)
- Round Food Pans: 4 Quart (4 Liter) 7 Quart (7 Liter)
- Hinged Lid for Round Pans: 4 Quart (4 Liter) 7 Quart (7 Liter)
- Notched Lid for Round Pans: 4 Quart (4 Liter) 7 Quart (7 Liter)
- Stainless Steel Wire Trivets: Half-Size Full-Size
- Plated Wire Trivets: Half-Size Full-Size
- Adapter to Convert Warmers to hold Round Pans:
- Holds two 4-Quart (4-Liter) Rounds
 - Holds two 7-Quart (7-Liter) Rounds
- Support Bars: 12" (305 mm) 20" (508 mm)
- External Copper Drain Manifold with Individual Shut-Off Valves per Well (Only for units with individual drains):
- 2-Pan Unit 3-Pan Unit 4-Pan Unit 5-Pan Unit 6-Pan Unit
- Ball Valve for Unit with Drains: ¾" 1"
- Gate Valve for Unit with Drains: ¾" 1"
- Heated Well Remote Handle for ¾" drains

For operation, location and safety information, please refer to the Installation and Operating Manual.



HATCO CORPORATION | P.O. Box 340500 Milwaukee, WI 53234-0500 U.S.A. | (414) 671-6350

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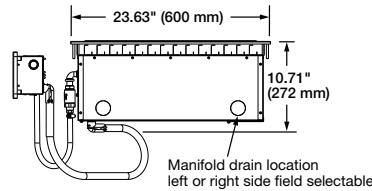
Drop-In Modular/Ganged Heated Wells

Models: HWBI/HWBLI-1, -2, -3, -4, -5, -6 (with/without Drains and Manifolds)

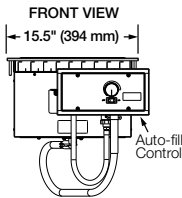
Ordering Instructions *(Please specify the following with each order)*

1. **Desired Voltage:**
 HWBI-1, -2, -3, -4, -5, -6 (D, DA, M, MA) 120V or 208V, single phase, export voltage not available
 HWBI-1, -2, -3, -4, -5, -6 Series (D, DA, M, MA) 208, 220 or 240V, export voltages available
 A. Single phase
 B. Three phase (Optional, not available for export)
2. **Desired Wattage:**
 A. Standard Watt
 B. Low Watt (120V only)
3. **Number of Modular/Ganged Heated Wells Required:**
 1-, 2-, 3-, 4-, 5-, or 6-pan
NOTE: Modular/Ganged units are only offered as rectangular, full-size (12" x 20" [305 x 508 mm])
4. **Drain** (With or without – choose drain below):
 A. Standard Individual Well ¾" NPT Drain
 B. Manifold 1" NPT Drain with side drain, field selectable left or right side (Available on HWBI or HWBLI-2, -3, -4, -5, -6 models only)
 C. Manifold 1" NPT Drain with bottom drain, field selectable left or right well (Available on HWBI or HWBLI-2, -3, -4, -5, -6 models only)
5. **Auto-fill** (With or without)
6. **Mounting Style** (All Modular/Ganged units are top mounted only):
 A. EZ Locking Hardware
 B. EZ Locking Hardware with 2" (51 mm) Studs
 C. EZ Locking Hardware with Surface Holes
7. **Bezel**
 A. Standard: 23.625" (600 mm)
 B. Oversized: allows a 27" (686 mm) deep bezel to match Hatco CWB in a countertop display
8. **Agency:**
 A. UL, C-UL
 B. UL-EPH (Sanitary listing)
 C. CE mark available on standard watt models
9. **Control:**
 A. Single Control box (Standard on all units)
 B. Split Controls boxes (Optional on 4-, 5-, 6-pan units, not available in Canada)

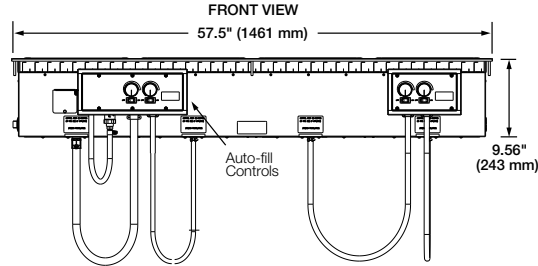
All HWBI/HWBLI-1, 2, -3, -4, -5, -6 (Side view)



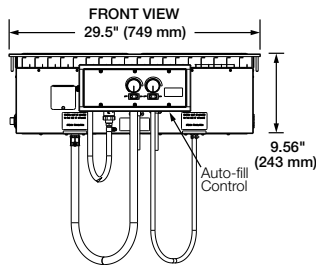
HWBI/HWBLI-1 Series



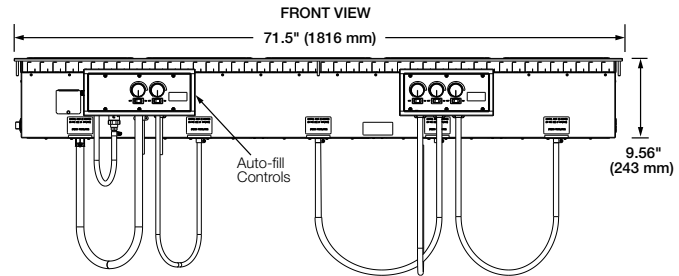
HWBI/HWBLI-4 Series



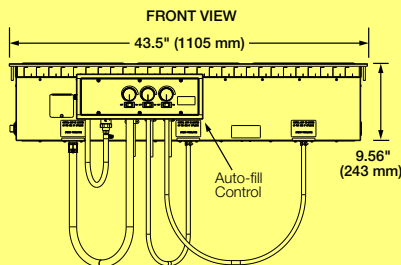
HWBI/HWBLI-2 Series



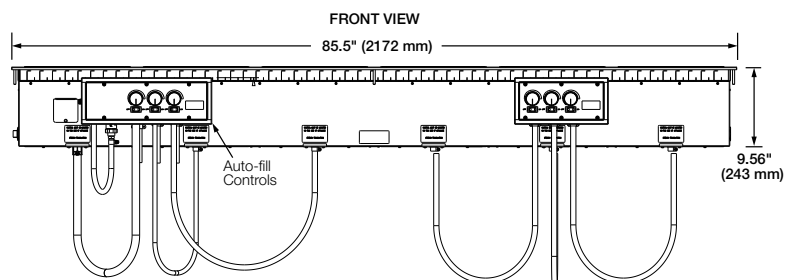
HWBI/HWBLI-5 Series



HWBI/HWBLI-3 Series



HWBI/HWBLI-6 Series











Drop-In Modular/Ganged Heated Wells

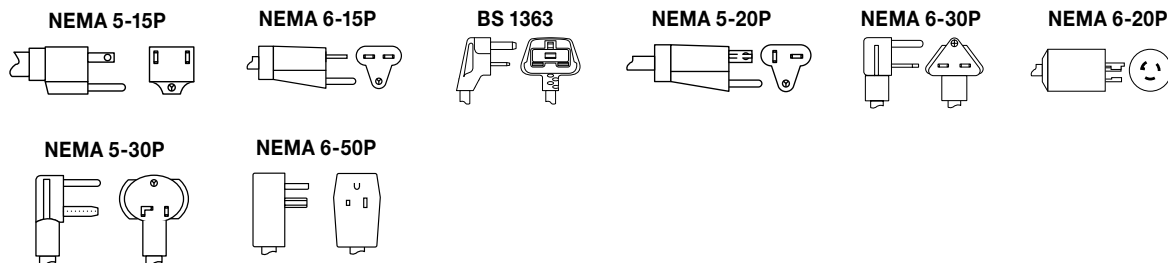
Models: HWBI/HWBLI-1, -2, -3, -4, -5, -6 (with/without Drains and Manifolds)

SPECIFICATIONS Drop-In Modular/Ganged Heated Wells

■ The shaded areas contain electrical information for International models only

Model	Dimensions (Width x Depth x Height)	Volts	Phase	Watts	Amps	Optional Plug	Control Box Configuration	Approx. Ship Weight
HWBI-4 HWBI-4D HWBI-4DA HWBI-4M HWBI-4MA	57.5" x 23.63" x 9.56" (1461 x 600 x 243 mm)	208	Single	4815	23.2	NEMA-6-30P Not Available NEMA-6-30P Not Available	Standard single 	132 lbs. (60 kg) 136 lbs. (62 kg) 133 lbs. (60 kg) 138 lbs. (63 kg) 138 lbs. (63 kg)
		208	Three		15.8			
		240	Single		20.1			
		240	Three		13.7			
		220			21.9		Optional split (Not available in Canada) 	
		220-230-CE 230-240-CE	Single	4815/5262 4422/4815	21.9/22.9 19.2/20.1	Not Available		
HWBLI-4, -D, -DA, -M, -MA		120	Single	3000	25.0	Not Available		
		208		3600	17.3			
HWBI-5 HWBI-5D HWBI-5DA HWBI-5M HWBI-5MA	71.5" x 23.63" x 9.56" (1816 x 600 x 243 mm)	208	Single	6015	28.9	NEMA-6-50P Not Available NEMA-6-50P Not Available	Standard single 	167 lbs. (76 kg) 167 lbs. (76 kg) 167 lbs. (76 kg) 167 lbs. (76 kg) 184 lbs. (84 kg)
		208	Three		20.1			
		240	Single		25.1			
		240	Three		17.4			
		220			27.3		Optional split (Not available in Canada) 	
		220-230-CE 230-240-CE	Single	6015/6574 5524/6015	27.3/28.6 24.0/25.1	Not Available		
HWBLI-5, -D, -DA M, -MA		120	Single	3750	31.3	Not Available		
		208		4500	21.6			
HWBI-6 HWBI-6D HWBI-6DA HWBI-6M HWBI-6MA	85.5" x 23.63" x 9.56" (2172 x 600 x 243 mm)	208	Single	7215	34.7	NEMA-6-50P Not Available NEMA-6-50P Not Available	Standard single 	189 lbs. (86 kg) 189 lbs. (86 kg) 193 lbs. (88 kg) 189 lbs. (86 kg) 195 lbs. (89 kg)
		208	Three		20.1			
		240	Single		30.1			
		240	Three		17.4			
		220			32.8		Optional split (Not available in Canada) 	
		220-230-CE 230-240-CE	Single	7215/7886 6626/7215	32.8/34.3 28.8/30.1	Not Available		
HWBLI-6, -D, -DA, -M, -MA		120	Single	4500	37.5	Not Available NEMA-6-50P		
		208			21.6			

PLUG CONFIGURATIONS (Optional)



PRODUCT SPECS Drop-In Modular/Ganged Heated Wells

The Drop-In Modular/Ganged Heated Well shall be a model manufactured by the Hatco Corporation, Milwaukee, WI 53234 U.S.A.

The Drop-In Modular/Ganged Heated Well shall be rated at ...watts, ...volts, and be ...inches (millimeters) in overall width and be ...inches (millimeters) in

overall depth. It shall consist of stainless and aluminized steel housing with a metal sheathed heating element, EZ locking hardware for installation, and a remote thermostat with lighted power switch.

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

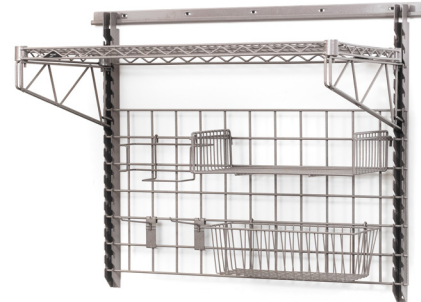
HATCO CORPORATION | P.O. Box 340500 Milwaukee, WI 53234-0500 U.S.A. | (414) 671-6350



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{10.43}

SmartWall® Wall Shelving System — Accessories



Customizable Task Stations

Accessories mount to grids and can be configured to meet the exact application. Use accessories to create unique task stations to improve organization.

Above Sinks: Use shelves, drying racks, baskets, and hooks to promote safe air drying of containers, utensils, trays, lids, and other items that are used in food preparation.

Above Prep Tables: Use baskets, grid shelves, bins, and hooks to keep the work area more organized and clean.

Large Grid Shelves with built-in front ledge

- 2" (51 mm) high front retaining edge helps to contain bulky items.
- 50 lbs. (22 kg) weight capacity.

Metroseal Gray with Microban Cat. No.	Metroseal Green with Microban Cat. No.	Stainless Steel Cat. No.	Nominal Size		Actual Height		Actual Width		Actual Length		Approx Pkd. Wt.	
			(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)
GS1436K4	GS1436K3	GS1436S	14x36	355x914	7.75	197	15.375	391	35.25	895	12	5.4
GS1448K4	GS1448K3	GS1448S	14x48	355x1219	7.75	197	15.375	391	47.25	1200	16	7.3
GS1830K4	GS1830K3	GS1830S	18x30	457x760	7.75	197	19.375	492	29.25	743	15	6.8
GS1836K4	GS1836K3	GS1836S	18x36	457x914	7.75	197	19.375	492	35.25	895	18	8.2
GS1848K4	GS1848K3	GS1848S	18x48	457x1219	7.75	197	19.375	492	47.25	1200	24	10.0

Small Grid Shelves

- Use to manage small supplies or tools.

Metroseal Gray with Microban Cat. No.	Metroseal Green with Microban Cat. No.	Stainless Steel Cat. No.	Description	Actual Height		Actual Width		Actual Length		Approx Pkd. Wt.	
				(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)
PBA-GSDK4	PBA-GSDK3	PBA-GSDS	Light-duty Shelf with Side Ledges	—	—	9	228	18.5	470	4	1.8
FGS1224K4	FGS1224K3	FGS1224S	12"x24" (305x610 mm) Shelf	4	102	12.687	322	24	610	7	2.6

Baskets

- Contain small loose tools and utensils.

Metroseal Gray with Microban Cat. No.	Metroseal Green with Microban Cat. No.	Stainless Steel Cat. No.	Description	Actual Height		Actual Width		Actual Length		Approx Pkd. Wt.	
				(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)
H209K4	H209K3	H209S	Small Basket	7	180	13.375	345	5	127	2.1	1.0
H210K4	H210K3	H210S	5" (127 mm) Deep	5	127	17.375	440	7.5	190	2.6	1.2
H212K4	H212K3	H212S	10" (254 mm) Deep	10	255	17.375	440	7.5	190	4.3	2.0



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{10.43} SmartWall® Wall Shelving System — Accessories



Drying Rack Accessories:

"Grid Mount" Tray Drying Racks: For trays, sheet pans, and large lids; 50 lbs. (22 kg) capacity. Fits small plastic service trays, 1/2 size steam pan lids.

Lid Holder/Drying Shelves: For small and medium-sized containers and lids. **Bottle Holder (6-prong):** For up to 6 squeeze bottles and lids.

Metroseal Gray with Microban Cat. No.	Metroseal Green with Microban Cat. No.	Stainless Steel Cat. No.	Description	Actual Height (in.)	Actual Height (mm)	Actual Width (in.)	Actual Width (mm)	Actual Length (in.)	Actual Length (mm)	Approx Pkd. Wt. (lbs.)	Approx Pkd. Wt. (kg)
TDR36K4	—	TDR36S	Tray Drying Rack (Grid Mounted)	10.187	259	14.562	371	34.25	870	11.4	5.2
TDR48K4	TDR48K3	TDR48S	Tray Drying Rack (Grid Mounted)	10.187	259	14.562	371	46.25	1175	12.8	5.8
IWA-S11K4	IWA-S11K3	IWA-S11S	Slanted Lid Holder/Drying Shelf	12.125	307	14.125	359	20.75	527	5.0	2.3
IWA-11K4	IWA-11K3	IWA-11S	Lid Holder/Drying Shelf	4.5	114	8.25	210	13.5	343	2.0	0.9
BH6K4	BH6K3	BH6S	6-Prong Bottle Rack	11	279	14.875	378	5.125	130	2.3	0.8

"Shelf-Mounted" Tray and Steam Pan Drying Options: 24" (610 mm) deep

"XE" models accommodate full & half size sheet pans and large cutting boards. "XEA" models accommodate 2-1/2" (64 mm) tall, full, 2/3 and half-size steam pans. These accessories mount to Super Erecta, Super Erecta Pro, MetroMax Q, or MetroMax i shelf. To create a "shelf-mounted; random" tray drying tier, order (2) 24" deep shelf supports, one shelf, and one "XTR" drying rack.

Beige Epoxy Cat. No.	Fits Shelf of Frame	Slot Spacing (in.)	Slot Spacing (mm)	Tray/Pan Capacity	Approx Pkd Wt. (in.)	Approx Pkd Wt. (mm)
XTR2436XE	24x36, 24x42, 24x48	1.125	28	24	14.7	6.7
XTR2448XE	24x48	1.125	28	34	19.8	9
XTR2436XEA	24x36, 24x42, 24x48	3	76	10	9.9	4.5
XTR2448XEA	24x48	3	76	14	12.9	5.8



XTR2436XE

Hooks: Suitable for holding utensils and lightweight cooking or straining vessels. J-hooks are available in small, large, and double-large styles; attach to grids and wire shelf frames. 6" (152 mm) long prong hook; 10 lbs. (4.5 kg) capacity; attaches to grid.

Metroseal Gray with Microban Cat. No.	Metroseal Green with Microban Cat. No.	Stainless Steel Cat. No.	Chrome Cat. No.	Description	Actual Height (in.)	Actual Height (mm)	Actual Width (in.)	Actual Width (mm)	Actual Length (in.)	Actual Length (mm)	Approx Pkd. Wt. (lbs.)	Approx Pkd. Wt. (kg)
—	—	HK23S	HK23C	Small Hook	3.5	89	1.25	32	—	—	0.5	0.2
—	—	—	HK25C	Large Hook	3.5	89	2	50	—	—	0.5	0.2
—	—	—	HK26C	Double Large Hook	3.5	89	5	50	—	—	0.5	0.2
PGHK6K4	PGHK6K3	PGHK6S	—	6" Pronged Hook	5.625	92	1.25	32	7.625	194	0.3	0.1

Utensil Holders for Sanitary Air Drying or Prep Area Applications:

Utensil Cylinders: Perforated polymer; small utensils to air dry and are ideal above work tables to hold small utensils. Order one holder (FCH) per polymer cylinder (FC1).

Metroseal Gray with Microban Cat. No.	Metroseal Green with Microban Cat. No.	Stainless Steel Cat. No.	Description	Actual Height (in.)	Actual Height (mm)	Actual Width (in.)	Actual Width (mm)	Actual Length (in.)	Actual Length (mm)	Approx Pkd. Wt. (lbs.)	Approx Pkd. Wt. (kg)
IWA-12K4	IWA-12K3	IWA-12S	Large Utensil Holder	4	102	10.5	267	10.375	264	4	1.8
IWA-14K4	IWA-14K3	IWA-14S	Small Utensil Holder	4	102	4.375	111	10.375	264	4	1.8
FC1	FC1	FC1	Utensil Cylinder (Polymer)	5.5	140	4.312	109	4.312	109	0.3	0.1
FCHK4	FCH	FCHS	Mounting Bracket - Cylinder	5.75	146	2.625	67	5.625	149	1.0	0.5

Bins and Holders: Easily mount to grids above a work table to contain small supplies, utensils, or ingredients and to keep them off of the work surface.

Cat. No.	Description	Actual Height (in.)	Actual Height (mm)	Actual Width (in.)	Actual Width (mm)	Actual Length (in.)	Actual Length (mm)	Approx Pkd. Wt. (lbs.)	Approx Pkd. Wt. (kg)
MB30230CLSH	Clear Bin Packed 12/ctn	5	127	5.5	140	10.875	279	1	0.5
MB30235CLSH	Clear Bin Packed 6/ctn	5	127	11	280	10.875	279	1.5	0.7
MB30240CLSH	Clear Bin Packed 12/ctn	7	180	8.25	210	14.75	375	2	0.9
DD3722A	Single Bin Holder (stainless steel)	.5	13	—	—	3	76	0.5	0.2
PBA-1BH	Small Bin Holder (plated steel)	3.625	92	0.355	9	11	280	1	0.5
PBA-2PH	Large Bin Holder (plated steel)	3.625	92	0.355	9	22	559	2	0.9

Miscellaneous Accessories

Metroseal Gray with Microban Cat. No.	Metroseal Green with Microban Cat. No.	Stainless Steel Cat. No.	Description	Actual Height (in.)	Actual Height (mm)	Actual Width (in.)	Actual Width (mm)	Actual Length (in.)	Actual Length (mm)	Approx Pkd. Wt. (lbs.)	Approx Pkd. Wt. (kg)
SR24K4	SR24K3	SR24S	Spice Rack / Utility Rack	4	102	5.25	133	22.5	571	3.5	1.6
STP3K4	—	STP3S	Insert Pan Holder for 1/3 and 1/9 size pans	4	102	7.5	190	12.5	317	2.3	1.0
SRD15K4	SRD15K3	—	Sticker Roll Holder Tube Dim. For holding rolls (14.75" (375 mm). Fits up to 6.25" (159 mm) diameter roll	3.75	95	5	127	18.5	470	2.6	1.2
GBHVK4	GBHVK3	GBHVS	Glove Box Holder (vertical); Inside Dim.: 5.875" (right to left) x 3.437 D. (front to back) [149x87mm]	10.5	267	4.75	120	6.375	162	2	0.9
GBHHK4-S	—	GBHHS-S	Glove Box Holder (horizontal); Inside Dim.: 10.125" (right to left) x 3.437 D (front to back) [257x87mm]	7	178	4.75	120	10.75	272	2	0.9
UBHK4	—	UBHS	Universal Squeeze Bottle Holder; holds two bottles	7.646	194	8.367	213	8.25	210	1.2	0.5

{10.43} SmartWall® Wall Shelving System — Accessories



Light-Duty Shelf

PBA-GSDK4 (Gray)
PBA-GSDK3 (Green)
PBA-GSDS (Stainless)



Shelf with Retaining Ledge: 14" (356 mm) x 36" (895 mm) Shown

GS1436K4 (Gray)
GS1436K3 (Green)
GS1436S (Stainless)



Grid Shelf

FGS1224K4 (Gray)
FGS1224K3 (Green)
FGS1224S (Stainless)



Lid Holder / Drying Shelf

IWA-11K4 (Gray)
IWA-11K3 (Green)
IWA-11S (Stainless)

For use with 1/6 and 1/9 size lids



Slanted Lid Holder / Drying Shelf

IWA-S11K3 (Gray)
IWA-S11K3 (Green)
IWA-S11S (Stainless)

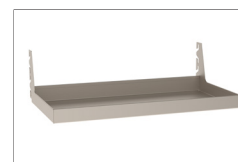
For use with 1/2 and 1/3 size lids.



Tray Drying Rack

TDR48K4 (Gray)
TDR48K3 (Green)
TDR48S (Stainless)

Fits 1/2 size pans, pan lids, small trays.



Reversible Solid Shelf
GSSR1224 (Stainless)



Small Basket

H209K4 (Gray)
H209K3 (Green)
H209S (Stainless)



Large 5" Deep Basket

H210K4 (Gray)
H210K3 (Green)
H210S (Stainless)



Large 10" Deep Basket

H212K4 (Gray)
H212K3 (Green)
H212S (Stainless)



Utility Shelf

SR24K4 (Gray)
SR24K3 (Green)
SR24S (Stainless)



Prong Hook

PGHK6K4 (Gray)
PGHK6K3 (Green)



Small Hook

HK23C (Chrome)



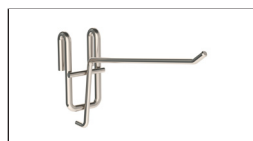
Large Hook

HK25C (Chrome)



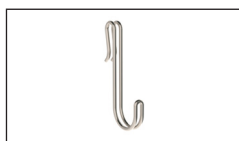
Double Large Hooks

HK26C (Chrome)



Prong Hook (stainless)

PGHK6S



Small Hook (stainless)

HK23S

{10.43}

SmartWall® Wall Shelving System — Accessories



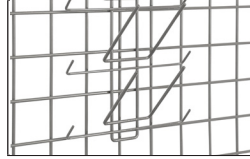
Light-Duty Shelf

IWA-12K4 (Gray)
IWA-12K3 (Green)
IWA-12S (Stainless)



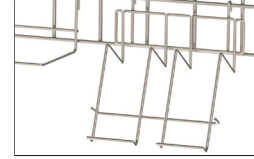
Cylinder Holder

FCHK4 (Gray)
FCH (Green)
FCHS (Stainless)
White Utensil Cylinder FC1



6 Prong Bottle Holder

BH6K4 (Gray)
BH6K3 (Green)
BH6S (Stainless)



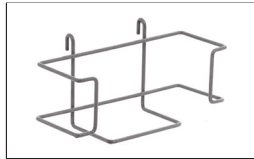
Squeeze Bottle Holder

UBHK4 (Gray)
UBHS (Stainless)



Glove Box Holder (Vertical)

GBHVK4 (Gray)
GBHVK3 (Green)



Glove Box Holder (Horizontal)

GBHHK4-S (Gray)
GBHHS-S (Stainless)



Pan Holder

STP3K4 (Gray)
STP3BR (Brite)
STP3S (Stainless)

(Pan Not included)



Sticker Roll/
 Paper Towel Holder
SRD15K4 (Gray)
SRD15K3 (Green)



Bin Holder

Small 11" (280 mm)
PBA-1BH
 Large 22" (559 mm)
PBA-2BH

(Bin ordered separately)



Bin Holder

Single 3" (76 mm)
DD3722A (Stainless)

{10.42}

SmartWall® Wall Shelving System — Base Components

Organized, efficient wall space at work.

A unique storage and work station system for often underutilized space — empty walls. SmartWall and its system of integrated wall tracks offer the flexibility to add wall shelving and wall-mounted task stations where needed throughout a facility. The use of the system around and above sinks, work tables, and equipment will keep these areas cleaner and more organized. SmartWall can become an integral part of everyday operating processes to improve efficiencies and ultimately the return on investment (ROI).

- **Flexible, Robust Design:** Wall tracks and uprights are designed to interface with wood studs, plywood, concrete, and other suitable wall structures.
- **Durable finishes and materials for corrosive environments**

SmartWall Life

- Type 304 Stainless Steel
- Lifetime corrosion warranty.
- Wire components are electropolished.
- Ideal for use with MetroMax 4 polymer shelves and Super Erecta Stainless Steel options.

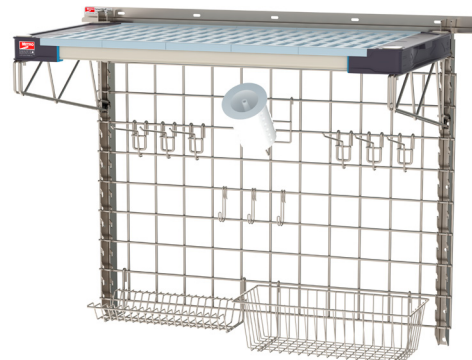
Metroseal Gray or Metroseal Green

- 15-year corrosion warranty.
- Metroseal has built-in Microban antimicrobial product protection to help fight the growth of stain and odor-causing bacteria to keep the product cleaner between cleanings.

- **Easy to Configure:** Uprights and grid brackets can be easily repositioned along the track. Shelf supports and grids adjust quickly to optimize your space.

Heavy Gauge Uprights: 1¹/₂" (38 mm) vertical adjustment of shelves and grids.

- **Easy to Install:** Simply attach the wall tracks to a proper mounting structure. The wall tracks provide a level mounting surface for uprights and grid brackets. Hang the uprights or grid brackets from the track. Configure the task station or wall shelving. Finally, secure the uprights or bottom grid brackets to the wall.
- **Easy to Clean:** Shelves, shelf supports, and grids can easily be removed for thorough cleaning of walls. Wall tracks and uprights can easily be wiped clean.
- **NSF Listed for all environments.**



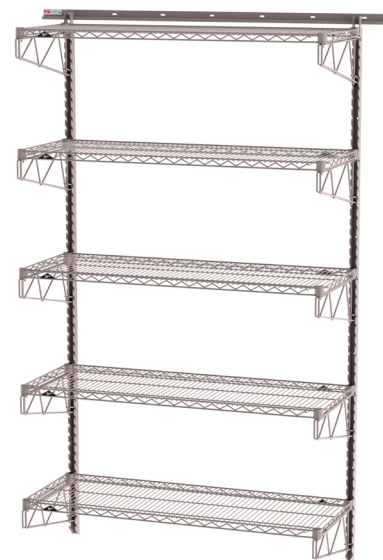
STANDALONE SINK STATION



Gray Metroseal Epoxy Finish with Microban



Green Metroseal Epoxy Finish with Microban



STANDALONE SHELVING, 85" H



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{10.42} SmartWall® Wall Shelving System — Base Components



The below configurations are examples that are built from individual components.

Note: Spec Sheet 10.41 contains preconfigured kits.

TIP
The Wall Builder Tool on metro.com enables you to configure a unit with a component list that can be exported into Excel.

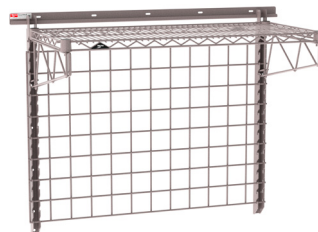


Task Station examples

- Use tracks, uprights, shelf supports, shelves, and wall grids.



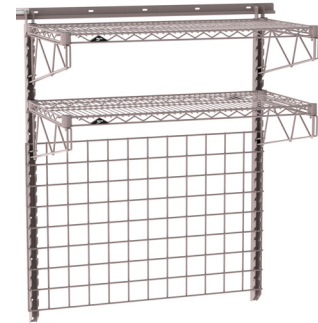
SmartWall Life		
Components	Description	Qty.
SW40S	wall track	1
SWU30S	uprights	2
WG2436S	wire grid	4
SWS18S	shelf support	2
MAX4-1836G	Max 4 shelf	1
MAX4-SWA-4	adapter kit	1



SmartWall Life Metroseal Gray		
Components	Description	Qty.
SW40K4	wall track	1
SWU30K4	uprights	2
WG2436K4	wire grid	1
SWS18K4	shelf support	2
1836NK4	wire shelf	1
9997C	corner plug	4



SmartWall Life		
Components	Description	Qty.
SW40S	wall Track	1
SWU45S	uprights	2
WG2436S	wire grid	1
SWS18S	shelf support	4
MAX4-1836G	Max 4 shelf	2
MAX4-SWA-4	adapter kit	2



SmartWall Life Metroseal Gray		
Components	Description	Qty.
SW40K4	wall track	1
SWU45K4	uprights	2
WG2436K4	wire grid	1
SWS18K4	shelf support	4
1836NK4	wire shelf	2
9997C	corner plug	8

Adjustable wall shelving examples – a run of all shelving with a shared middle upright.



SmartWall Life		
Components	Description	Qty.
SW40S	wall track	2
SWU45S	uprights	3
SWS18S	shelf support	4
SWD18S	double shelf support	2
MAX4-1836G	Max 4 shelf	4
MAX4-SWA-4	adapter kit	4



SmartWall Metroseal Gray		
Components	Description	Qty.
SW40K4	wall track	2
SWU45K4	uprights	3
SWS18K4	shelf support	4
SWD18K4	double shelf support	2
1836NK4	wire shelf	4
9997C	corner plug	16

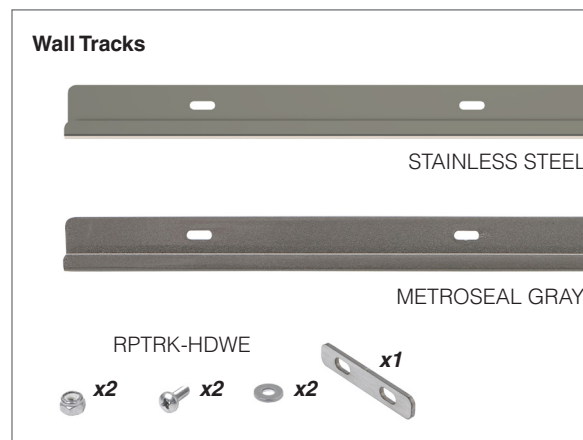
{10.42} SmartWall® Wall Shelving System — Base Components



Components

Wall Tracks (Select a minimum of one per system)

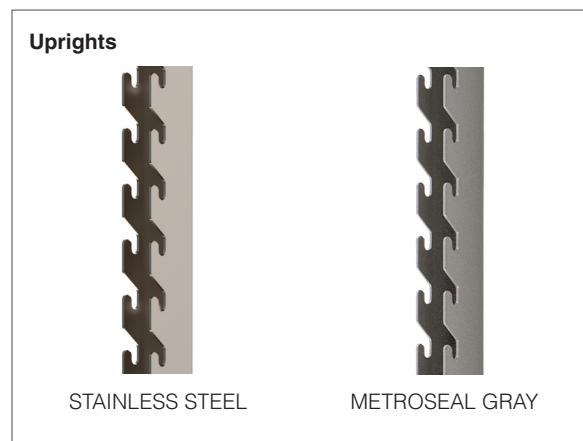
- Obround holes are located 4" (102 mm) from each end of the track and are spaced 8" (203 mm) apart.
- Packed one track per carton.
- Joiner plates and stop fastener hardware included for both ends of the track.
Replacement hardware (used on one end):
(1) joiner plate and stop fastener hardware: **Model No. RPTRK-HDWE**
- Does not include hardware to mount wall tracks to the wall.



Metroseal Gray with Microban Cat. No.	Metroseal Green with Microban Cat. No.	Approx. Pkd. Wt.		Stainless Steel Cat. No.	Approx. Pkd. Wt.		Actual Length		Actual Depth		Actual Width	
		(lbs.)	(kg)		(lbs.)	(kg)	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)
SW40K4	SW40K3	3.2	1.5	SW40S	2.7	1.2	40	1016	¾	19	1⅞	40
SW56K4	SW56K3	4.5	2.0	SW56S	3.8	1.7	56	1423	¾	19	1⅞	40
SW72K4	SW72K3	5.8	2.6	SW72S	5.0	2.3	72	1829	¾	19	1⅞	40

Uprights (Select a minimum of one per system)

- 1.5" (38 mm) slot spacing allows shelves and grids to be adjusted on 1.5" (38 mm) increments.
- Built-in slots allow shelf supports and grids to attach without tools or hardware.
- Sold by the piece; packed two per carton.



Metroseal Gray with Microban Cat. No.	Metroseal Green with Microban Cat. No.	Approx. Pkd. Wt.		Stainless Steel Cat. No.	Approx. Pkd. Wt.		Number of slots	Actual Length		Actual Depth		Actual Width	
		(lbs.)	(kg)		(lbs.)	(kg)		(in.)	(mm)	(in.)	(mm)	(in.)	(mm)
SWU15K4	SWU15K3	2.0	0.9	SWU15S	1.8	0.8	7	16	406	1⅞	48	1⅞	29
SWU30K4	SWU30K3	3.7	1.7	SWU30S	3.5	1.6	17	31	787	1⅞	48	1⅞	29
SWU45K4	SWU45K3	5.5	2.5	SWU45S	5.2	2.4	26	44.5	1130	1⅞	48	1⅞	29
SWU72K4		9.0	4.1	SWU72S	8.2	3.7	45	71.5	1816	1⅞	48	1⅞	29
SWU85K4		10.5	4.8	SWU85S	9.7	4.4	54	84.5	2146	1⅞	48	1⅞	29

Wall Track considerations

• Calculating the maximum usable wall track mounting space:

Stop fastener kits are installed at each end of a run of wall tracks and they occupy approximately 1" (25 mm) of track space per end. Uprights and track-mounted grid brackets must be installed a minimum of 1" (25 mm) inboard on the wall track.

The maximum usable length of track to install uprights or track-mounted grid brackets is calculated as follows:

Subtract 2" (51 mm) from the total length of tracks connected end to end.

Example: Three 72" (1829 mm) wall tracks are installed end to end.

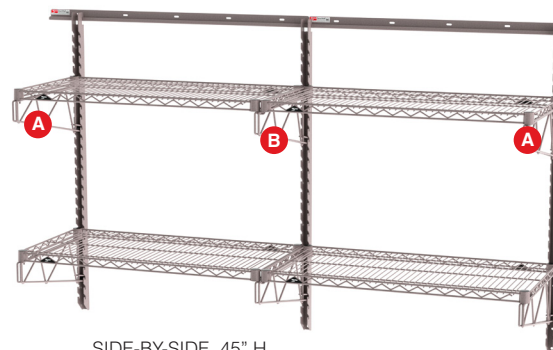
The maximum usable length of wall track is: $(72" \times 2) - 2" = 142"$ $[(1829 \text{ mm} \times 2) - 51 \text{ mm} = 3607 \text{ mm}]$



{10.42} SmartWall® Wall Shelving System — Base Components

Shelf Supports

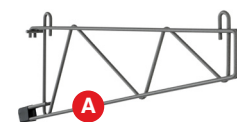
- Mount directly to slotted uprights.
- Single shelf supports are used on each end of a standalone unit or side-by-side unit (pictured). Sold by the piece.
- Double (intermediate) shelf supports are used when configuring side-by-side wall shelving units. Sold by the piece.



SIDE-BY-SIDE, 45" H

Single Shelf Supports

Metroseal Gray with Microban Cat. No.	Metroseal Green with Microban Cat. No.	Stainless Steel Cat. No.	Fits Shelf Depth	Actual Length (in.)	Actual Length (mm)	Actual Width (in.)	Actual Width (mm)	Actual Height (in.)	Actual Height (mm)	Approx. Pkd. Wt. (lbs.)	Approx. Pkd. Wt. (kg)
SWS14K4	SWS14K3	SWS14S	14" (355 mm)	16 ⁹ / ₁₆	421	1½	38	8 ¹³ / ₁₆	208	2.5	1.1
SWS18K4	SWS18K3	SWS18S	18" (457 mm)	20 ⁹ / ₁₆	522	1½	38	8 ¹³ / ₁₆	208	3.0	1.3
SWS21K4	SWS21K3	SWS21S	21" (530 mm)	23 ⁹ / ₁₆	598	1½	38	8 ¹³ / ₁₆	208	3.5	1.5
SWS24K4	SWS24K3	SWS24S	24" (610 mm)	26 ⁹ / ₁₆	675	1½	38	8 ¹³ / ₁₆	208	3.5	1.5

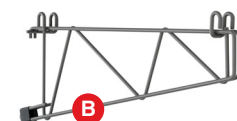


Single Support

NOTE: Replacement plastic sleeve for shelf support; Model. No. RP-SPSLV.

Double (Intermediate) Shelf Supports

Metroseal Gray with Microban Cat. No.	Metroseal Green with Microban Cat. No.	Stainless Steel Cat. No.	Fits Shelf Depth	Actual Length (in.)	Actual Length (mm)	Actual Width (in.)	Actual Width (mm)	Actual Height (in.)	Actual Height (mm)	Approx. Pkd. Wt. (lbs.)	Approx. Pkd. Wt. (kg)
SWD14K4	SWD14K3	SWD14S	14" (355 mm)	16 ⁹ / ₁₆	421	1½	38	8 ¹³ / ₁₆	208	2.5	1.1
SWD18K4	SWD18K3	SWD18S	18" (457 mm)	20 ⁹ / ₁₆	522	1½	38	8 ¹³ / ₁₆	208	3.0	1.3
SWD21K4	SWD21K3	SWD21S	21" (530 mm)	23 ⁹ / ₁₆	598	1½	38	8 ¹³ / ₁₆	208	3.5	1.5
SWD24K4	SWD24K3	SWD24S	24" (610 mm)	26 ⁹ / ₁₆	675	1½	38	8 ¹³ / ₁₆	208	3.5	1.5



Double (Intermediate) Support

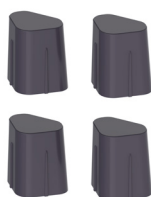
NOTE: Replacement plastic sleeve for shelf support; Model. No. RP-SPSLV.

Shelf Options

MetroMax 4

- Order (1) adapter set per shelf to connect the shelf with the shelf supports.

Cat No. MAX4-SWA-4



STAND ALONE SHELVING, 45" H

Super Erecta

- **Solid** Stainless Steel – spec sheet 10.20
- **Wire** Stainless Steel – spec sheet 10.01
Metroseal Gray – spec sheet 10.01
 Metroseal Green – spec sheet 10.01
- **Super Erecta Pro** – spec sheet 10.80

Hole plugs may be ordered for Super Erecta Shelves. Order (4) per shelf. **Cat. No. 9997C**



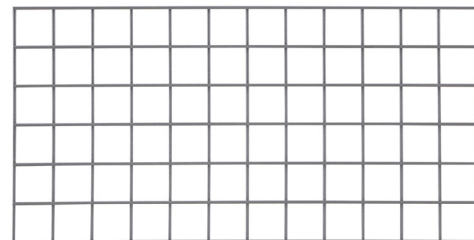


{10.42} SmartWall® Wall Shelving System — Base Components

Grids

- Grids are a mounting surface for task management accessories.
- See spec sheet 10.43 for grid accessories.

Metroseal Gray with Microban Cat. No.	Metroseal Green with Microban Cat. No.	Stainless Steel Cat. No.	Width (in.)	Length (mm)	Approx. Pkd. Wt. (lbs.)	Approx. Pkd. Wt. (kg)
WG1830K4	WG1830K3	WG1830S	18x30	457x760	7.5	3.3
WG1836K4	WG1836K3	WG1836S	18x36	457x914	9.0	4.1
WG1848K4	WG1848K3	WG1848S	18x48	457x1219	12.0	5.4
WG1860K4	WG1860K3	WG1860S	18x60	457x1524	14.0	6.4
WG2436K4	WG2436K3	WG2436S	24x36	610x914	12.0	5.4
WG2448K4	WG2448K3	WG2448S	24x48	610x1219	15.5	7.0
WG3036K4	WG3036K3	WG3036S	30x36	760x914	12.8	5.8
WG3048K4	WG3048K3	WG3048S	30x48	760x1219	16.5	7.5



Metroseal Gray Grid

Notes:

A. Grids can be mounted directly behind shelves, but shelf supports and grids cannot occupy the same slots on the upright. Once the grid has been mounted to the upright, the shelf support can be mounted to open slots and can be adjusted on 3" (76 mm) increments within the grid space.

B. When configuring task stations with uprights, shelves and grids of the same length are most commonly combined. Grids longer than the shelves may be used but must not overhang the upright by more than 6" (152 mm) on either side.

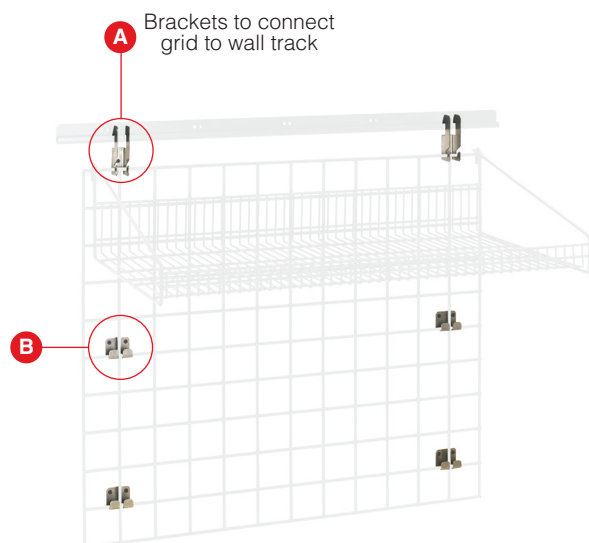


Reference: Note "A"

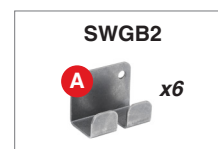
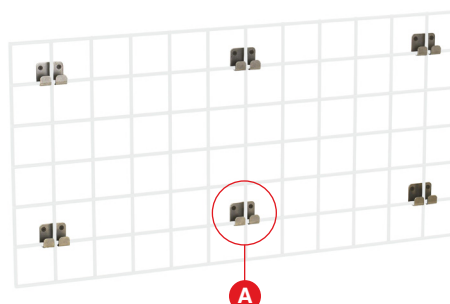
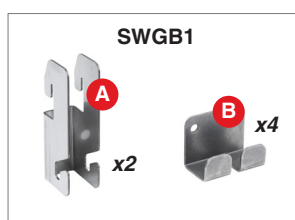
Grid Mounting Brackets

- SWGB1 kit enables the grid to attach to a wall track directly (without uprights).
- SWGB2 kit enables the grid to attach directly to the wall without a track or uprights.

Cat. No.	Description	Approx. Pkd. Wt. (lbs.)	Approx. Pkd. Wt. (kg)
SWGB1	Bracket kit to connect grid to wall track; includes (2) top and (4) bottom (stainless steel)	2.0	0.9
SWGB2	Direct wall mount bracket kit; consists of (6) bottom brackets (stainless steel)	2.0	0.9
WGBRKT	Direct wall mount bracket kit; consists of (6) black plastic brackets	2.0	0.9



A Brackets to connect grid to wall track



Direct wall mount brackets

{10.42}



SmartWall® Wall Shelving System — Base Components

Specifications

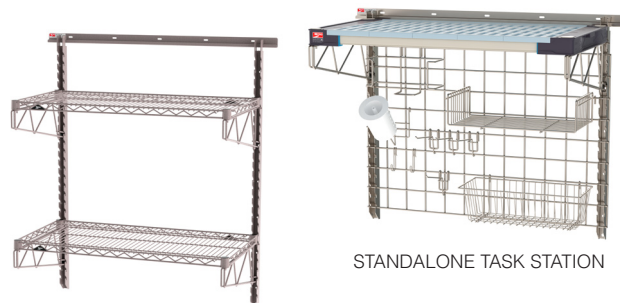
	SmartWall Life	SmartWall – Metroseal	Details
Wall Tracks	14-gauge Type 304 Stainless Steel	12-gauge cold-rolled steel	Obround mounting holes located at 8" (204 mm) increments; first and last holes are located 4" (102 mm) from the ends of the track; obround hole dimensions (1/8" x 3/4" [3 x 19 mm]). Wall tracks include stop fasteners for the ends of the tracks and joiner plates for connecting adjacent tracks.
Uprights	14-gauge Type 304 Stainless Steel	12-gauge cold-rolled steel	Uprights are slotted every 1-1/2" (38 mm); 1-1/8" (29 mm) diameter mounting holes are spaced every 6" (152 mm) along the upright.
Shelf Supports	Electropolished Type 304 stainless steel	Cold-rolled steel	Sleeve is high-density polyethylene (HDPE)
Wire Grids	Electropolished Type 304 stainless steel	Cold-rolled steel	1/4" diameter wires; grid pattern from the center line of each wire measures 3" x 3" (76 x 76 mm)
Grid Bracket Kits	14 gauge Type 304 Stainless Steel		

Weight Capacities

Shelves and Grids (Not to exceed the total unit capacity of each bay)	Stand Alone Unit (With a wall track, two uprights, and any combination of shelves and grids)	Side-by-side units (With a shared upright)
Super Erecta, Super Erecta Pro, MetroMax Shelf (with shelf supports)	400 lbs. (180 kg)	200 lbs. (90 kg)
Grid	250 lbs. (113 kg)	
Grid shelf with retaining edge	50 lbs. (22.5 kg)	

15", 30", 45" tall uprights	Stand Alone Unit (With a wall track, two uprights, and any combination of shelves and grids)	Side-by-side units (With a shared upright)
Wood Studs	400 lbs. (180 kg) per bay	200 lbs. (90 kg) per bay
Woods Studs (With cross-stud reinforcement)	400 lbs. (180 kg) per bay	200 lbs. (90 kg) per bay
Plywood: Minimum thickness - 1/2" (13 mm)	400 lbs. (180 kg) per bay	200 lbs. (90 kg) per bay
Concrete	200 lbs. (90 kg) per bay	200 lbs. (90 kg) per bay
Drywall over Metal Studs	100 lbs. (45 kg) per bay	50 lbs. (23 kg) per bay
"Environmental room and walk-in cooler walls (appropriately reinforced)"	<i>Consult your Metro Representative</i>	<i>Consult your Metro Representative</i>

72" and 85" tall uprights	Stand Alone Unit (With a wall track, two uprights, and any combination of shelves and grids)	Side-by-side units (With a shared upright)
Wood studs or plywood	800 lbs. (363 kg) per bay	400 lbs. (180 kg) per bay



STANDALONE SHELVING, 45" H

STANDALONE TASK STATION



SIDE-BY-SIDE, 45" H



STANDALONE SHELVING, 85" H



SIDE-BY-SIDE, 85" H



Item # _____

We put space to work.

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



PROTECTION THAT LIVES ON
MICROBAN
Super Erecta with Metroseal

Gray Metroseal Epoxy
Finish with MicrobanGreen 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.

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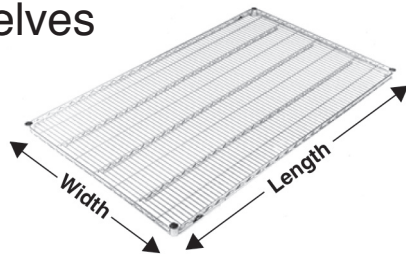
Super Erecta® Shelf Wire Shelving

10.01



Super Erecta® Shelf Wire Shelving

Wire Shelves



Aluminum Split Sleeve

- 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).

{10.42}

SmartWall® Wall Shelving System — Base Components

Organized, efficient wall space at work.

A unique storage and work station system for often underutilized space — empty walls. SmartWall and its system of integrated wall tracks offer the flexibility to add wall shelving and wall-mounted task stations where needed throughout a facility. The use of the system around and above sinks, work tables, and equipment will keep these areas cleaner and more organized. SmartWall can become an integral part of everyday operating processes to improve efficiencies and ultimately the return on investment (ROI).

- **Flexible, Robust Design:** Wall tracks and uprights are designed to interface with wood studs, plywood, concrete, and other suitable wall structures.
- **Durable finishes and materials for corrosive environments**

SmartWall Life

- Type 304 Stainless Steel
- Lifetime corrosion warranty.
- Wire components are electropolished.
- Ideal for use with MetroMax 4 polymer shelves and Super Erecta Stainless Steel options.

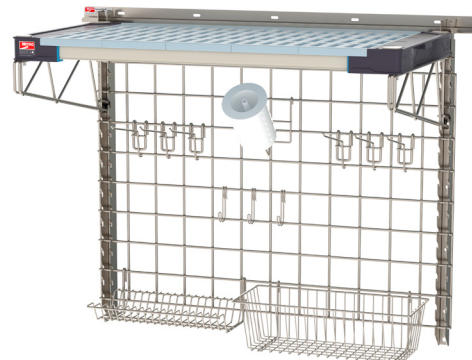
Metroseal Gray or Metroseal Green

- 15-year corrosion warranty.
- Metroseal has built-in Microban antimicrobial product protection to help fight the growth of stain and odor-causing bacteria to keep the product cleaner between cleanings.

- **Easy to Configure:** Uprights and grid brackets can be easily repositioned along the track. Shelf supports and grids adjust quickly to optimize your space.

Heavy Gauge Uprights: 1¹/₂" (38 mm) vertical adjustment of shelves and grids.

- **Easy to Install:** Simply attach the wall tracks to a proper mounting structure. The wall tracks provide a level mounting surface for uprights and grid brackets. Hang the uprights or grid brackets from the track. Configure the task station or wall shelving. Finally, secure the uprights or bottom grid brackets to the wall.
- **Easy to Clean:** Shelves, shelf supports, and grids can easily be removed for thorough cleaning of walls. Wall tracks and uprights can easily be wiped clean.
- **NSF Listed for all environments.**



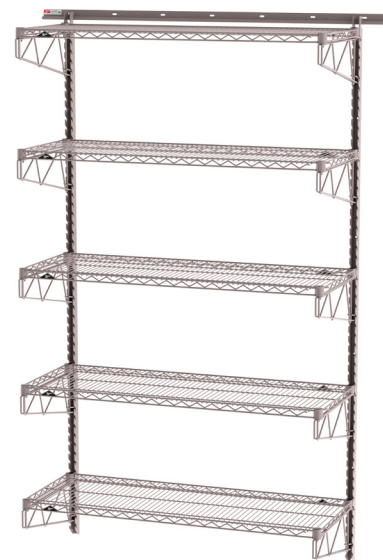
STANDALONE SINK STATION



Gray Metroseal Epoxy Finish with Microban



Green Metroseal Epoxy Finish with Microban



STANDALONE SHELVING, 85" H



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

{10.42} SmartWall® Wall Shelving System — Base Components



The below configurations are examples that are built from individual components.

Note: Spec Sheet 10.41 contains preconfigured kits.

TIP
The Wall Builder Tool on metro.com enables you to configure a unit with a component list that can be exported into Excel.

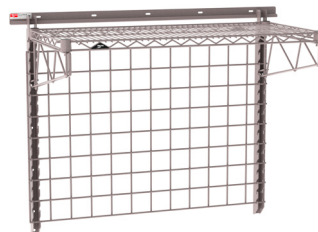


Task Station examples

- Use tracks, uprights, shelf supports, shelves, and wall grids.



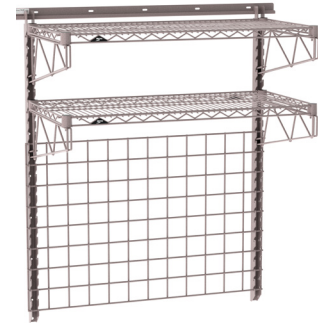
SmartWall Life		
Components	Description	Qty.
SW40S	wall track	1
SWU30S	uprights	2
WG2436S	wire grid	4
SWS18S	shelf support	2
MAX4-1836G	Max 4 shelf	1
MAX4-SWA-4	adapter kit	1



SmartWall Life Metroseal Gray		
Components	Description	Qty.
SW40K4	wall track	1
SWU30K4	uprights	2
WG2436K4	wire grid	1
SWS18K4	shelf support	2
1836NK4	wire shelf	1
9997C	corner plug	4



SmartWall Life		
Components	Description	Qty.
SW40S	wall Track	1
SWU45S	uprights	2
WG2436S	wire grid	1
SWS18S	shelf support	4
MAX4-1836G	Max 4 shelf	2
MAX4-SWA-4	adapter kit	2

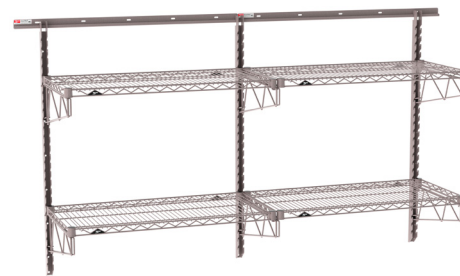


SmartWall Life Metroseal Gray		
Components	Description	Qty.
SW40K4	wall track	1
SWU45K4	uprights	2
WG2436K4	wire grid	1
SWS18K4	shelf support	4
1836NK4	wire shelf	2
9997C	corner plug	8

Adjustable wall shelving examples – a run of all shelving with a shared middle upright.



SmartWall Life		
Components	Description	Qty.
SW40S	wall track	2
SWU45S	uprights	3
SWS18S	shelf support	4
SWD18S	double shelf support	2
MAX4-1836G	Max 4 shelf	4
MAX4-SWA-4	adapter kit	4



SmartWall Metroseal Gray		
Components	Description	Qty.
SW40K4	wall track	2
SWU45K4	uprights	3
SWS18K4	shelf support	4
SWD18K4	double shelf support	2
1836NK4	wire shelf	4
9997C	corner plug	16

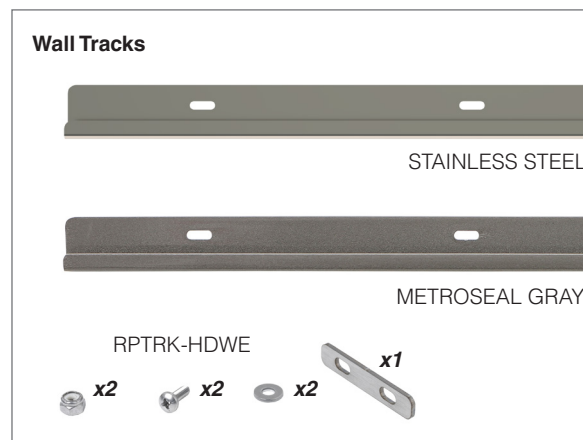
{10.42} SmartWall® Wall Shelving System — Base Components



Components

Wall Tracks (Select a minimum of one per system)

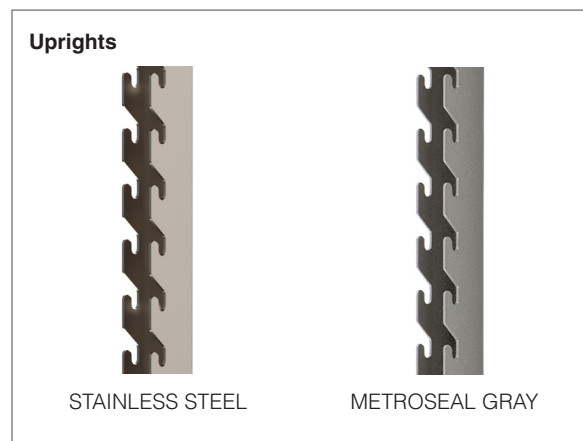
- Obround holes are located 4" (102 mm) from each end of the track and are spaced 8" (203 mm) apart.
- Packed one track per carton.
- Joiner plates and stop fastener hardware included for both ends of the track.
Replacement hardware (used on one end):
(1) joiner plate and stop fastener hardware: **Model No. RPTRK-HDWE**
- Does not include hardware to mount wall tracks to the wall.



Metroseal Gray with Microban Cat. No.	Metroseal Green with Microban Cat. No.	Approx. Pkd. Wt.		Stainless Steel Cat. No.	Approx. Pkd. Wt.		Actual Length		Actual Depth		Actual Width	
		(lbs.)	(kg)		(lbs.)	(kg)	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)
SW40K4	SW40K3	3.2	1.5	SW40S	2.7	1.2	40	1016	¾	19	1⅞	40
SW56K4	SW56K3	4.5	2.0	SW56S	3.8	1.7	56	1423	¾	19	1⅞	40
SW72K4	SW72K3	5.8	2.6	SW72S	5.0	2.3	72	1829	¾	19	1⅞	40

Uprights (Select a minimum of one per system)

- 1.5" (38 mm) slot spacing allows shelves and grids to be adjusted on 1.5" (38 mm) increments.
- Built-in slots allow shelf supports and grids to attach without tools or hardware.
- Sold by the piece; packed two per carton.



Metroseal Gray with Microban Cat. No.	Metroseal Green with Microban Cat. No.	Approx. Pkd. Wt.		Stainless Steel Cat. No.	Approx. Pkd. Wt.		Number of slots	Actual Length		Actual Depth		Actual Width	
		(lbs.)	(kg)		(lbs.)	(kg)		(in.)	(mm)	(in.)	(mm)	(in.)	(mm)
SWU15K4	SWU15K3	2.0	0.9	SWU15S	1.8	0.8	7	16	406	1⅞	48	1⅞	29
SWU30K4	SWU30K3	3.7	1.7	SWU30S	3.5	1.6	17	31	787	1⅞	48	1⅞	29
SWU45K4	SWU45K3	5.5	2.5	SWU45S	5.2	2.4	26	44.5	1130	1⅞	48	1⅞	29
SWU72K4		9.0	4.1	SWU72S	8.2	3.7	45	71.5	1816	1⅞	48	1⅞	29
SWU85K4		10.5	4.8	SWU85S	9.7	4.4	54	84.5	2146	1⅞	48	1⅞	29

Wall Track considerations

• Calculating the maximum usable wall track mounting space:

Stop fastener kits are installed at each end of a run of wall tracks and they occupy approximately 1" (25 mm) of track space per end. Uprights and track-mounted grid brackets must be installed a minimum of 1" (25 mm) inboard on the wall track.

The maximum usable length of track to install uprights or track-mounted grid brackets is calculated as follows:

Subtract 2" (51 mm) from the total length of tracks connected end to end.

Example: Three 72" (1829 mm) wall tracks are installed end to end.

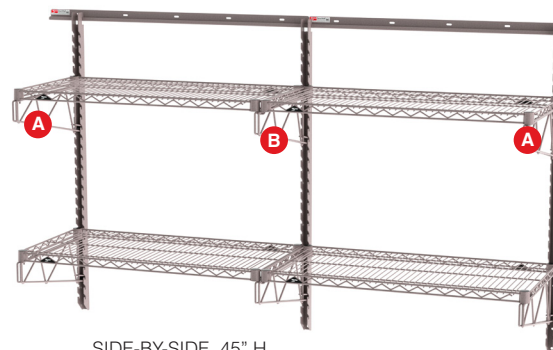
The maximum usable length of wall track is: $(72" \times 2) - 2" = 142"$ $[(1829 \text{ mm} \times 2) - 51 \text{ mm} = 3607 \text{ mm}]$



{10.42} SmartWall® Wall Shelving System — Base Components

Shelf Supports

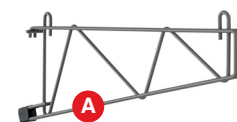
- Mount directly to slotted uprights.
- Single shelf supports are used on each end of a standalone unit or side-by-side unit (pictured). Sold by the piece.
- Double (intermediate) shelf supports are used when configuring side-by-side wall shelving units. Sold by the piece.



SIDE-BY-SIDE, 45" H

Single Shelf Supports

Metroseal Gray with Microban Cat. No.	Metroseal Green with Microban Cat. No.	Stainless Steel Cat. No.	Fits Shelf Depth	Actual Length (in.)	Actual Length (mm)	Actual Width (in.)	Actual Width (mm)	Actual Height (in.)	Actual Height (mm)	Approx. Pkd. Wt. (lbs.)	Approx. Pkd. Wt. (kg)
SWS14K4	SWS14K3	SWS14S	14" (355 mm)	16 ⁹ / ₁₆	421	1½	38	8 ¹³ / ₁₆	208	2.5	1.1
SWS18K4	SWS18K3	SWS18S	18" (457 mm)	20 ⁹ / ₁₆	522	1½	38	8 ¹³ / ₁₆	208	3.0	1.3
SWS21K4	SWS21K3	SWS21S	21" (530 mm)	23 ⁹ / ₁₆	598	1½	38	8 ¹³ / ₁₆	208	3.5	1.5
SWS24K4	SWS24K3	SWS24S	24" (610 mm)	26 ⁹ / ₁₆	675	1½	38	8 ¹³ / ₁₆	208	3.5	1.5

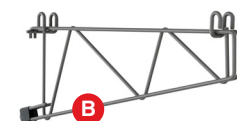


Single Support

NOTE: Replacement plastic sleeve for shelf support; Model. No. RP-SPSLV.

Double (Intermediate) Shelf Supports

Metroseal Gray with Microban Cat. No.	Metroseal Green with Microban Cat. No.	Stainless Steel Cat. No.	Fits Shelf Depth	Actual Length (in.)	Actual Length (mm)	Actual Width (in.)	Actual Width (mm)	Actual Height (in.)	Actual Height (mm)	Approx. Pkd. Wt. (lbs.)	Approx. Pkd. Wt. (kg)
SWD14K4	SWD14K3	SWD14S	14" (355 mm)	16 ⁹ / ₁₆	421	1½	38	8 ¹³ / ₁₆	208	2.5	1.1
SWD18K4	SWD18K3	SWD18S	18" (457 mm)	20 ⁹ / ₁₆	522	1½	38	8 ¹³ / ₁₆	208	3.0	1.3
SWD21K4	SWD21K3	SWD21S	21" (530 mm)	23 ⁹ / ₁₆	598	1½	38	8 ¹³ / ₁₆	208	3.5	1.5
SWD24K4	SWD24K3	SWD24S	24" (610 mm)	26 ⁹ / ₁₆	675	1½	38	8 ¹³ / ₁₆	208	3.5	1.5



Double (Intermediate) Support

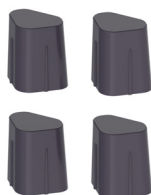
NOTE: Replacement plastic sleeve for shelf support; Model. No. RP-SPSLV.

Shelf Options

MetroMax 4

- Order (1) adapter set per shelf to connect the shelf with the shelf supports.

Cat No. MAX4-SWA-4



STAND ALONE SHELVING, 45" H

Super Erecta

- **Solid** Stainless Steel – spec sheet 10.20
- **Wire** Stainless Steel – spec sheet 10.01
Metroseal Gray – spec sheet 10.01
Metroseal Green – spec sheet 10.01
- **Super Erecta Pro** – spec sheet 10.80

Hole plugs may be ordered for Super Erecta Shelves. Order (4) per shelf. Cat. No. 9997C



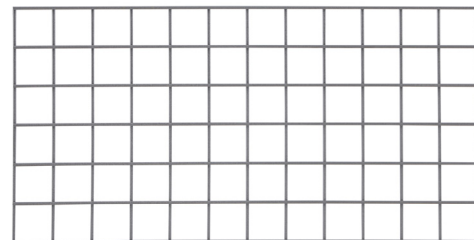


{10.42} SmartWall® Wall Shelving System — Base Components

Grids

- Grids are a mounting surface for task management accessories.
- See spec sheet 10.43 for grid accessories.

Metroseal Gray with Microban Cat. No.	Metroseal Green with Microban Cat. No.	Stainless Steel Cat. No.	Width (in.)	Length (mm)	Approx. Pkd. Wt. (lbs.)	Approx. Pkd. Wt. (kg)
WG1830K4	WG1830K3	WG1830S	18x30	457x760	7.5	3.3
WG1836K4	WG1836K3	WG1836S	18x36	457x914	9.0	4.1
WG1848K4	WG1848K3	WG1848S	18x48	457x1219	12.0	5.4
WG1860K4	WG1860K3	WG1860S	18x60	457x1524	14.0	6.4
WG2436K4	WG2436K3	WG2436S	24x36	610x914	12.0	5.4
WG2448K4	WG2448K3	WG2448S	24x48	610x1219	15.5	7.0
WG3036K4	WG3036K3	WG3036S	30x36	760x914	12.8	5.8
WG3048K4	WG3048K3	WG3048S	30x48	760x1219	16.5	7.5



Metroseal Gray Grid

Notes:

A. Grids can be mounted directly behind shelves, but shelf supports and grids cannot occupy the same slots on the upright. Once the grid has been mounted to the upright, the shelf support can be mounted to open slots and can be adjusted on 3" (76 mm) increments within the grid space.

B. When configuring task stations with uprights, shelves and grids of the same length are most commonly combined. Grids longer than the shelves may be used but must not overhang the upright by more than 6" (152 mm) on either side.

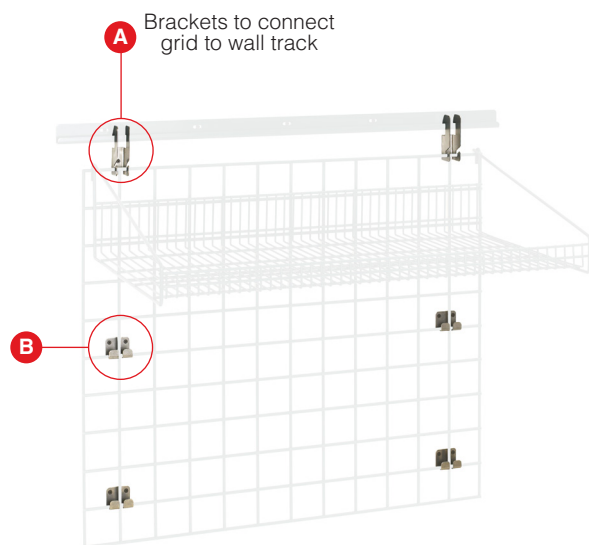


Reference: Note "A"

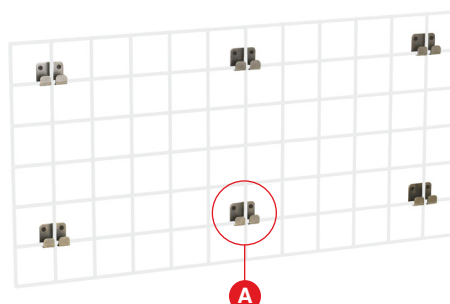
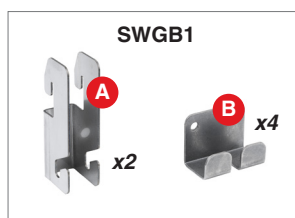
Grid Mounting Brackets

- SWGB1 kit enables the grid to attach to a wall track directly (without uprights).
- SWGB2 kit enables the grid to attach directly to the wall without a track or uprights.

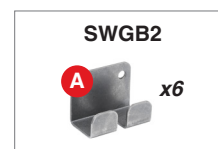
Cat. No.	Description	Approx. Pkd. Wt. (lbs.)	Approx. Pkd. Wt. (kg)
SWGB1	Bracket kit to connect grid to wall track; includes (2) top and (4) bottom (stainless steel)	2.0	0.9
SWGB2	Direct wall mount bracket kit; consists of (6) bottom brackets (stainless steel)	2.0	0.9
WGBRKT	Direct wall mount bracket kit; consists of (6) black plastic brackets	2.0	0.9



A Brackets to connect grid to wall track



Direct wall mount brackets



{10.42}



SmartWall® Wall Shelving System — Base Components

Specifications

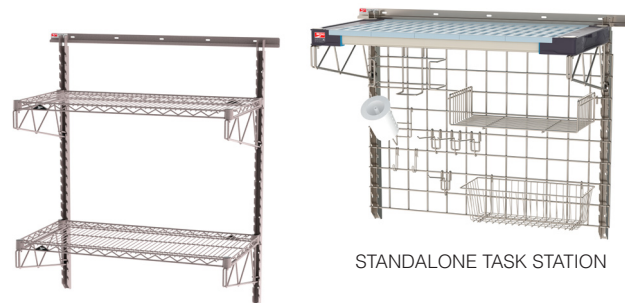
	SmartWall Life	SmartWall – Metroseal	Details
Wall Tracks	14-gauge Type 304 Stainless Steel	12-gauge cold-rolled steel	Obround mounting holes located at 8" (204 mm) increments; first and last holes are located 4" (102 mm) from the ends of the track; obround hole dimensions (1/8" x 3/4" [3 x 19 mm]). Wall tracks include stop fasteners for the ends of the tracks and joiner plates for connecting adjacent tracks.
Uprights	14-gauge Type 304 Stainless Steel	12-gauge cold-rolled steel	Uprights are slotted every 1-1/2" (38 mm); 1-1/8" (29 mm) diameter mounting holes are spaced every 6" (152 mm) along the upright.
Shelf Supports	Electropolished Type 304 stainless steel	Cold-rolled steel	Sleeve is high-density polyethylene (HDPE)
Wire Grids	Electropolished Type 304 stainless steel	Cold-rolled steel	1/4" diameter wires; grid pattern from the center line of each wire measures 3" x 3" (76 x 76 mm)
Grid Bracket Kits	14 gauge Type 304 Stainless Steel		

Weight Capacities

Shelves and Grids (Not to exceed the total unit capacity of each bay)	Stand Alone Unit (With a wall track, two uprights, and any combination of shelves and grids)	Side-by-side units (With a shared upright)
Super Erecta, Super Erecta Pro, MetroMax Shelf (with shelf supports)	400 lbs. (180 kg)	200 lbs. (90 kg)
Grid	250 lbs. (113 kg)	
Grid shelf with retaining edge	50 lbs. (22.5 kg)	

15", 30", 45" tall uprights	Stand Alone Unit (With a wall track, two uprights, and any combination of shelves and grids)	Side-by-side units (With a shared upright)
Wood Studs	400 lbs. (180 kg) per bay	200 lbs. (90 kg) per bay
Woods Studs (With cross-stud reinforcement)	400 lbs. (180 kg) per bay	200 lbs. (90 kg) per bay
Plywood: Minimum thickness - 1/2" (13 mm)	400 lbs. (180 kg) per bay	200 lbs. (90 kg) per bay
Concrete	200 lbs. (90 kg) per bay	200 lbs. (90 kg) per bay
Drywall over Metal Studs	100 lbs. (45 kg) per bay	50 lbs. (23 kg) per bay
"Environmental room and walk-in cooler walls (appropriately reinforced)"	<i>Consult your Metro Representative</i>	<i>Consult your Metro Representative</i>

72" and 85" tall uprights	Stand Alone Unit (With a wall track, two uprights, and any combination of shelves and grids)	Side-by-side units (With a shared upright)
Wood studs or plywood	800 lbs. (363 kg) per bay	400 lbs. (180 kg) per bay



STANDALONE SHELVING, 45" H





SPEC SHEET

"ST6R5-GSK" STAINLESS STEEL TOP WORK TABLES

16GA Top w/5" Riser & Galvanized Legs & Adjustable Undershef

FEATURES:

- 16GA Stainless Steel Top w/5" Riser & Turndown
- Type 300 Stainless Steel With #4 Polish, Satin Finish
- Top Is Sound Deadened
- Reinforced With 1"x2" Channel Running Entire Length Of Table
- 1-1/2" Stallion Edge On Front Side Edges 90 Degree Bend Down For Table Line-Up
- Galvanized Base With Adjustable Undershef
- Ships Knocked-Down Easy-To-Assemble

SPECIFICATIONS:

- Top: Stainless Steel Tops Are TIG Welded, Exposed Welds Are Polished To Match Adjacent Surface
- Top: 16GA Stainless Steel Type 300 Stainless Steel With #4 Polish, Satin Finish
- Shelf: 18GA Galvanized Steel, (36" Wide Tables, 16GA Lower Shelf)
- Legs: 1-5/8" Round O.D. 16GA Tubular Galvanized Steel
- Gussets: Galvanized Steel
- Feet: 1" Adjustable Stainless Steel Bullet Feet



ST6R5-3048GSK

CERTIFICATIONS:



ACCESSORIES

DESCRIPTION

Drawer

Drawer Lock

Casters

Overshelves

Sinks

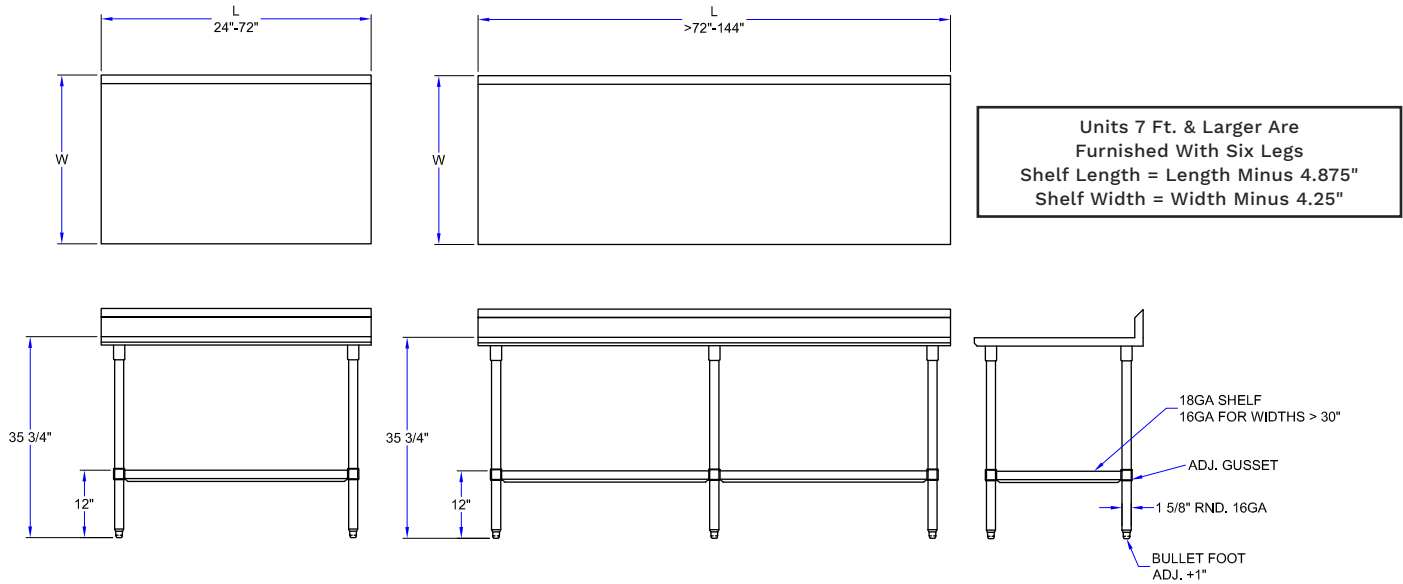
Pot Rack

"ST6R5-GSK" STAINLESS STEEL TOP WORK TABLES

LENGTH	24" WIDE	WT	WT CAP	30" WIDE	WT	WT CAP	36" WIDE	WT	WT CAP
24"	ST6R5-2424GSK	44	900	ST6R5-3024GSK	49	900	ST6R5-3624GSK	58	900
30"	ST6R5-2430GSK	49	900	ST6R5-3030GSK	54	900	ST6R5-3630GSK	68	900
36"	ST6R5-2436GSK	55	900	ST6R5-3036GSK	62	900	ST6R5-3636GSK	75	900
48"	ST6R5-2448GSK	67	900	ST6R5-3048GSK	77	900	ST6R5-3648GSK	93	900
60"	ST6R5-2460GSK	80	610	ST6R5-3060GSK	91	610	ST6R5-3660GSK	111	610
72"	ST6R5-2472GSK	92	400	ST6R5-3072GSK	105	400	ST6R5-3672GSK	129	400
84"	ST6R5-2484GSK	111	1350	ST6R5-3084GSK	127	1350	ST6R5-3684GSK	159	1350
96"	ST6R5-2496GSK	123	1350	ST6R5-3096GSK	142	1350	ST6R5-3696GSK	177	1350
108"	ST6R5-24108GSK	136	1350	ST6R5-30108GSK	155	1350	ST6R5-36108GSK	193	1350
120"	ST6R5-24120GSK	147	1130	ST6R5-30120GSK	170	1130	ST6R5-36120GSK	211	1130
132"	ST6R5-24132GSK	159	900	ST6R5-30132GSK	184	900	ST6R5-36132GSK	228	900
144"	ST6R5-24144GSK	171	680	ST6R5-30144GSK	199	680	ST6R5-36144GSK	246	680

OVERALL WEIGHT (WT) AND MAX WEIGHT CAPACITY (WT CAP) ARE IN POUNDS (LBS). MAX WEIGHT CAPACITY EVENLY DISTRIBUTED. ALL DIMENSIONS ARE TYPICAL. TOLERANCE +/- .500". JOHN BOOS & CO. RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.

DETAILED SPECIFICATIONS



MODEL # STRUCTURE

5 = Ht. Of Riser w/Turndown
R = Top w/Riser
6 = 16GA Work Surface
ST = Stainless Steel Top

24 = Width Of Work Surface
30 = Length Of Work Surface
GS = Galvanized Legs & Shelf
K = Ships Knocked Down

ST6R5-2430GSK

"ST6R5-GSK" STAINLESS STEEL TOP WORK TABLES

LENGTH	24" WIDE	WT	WT CAP	30" WIDE	WT	WT CAP	36" WIDE	WT	WT CAP
24"	ST6R5-2424GSK	44	900	ST6R5-3024GSK	49	900	ST6R5-3624GSK	58	900
30"	ST6R5-2430GSK	49	900	ST6R5-3030GSK	54	900	ST6R5-3630GSK	68	900
36"	ST6R5-2436GSK	55	900	ST6R5-3036GSK	62	900	ST6R5-3636GSK	75	900
48"	ST6R5-2448GSK	67	900	ST6R5-3048GSK	77	900	ST6R5-3648GSK	93	900
60"	ST6R5-2460GSK	80	610	ST6R5-3060GSK	91	610	ST6R5-3660GSK	111	610
72"	ST6R5-2472GSK	92	400	ST6R5-3072GSK	105	400	ST6R5-3672GSK	129	400
84"	ST6R5-2484GSK	111	1350	ST6R5-3084GSK	127	1350	ST6R5-3684GSK	159	1350
96"	ST6R5-2496GSK	123	1350	ST6R5-3096GSK	142	1350	ST6R5-3696GSK	177	1350
108"	ST6R5-24108GSK	136	1350	ST6R5-30108GSK	155	1350	ST6R5-36108GSK	193	1350
120"	ST6R5-24120GSK	147	1130	ST6R5-30120GSK	170	1130	ST6R5-36120GSK	211	1130
132"	ST6R5-24132GSK	159	900	ST6R5-30132GSK	184	900	ST6R5-36132GSK	228	900
144"	ST6R5-24144GSK	171	680	ST6R5-30144GSK	199	680	ST6R5-36144GSK	246	680

OVERALL WEIGHT (WT) AND MAX WEIGHT CAPACITY (WT CAP) ARE IN POUNDS (LBS). MAX WEIGHT CAPACITY EVENLY DISTRIBUTED. ALL DIMENSIONS ARE TYPICAL. TOLERANCE +/- .500". JOHN BOOS & CO. RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.



**John
BOOS**
Since 1887

ITEM #: _____ QTY: _____

MODEL #: _____

PROJECT NAME: _____

021521

3601 S. Banker St. Effingham, IL 62401 • P.O. BOX 609 • Ph: (888) 431-2667 • Fax: (800) 433-2667

"CAS" CASTERS & FEET

CASTERS & FEET

MODEL #	QTY	ITEM	DESCRIPTION	SET OF
CAS01-R		CASTERS	5", HEAVY DUTY, LOCKING, FOR 1-5/8" DIAMETER LEGS	4
CAS02-R		CASTERS	5", HEAVY DUTY, LOCKING, FOR 1-5/8" DIAMETER LEGS	6
CAS03		CASTERS	2-1/2", HEAVY DUTY, LOCKING	4
CAS-RN		CASTERS	3", BLACK, LOCKING	4
CAS23-R		CASTERS	5", HEAVY DUTY, LOCKING, FOR 2" SQUARE TUBE	4
CUCCAS-DLGS		CASTERS	5", SWIVEL LOCKING PLATE CASTER	4
CAS05		FLANGE FEET	ADJUSTABLE, STAINLESS STEEL	4
CAS05H		FLANGE FEET	ADJUSTABLE WITH HOLES FOR ATTACHMENT TO FLOOR, STAINLESS STEEL	4
CASWS05-4		CASTERS	LOCKING W/ BUMPERS	4
CAS06		FLANGE FEET	ADJUSTABLE, STAINLESS STEEL	6
CAS06H		FLANGE FEET	ADJUSTABLE WITH HOLES FOR ATTACHMENT TO FLOOR, STAINLESS STEEL	6
CAS07		BULLET FOOT	ADJUSTABLE, STAINLESS STEEL	EACH
CAS07-4		BULLET FOOT	ADJUSTABLE, STAINLESS STEEL, ONE (1) EACH PER LEG OF TABLE	4
CAS07-6		BULLET FOOT	ADJUSTABLE, STAINLESS STEEL, FOR 1-5/8" DIA. LEG	6
CAS08		BULLET FOOT	ADJUSTABLE, STAINLESS STEEL, FOR 1-1/2" SQUARE LEG	EACH
CAS08-4		BULLET FOOT	ADJUSTABLE, STAINLESS STEEL, FOR 1-1/2" SQUARE LEG	4
CAS08-6		BULLET FOOT	ADJUSTABLE, STAINLESS STEEL, FOR 1-1/2" SQUARE LEG	6
CAS12-1		FLANGE FEET	ADJUSTABLE, STAINLESS STEEL, (W/ MOUNTING HOLES)	EACH
CAS14		CASTERS	5", HEAVY DUTY, LOCKING	4
CAS14-6		CASTERS	5", HEAVY DUTY, LOCKING	6
CAS15		FLANGE FEET	ADJUSTABLE, STAINLESS STEEL	EACH
CAS16		FLANGE FEET	ADJUSTABLE, STAINLESS STEEL, 3-1/2" DIA.	4
CAS17		FLANGE FEET	ADJUSTABLE, STAINLESS STEEL, 3-1/2" DIA., (TABLES 84" & LONGER WITH 6 LEGS)	6



CAS01-R



CAS03



CAS-RN



CASWS05-4



CAS07

SOME UNITS SHIP UNASSEMBLED FOR REDUCED SHIPPING COST. ALL DIMENSIONS ARE TYPICAL. TOLERANCE +/- .500"

John Boos & Co. is constantly engaged in a program of improving products and therefore reserves the right to change specifications without prior notice.



3601 S. Banker St. • Effingham, IL 62401 • PO BOX 609 • quotes@johnboos.com



W/ TRAY SLIDES BOTH
SIDE FOLD DOWN TYPE
CUSTOM SEE PLANS

SPEC SHEET

"ST4-SSK" STAINLESS STEEL TOP WORK TABLES

14GA Top & Stainless Steel Legs w/Adjustable Undershelf

FEATURES:

- 14GA Stainless Steel Top
- Type 300 Stainless Steel With #4 Polish, Satin Finish
- Top Is Sound Deadened
- Reinforced With 1"x2" Channel Running Entire Length Of Table
- 1-1/2" Stallion Edge On Front And Rear With Side Edges 90 Degree Bend Down For Table Line-Up
- Stainless Base With Adjustable Undershelf
- Adjustable Bullet Feet
- Shipped Knocked-Down, Easy-To-Assemble

SPECIFICATIONS:

- Top: Stainless Steel Tops Are TIG Welded, Exposed Welds Are Polished To Match Adjacent Surface
- Top: 14GA Stainless Steel Type 300 Stainless Steel With #4 Polish, Satin Finish
- Shelf: 18GA Stainless Steel (36" Wide Tables, 16GA Lower Shelf)
- Legs: 1-5/8" Round O.D. , 16GA Tubular Stainless Steel
- Gussets: Stainless Steel
- Feet: 1" Adjustable Stainless Steel Bullet Feet

CERTIFICATIONS:



ST4-3048SSK

ACCESSORIES

DESCRIPTION

Drawer

Drawer Lock

Casters

Overshelves

Sinks

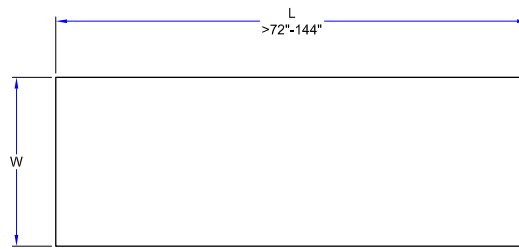
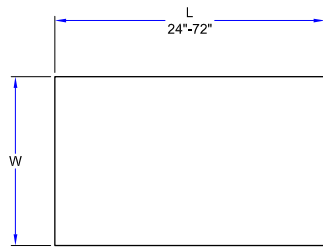
Pot Rack

"ST4-SSK" STAINLESS STEEL TOP WORK TABLES

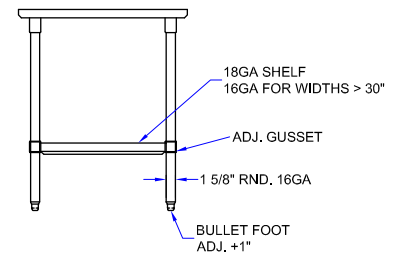
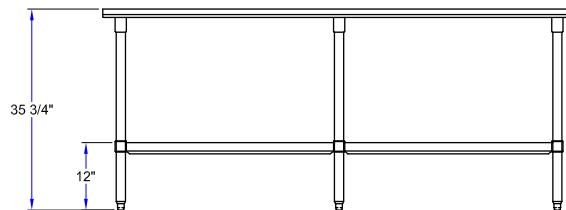
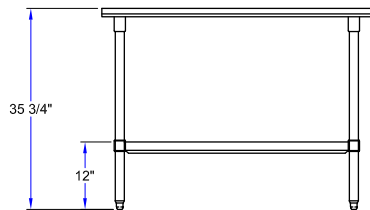
LENGTH	24" WIDE	WT	WT CAP	30" WIDE	WT	WT CAP	36" WIDE	WT	WT CAP	48" WIDE	WT	WT CAP
24"	ST4-2424SSK	46	900	ST4-3024SSK	52	900	ST4-3624SSK	61	900	-	-	-
30"	ST4-2430SSK	52	900	ST4-3030SSK	58	900	ST4-3630SSK	70	900	-	-	-
36"	ST4-2436SSK	58	900	ST4-3036SSK	67	900	ST4-3636SSK	81	900	-	-	-
48"	ST4-2448SSK	72	900	ST4-3048SSK	82	900	ST4-3648SSK	100	900	ST4-4848SSK	121	900
60"	ST4-2460SSK	85	650	ST4-3060SSK	98	650	ST4-3660SSK	120	650	ST4-4860SSK	151	650
72"	ST4-2472SSK	98	420	ST4-3072SSK	113	420	ST4-3672SSK	139	420	ST4-4872SSK	175	420
84"	ST4-2484SSK	119	1350	ST4-3084SSK	137	1350	ST4-3684SSK	168	1350	ST4-4884SSK	212	1350
96"	ST4-2496SSK	132	1350	ST4-3096SSK	153	1350	ST4-3696SSK	188	1350	ST4-4896SSK	241	1350
108"	ST4-24108SSK	145	1350	ST4-30108SSK	168	1350	ST4-36108SSK	209	1350	ST4-48108SSK	265	1350
120"	ST4-24120SSK	158	1200	ST4-30120SSK	184	1200	ST4-36120SSK	229	1200	ST4-48120SSK	293	1200
132"	ST4-24132SSK	171	960	ST4-30132SSK	200	960	ST4-36132SSK	248	960	ST4-48132SSK	319	960
144"	ST4-24144SSK	184	750	ST4-30144SSK	216	750	ST4-36144SSK	268	750	ST4-48144SSK	344	750

OVERALL WEIGHT (WT) AND MAX WEIGHT CAPACITY (WT CAP) ARE IN POUNDS (LBS). MAX WEIGHT CAPACITY EVENLY DISTRIBUTED.
ALL DIMENSIONS ARE TYPICAL. TOLERANCE +/- .500". JOHN BOOS & CO. RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.

DETAILED SPECIFICATIONS



Units 7 Ft. & Larger Are
Furnished With Six Legs
Shelf Length = Length Minus 4.875"
Shelf Width = Width Minus 4.25"



MODEL # STRUCTURE

24 = Width Of Work Surface
4 = 14GA Work Surface
ST = Stainless Steel Top



30 = Length Of Work Surface
SS = Stainless Legs & Shelf
K = Ships Knocked Down

ST4-2430SSK

"ST4-SSK" STAINLESS STEEL TOP WORK TABLES

LENGTH	24" WIDE	WT	WT CAP	30" WIDE	WT	WT CAP	36" WIDE	WT	WT CAP	48" WIDE	WT	WT CAP
24"	ST4-2424SSK	46	900	ST4-3024SSK	52	900	ST4-3624SSK	61	900	-	-	-
30"	ST4-2430SSK	52	900	ST4-3030SSK	58	900	ST4-3630SSK	70	900	-	-	-
36"	ST4-2436SSK	58	900	ST4-3036SSK	67	900	ST4-3636SSK	81	900	-	-	-
48"	ST4-2448SSK	72	900	ST4-3048SSK	82	900	ST4-3648SSK	100	900	ST4-4848SSK	121	900
60"	ST4-2460SSK	85	650	ST4-3060SSK	98	650	ST4-3660SSK	120	650	ST4-4860SSK	151	650
72"	ST4-2472SSK	98	420	ST4-3072SSK	113	420	ST4-3672SSK	139	420	ST4-4872SSK	175	420
84"	ST4-2484SSK	119	1350	ST4-3084SSK	137	1350	ST4-3684SSK	168	1350	ST4-4884SSK	212	1350
96"	ST4-2496SSK	132	1350	ST4-3096SSK	153	1350	ST4-3696SSK	188	1350	ST4-4896SSK	241	1350
108"	ST4-24108SSK	145	1350	ST4-30108SSK	168	1350	ST4-36108SSK	209	1350	ST4-48108SSK	265	1350
120"	ST4-24120SSK	158	1200	ST4-30120SSK	184	1200	ST4-36120SSK	229	1200	ST4-48120SSK	293	1200
132"	ST4-24132SSK	171	960	ST4-30132SSK	200	960	ST4-36132SSK	248	960	ST4-48132SSK	319	960
144"	ST4-24144SSK	184	750	ST4-30144SSK	216	750	ST4-36144SSK	268	750	ST4-48144SSK	344	750

OVERALL WEIGHT (WT) AND MAX WEIGHT CAPACITY (WT CAP) ARE IN POUNDS (LBS). MAX WEIGHT CAPACITY EVENLY DISTRIBUTED.
ALL DIMENSIONS ARE TYPICAL. TOLERANCE +/- .500". JOHN BOOS & CO. RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.



**John
BOOS**
Since 1887

ITEM #: _____ QTY: _____

MODEL #: _____

PROJECT NAME: _____

021521

3601 S. Banker St. Effingham, IL 62401 • P.O. BOX 609 • Ph: (888) 431-2667 • Fax: (800) 433-2667

"CAS" CASTERS & FEET

CASTERS & FEET

MODEL #	QTY	ITEM	DESCRIPTION	SET OF
CAS01-R		CASTERS	5", HEAVY DUTY, LOCKING, FOR 1-5/8" DIAMETER LEGS	4
CAS02-R		CASTERS	5", HEAVY DUTY, LOCKING, FOR 1-5/8" DIAMETER LEGS	6
CAS03		CASTERS	2-1/2", HEAVY DUTY, LOCKING	4
CAS-RN		CASTERS	3", BLACK, LOCKING	4
CAS23-R		CASTERS	5", HEAVY DUTY, LOCKING, FOR 2" SQUARE TUBE	4
CUCCAS-DLGS		CASTERS	5", SWIVEL LOCKING PLATE CASTER	4
CAS05		FLANGE FEET	ADJUSTABLE, STAINLESS STEEL	4
CAS05H		FLANGE FEET	ADJUSTABLE WITH HOLES FOR ATTACHMENT TO FLOOR, STAINLESS STEEL	4
CASWS05-4		CASTERS	LOCKING W/ BUMPERS	4
CAS06		FLANGE FEET	ADJUSTABLE, STAINLESS STEEL	6
CAS06H		FLANGE FEET	ADJUSTABLE WITH HOLES FOR ATTACHMENT TO FLOOR, STAINLESS STEEL	6
CAS07		BULLET FOOT	ADJUSTABLE, STAINLESS STEEL	EACH
CAS07-4		BULLET FOOT	ADJUSTABLE, STAINLESS STEEL, ONE (1) EACH PER LEG OF TABLE	4
CAS07-6		BULLET FOOT	ADJUSTABLE, STAINLESS STEEL, FOR 1-5/8" DIA. LEG	6
CAS08		BULLET FOOT	ADJUSTABLE, STAINLESS STEEL, FOR 1-1/2" SQUARE LEG	EACH
CAS08-4		BULLET FOOT	ADJUSTABLE, STAINLESS STEEL, FOR 1-1/2" SQUARE LEG	4
CAS08-6		BULLET FOOT	ADJUSTABLE, STAINLESS STEEL, FOR 1-1/2" SQUARE LEG	6
CAS12-1		FLANGE FEET	ADJUSTABLE, STAINLESS STEEL, (W/ MOUNTING HOLES)	EACH
CAS14		CASTERS	5", HEAVY DUTY, LOCKING	4
CAS14-6		CASTERS	5", HEAVY DUTY, LOCKING	6
CAS15		FLANGE FEET	ADJUSTABLE, STAINLESS STEEL	EACH
CAS16		FLANGE FEET	ADJUSTABLE, STAINLESS STEEL, 3-1/2" DIA.	4
CAS17		FLANGE FEET	ADJUSTABLE, STAINLESS STEEL, 3-1/2" DIA., (TABLES 84" & LONGER WITH 6 LEGS)	6



CAS01-R



CAS03



CAS-RN



CASWS05-4



CAS07

SOME UNITS SHIP UNASSEMBLED FOR REDUCED SHIPPING COST. ALL DIMENSIONS ARE TYPICAL. TOLERANCE +/- .500"

John Boos & Co. is constantly engaged in a program of improving products and therefore reserves the right to change specifications without prior notice.



3601 S. Banker St. • Effingham, IL 62401 • PO BOX 609 • quotes@johnboos.com



Project _____
 Item # _____
 Quantity _____

Decorative Lamps/ Luminaires

Models: DLL-, DL- or **DLH**-400, -500, -600, -700, -725, **-750**, -760, -775, -800, -1100, -1400, -1500, -1600, -1700, -1800, -2100, -2200, -2300, -2400

Hatco Decorative Lamps provide radiant heat to briefly hold food warm at kitchen work areas, wait staff pickup stations or customer serving points, while enhancing your décor. Versatile enough for almost any location, the range of lights are available with a selection of unlimited personalized choices. In addition to food warming, configurations for display lighting are offered as well.

Standard features

- Luminaire (Low Watt), Standard and High Watt bulbs available (bulb not included in unit price)
- Models available in nineteen lamp shade styles
- Ten different mounting arrangements to choose from
- Up to four switch options (Lower switch not available on DL-2100, -2200, -2300 or -2400)
- Available for food holding and display or lighting only applications
- Track Adapter available in 120 volt only

NOTE:
Decorative Lamps (DLL, DL or DLH Series) are non-returnable.

Build Your Decorative/Luminaire Lamp in Six Easy Steps

(not for retrofit-bulb not included) –

- Step 1** Electrical
- Step 2** Mounting Style
- Step 3** Switch Location
- Step 4** Shade Style
- Step 5** Shade and Canopy Colors
- Step 6** Overall Length



You can develop your own Hatco Decorative Lamp solutions with our online lamp configurator.

Visit "www.hatcocorp.com" and click on "[Build a Lamp](#)"

• IFS anti-microbial coatings use naturally-occurring, environmentally sustainable, silver ions to help inhibit the growth of microbes on the powder coated surface. See www.hatcocorp.com/antimicrobial-paint for more information.

For operation, location and safety information, please refer to the Installation and Operating Manual.



(From left to right-top photo) DL-800-CTR, -750-CL, -400-ASU, -725-SU, -775-RL, -600-SL, -500-SU, -760-ASL, -700-SU, -1100-CR, -1500-CTR and -1400-CU
 (From left to right-inset photo) DL-2300-ASN, -2200-SU, -2100-SR, -1800-RL, -2400-SU, -1600-RCL and -1700-ASU

Options (available at time of purchase only)

- Designer Colors** (Exception: DL-1500) ■
- Warm Red Black Gray Granite White Granite
 - Navy Blue Hunter Green Antique Copper
- Gloss Finishes** (Exception: DL-1500) ■
- Smooth White Gleaming Gold Glossy Gray Bold Black
- Gloss Finishes* for Shade Only** (Exception: DL-1500)
- Radiant Red Brilliant Blue Clear Brushed Metal
- Plated Finishes*** (Exception: DL-1500) ■
- Bright Brass Bright Nickel Bright Copper
 - Antique Nickel Antique Brass Antique Bronze
- DLX-1500 Color Combinations only** ■
- Designer Finishes Black/Antique Copper/Black
 - Gloss Finishes Bold Black/Radiant Red/Bold Black*
 - Gloss Bold Black/Plated Bright Nickel/Gloss Bold Black*
 - Gloss Bold Black/Plated Antique Nickel/Gloss Bold Black*
 - Gloss Bold Black/Plated Bright Copper/Gloss Bold Black*
- *Special process required and extended lead times
- Cord Color** (C=Cord, R=Coiled Retractable Cord Mounts & RC=Retractable Cord Mounts only)
- Black (Standard) White
- Luminaire Lighting (100W bulb maximum, not included)
- Extended Electrical Leads** – For any ASU, SU, ASL, SL, ASR or SR mount unit, must specify lead length
- 1'-5' (305-1524 mm) 6'-10' (1829-3048 mm)
 - 11'-15' (3353-4572 mm) 16'-20' (4877-6096 mm)

Accessories

- Track Mount Bar** - (120V only, maximum 16 amps per any length of track)[§]
- 4' (1219 mm) Black White
 - 8' (2438 mm), two 4' (1219 mm) with Coupler Black White
 - 12' (3657 mm), three 4' (1219 mm) with Couplers Black White
 - 16' (4876 mm), four 4' (1219 mm) with Couplers Black White
- Additional Track Installation and Modification Kit**[§]: Black White
- [§] Only sold in the United States and Canada
 Overall length may not add up to the exact desired size for 8', 12' or 16' options due to cumulative deductions for each 4' section used
- 16 Amp Lamp Toggle Switch
- Coated Bulbs, Luminaire models only:** 120V, 40W Clear 240V, 40W Clear
- Coated Bulbs:** 120V, 250W Clear 240V, 250W Clear 120V, 250W Red 120V, 375W Coated Bulbs for DLH models only
- Uncoated Bulbs:** 120V, 250W Clear 240V, 250W Clear 120V, 250W Red 120V, 375W Clear for DLH models only



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Decorative Lamps/Luminaires

Models: DLL-, DL- or DLH-400, -500, -600, -700, -725, -750, -760, -775, -800, -1100, -1400, -1500, -1600, -1700, -1800, -2100, -2200, -2300, -2400

ORDERING INSTRUCTIONS

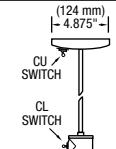
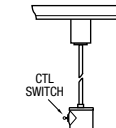
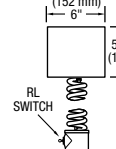
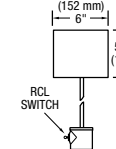
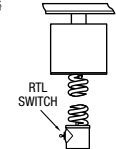
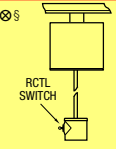
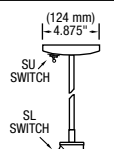
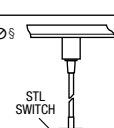
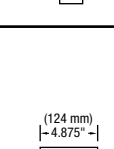
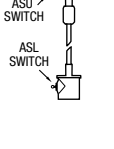
Please refer to the six steps in the Hatco Foodservice Equipment Price List or go online at www.hatcocorp.com and click on "Build A Lamp". This will help you in choosing the correct configuration for your specific needs.

Step 1-Electrical

Model	Maximum Watt Bulb (Not included)	Voltage Single Phase	Approx. Ship Weight [▲]
DLL- (Luminaire)	100	120, 240	6-10 lbs. (3-5 kg)
DL- (Standard)	250	120, 240	6-10 lbs. (3-5 kg)
DLH- (High Watt)	375	120, 240	6-10 lbs. (3-5 kg)

◀ Not field convertible ▲ Depending on components

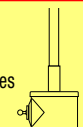
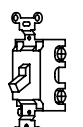
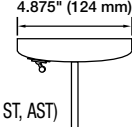
Step 2-Mounting Style

MOUNTING STYLES	SPECIFY the:	Shade Height	
		8.5" H (216 mm)	10.5" H (267 mm)
CORD C Mount ® Cord Mount to canopy.  CT Mount ®§ Cord Mount to track adapter. 	Overall Length	17" (432 mm) to any length	19" (483 mm) to any length
		RETRACTABLE CORD R Mount ® Coiled Retractable Cord Mount.  RC Mount ® Retractable Cord Mount.  RT Mount *®§ Coiled Retractable Cord Mount to track adapter.  RCT Mount *®§ Retractable Cord Mount to track adapter. 	31" to 69½" (787 to 1765 mm)
Adjusts to a maximum and minimum according to shade height	24" to 72" (610 to 1829 mm)		27" to 75" (686 to 1905 mm)
33⅜" to 71⅞" (848 to 1826 mm)	35⅝" to 73⅞" (899 to 1876 mm)		
27" to 75" (686 to 1905 mm)	29" to 77" (737 to 1956 mm)		
STEM S Mount ® Rigid Stem Mount to canopy.  ST Mount *®§ Rigid Stem Mount to track adapter. 	Overall Length		14" to 71" (356 to 1803 mm)
		ADJUSTABLE AS Mount ® At install only, limited height adjustments with Rigid Stem Mount to canopy.  AST Mount *®§ At install only, limited height adjustments with Rigid Stem Mount to track adapter. 	ASU, ASR, ASN 14" to 16" 16" to 18" 16" to 19½" 18" to 21½" 20" to 27" 22" to 29" 27" to 42" 29" to 44" 42" to 72" 44" to 74"
ASL 16" to 17" 18" to 19" 18" to 22" 20" to 24" 22" to 28" 24" to 30" 29" to 43" 31" to 45" 44" to 73" 46" to 75"			
ASTR, ASTN 16" to 18" 18" to 20" 18" to 21" 20" to 23" 22" to 29" 24" to 31" 30" to 44" 32" to 46" 45" to 74" 47" to 76"			
ASTL 18" to 19" 20" to 21" 20" to 23" 22" to 25" 24" to 31" 26" to 33" 31" to 45" 33" to 47" 46" to 75" 48" to 77"			

* NOTE: Lamp shade diameter and wattage may limit number of lamps per track. Maximum 1920 watts or 16 amps per any length of track. To assure warranty coverage, do not install track systems in damp or wet locations (including above steam tables). Track adapter available for 120V only.

® Mounting style not available with a lower switch for DL-2100, -2200, -2300, or -2400.
 ® Not available for DL-2100, -2200, -2300 or -2400.
 § Only available in the United States and Canada

Step 3-Switch Location

(N)-None Supplied by installer	(L)-Lower Switch (Horizontal toggle) Not available on: • DLH (High Watt models) • 2X00 shade styles 	(R)-Remote Switch • Accommodates 16 amps • Up to seven 250W lamps, or five 375W lamps maximum per remote switch 	(U)-Upper Switch Not available on: • DLH (High Watt models) • R, RC Mounts • Track Mounts (CT, RT, RCT, ST, AST) 
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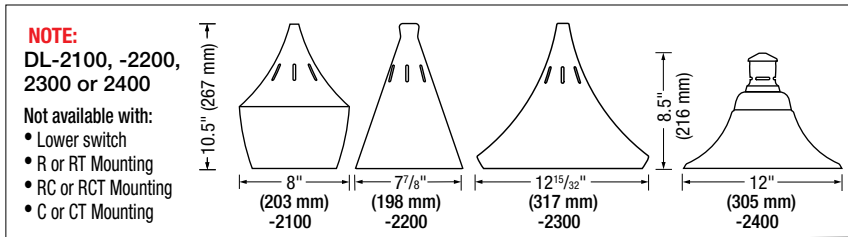
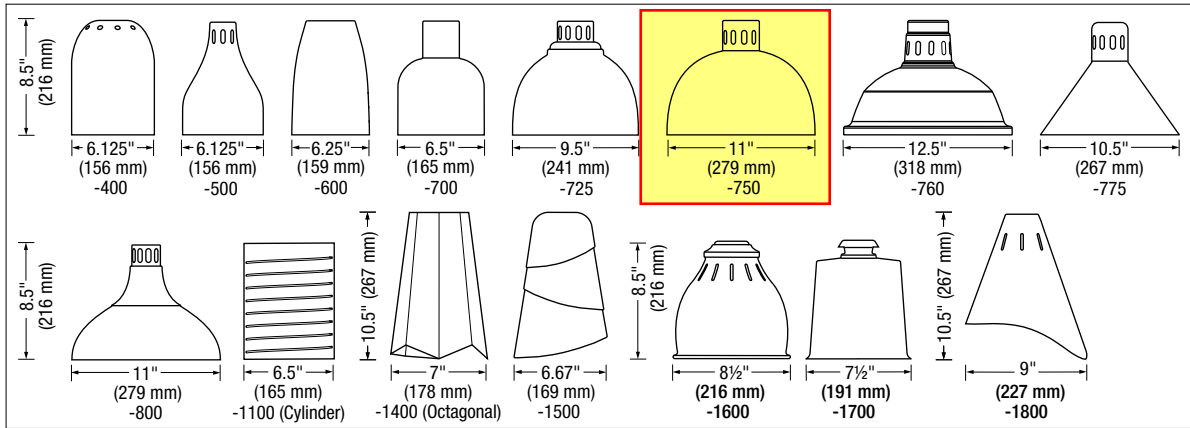
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Decorative Lamps/Luminaires

Models: DLL-, DL- or DLH-400, -500, -600, -700, -725, -750, -760, -775, -800, -1100, -1400, -1500, -1600, -1700, -1800, -2100, -2200, -2300, -2400

Step 4-Shade Style (height and width shown)



Step 5-Shade and Canopy Colors - Click on www.hatcocorp.com (Order Literature/Brochures/Sales Literature/Color Chip Chart) or see the [Hatco Price List](#) for color representations.

Shade and Canopy Colors		DLX-1500 Shade and Canopy Colors		
Designer Colors	Warm Red, Black, Gray Granite, White Granite, Navy Blue, Hunter Green, Antique Copper	Designer Black/ Antique Copper/ Black	Gloss Bold Black*/ Plated Bright Nickel/ Gloss Bold Black	
Gloss Finishes	Smooth White, Gleaming Gold, Glossy Gray, Bold Black			
	Shade Only* : Radiant Red, Brilliant Blue, Clear Brushed Metal			
Plated Finishes*	Bright Brass, Bright Nickel, Bright Copper, Antique Nickel, Antique Brass, Antique Bronze	Gloss Bold Black*/ Plated Antique Nickel/ Gloss Bold Black	Gloss Bold Black*/ Plated Bright Copper/ Gloss Bold Black	Gloss Bold Black*/ Radiant Red/ Bold Black

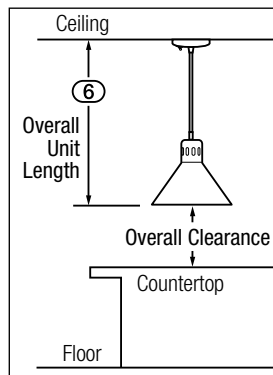
*Special Process Required and Extended Lead Times

DLX-2400 Top Cap color available in standard Black



Step 6-Overall Unit Length

- For C, CT, S, ST, AS or AST Mounts: From ceiling to bottom of warmer lamp shade (#6 in drawing).
- For Clearance: See "Clearance Requirements" in the Hatco Price List Ordering Instructions.



PRODUCT SPECS Decorative Lamps/Luminaires

The Decorative Lamp shall be a Hatco Model ... as manufactured by the Hatco Corporation, Milwaukee, WI 53234 U.S.A.

The Decorative Lamp shall be rated at ... watts, ... volts, and ... inches (millimeters) in overall width. It shall consist of a vented lamp shade and mounting. Switch locations

can be upper, lower, remote or supplied by installer. Bulb options are uncoated or coated, clear or red, 60W clear (DLL), 250W (DL models) or 375W (DLH models).

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

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SPEC SHEET

"ST4-SSK" STAINLESS STEEL TOP WORK TABLES

14GA Top & Stainless Steel Legs w/Adjustable Undershef

FEATURES:

- 14GA Stainless Steel Top
- Type 300 Stainless Steel With #4 Polish, Satin Finish
- Top Is Sound Deadened
- Reinforced With 1"x2" Channel Running Entire Length Of Table
- 1-1/2" Stallion Edge On Front And Rear With Side Edges 90 Degree Bend Down For Table Line-Up
- Stainless Base With Adjustable Undershef
- Adjustable Bullet Feet
- Shipped Knocked-Down, Easy-To-Assemble

SPECIFICATIONS:

- Top: Stainless Steel Tops Are TIG Welded, Exposed Welds Are Polished To Match Adjacent Surface
- Top: 14GA Stainless Steel Type 300 Stainless Steel With #4 Polish, Satin Finish
- Shelf: 18GA Stainless Steel (36" Wide Tables, 16GA Lower Shelf)
- Legs: 1-5/8" Round O.D. , 16GA Tubular Stainless Steel
- Gussets: Stainless Steel
- Feet: 1" Adjustable Stainless Steel Bullet Feet

CERTIFICATIONS:



ST4-3048SSK

ACCESSORIES

DESCRIPTION

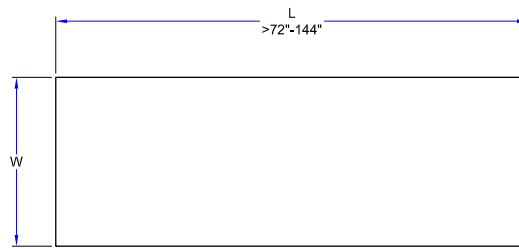
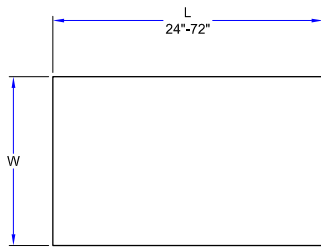
- Drawer
- Drawer Lock
- Casters**
- Overshelves
- Sinks
- Pot Rack

"ST4-SSK" STAINLESS STEEL TOP WORK TABLES

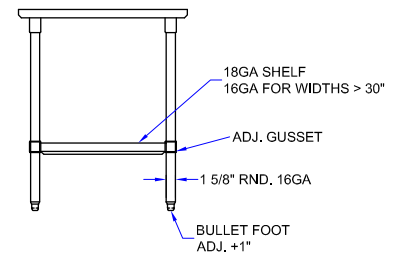
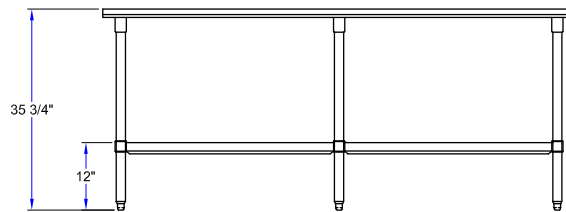
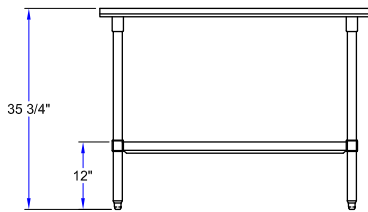
LENGTH	24" WIDE	WT	WT CAP	30" WIDE	WT	WT CAP	36" WIDE	WT	WT CAP	48" WIDE	WT	WT CAP
24"	ST4-2424SSK	46	900	ST4-3024SSK	52	900	ST4-3624SSK	61	900	-	-	-
30"	ST4-2430SSK	52	900	ST4-3030SSK	58	900	ST4-3630SSK	70	900	-	-	-
36"	ST4-2436SSK	58	900	ST4-3036SSK	67	900	ST4-3636SSK	81	900	-	-	-
48"	ST4-2448SSK	72	900	ST4-3048SSK	82	900	ST4-3648SSK	100	900	ST4-4848SSK	121	900
60"	ST4-2460SSK	85	650	ST4-3060SSK	98	650	ST4-3660SSK	120	650	ST4-4860SSK	151	650
72"	ST4-2472SSK	98	420	ST4-3072SSK	113	420	ST4-3672SSK	139	420	ST4-4872SSK	175	420
84"	ST4-2484SSK	119	1350	ST4-3084SSK	137	1350	ST4-3684SSK	168	1350	ST4-4884SSK	212	1350
96"	ST4-2496SSK	132	1350	ST4-3096SSK	153	1350	ST4-3696SSK	188	1350	ST4-4896SSK	241	1350
108"	ST4-24108SSK	145	1350	ST4-30108SSK	168	1350	ST4-36108SSK	209	1350	ST4-48108SSK	265	1350
120"	ST4-24120SSK	158	1200	ST4-30120SSK	184	1200	ST4-36120SSK	229	1200	ST4-48120SSK	293	1200
132"	ST4-24132SSK	171	960	ST4-30132SSK	200	960	ST4-36132SSK	248	960	ST4-48132SSK	319	960
144"	ST4-24144SSK	184	750	ST4-30144SSK	216	750	ST4-36144SSK	268	750	ST4-48144SSK	344	750

OVERALL WEIGHT (WT) AND MAX WEIGHT CAPACITY (WT CAP) ARE IN POUNDS (LBS). MAX WEIGHT CAPACITY EVENLY DISTRIBUTED.
ALL DIMENSIONS ARE TYPICAL. TOLERANCE +/- .500". JOHN BOOS & CO. RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.

DETAILED SPECIFICATIONS



Units 7 Ft. & Larger Are
Furnished With Six Legs
Shelf Length = Length Minus 4.875"
Shelf Width = Width Minus 4.25"



MODEL # STRUCTURE

24 = Width Of Work Surface
4 = 14GA Work Surface
ST = Stainless Steel Top



30 = Length Of Work Surface
SS = Stainless Legs & Shelf
K = Ships Knocked Down

ST4-2430SSK

"ST4-SSK" STAINLESS STEEL TOP WORK TABLES

LENGTH	24" WIDE	WT	WT CAP	30" WIDE	WT	WT CAP	36" WIDE	WT	WT CAP	48" WIDE	WT	WT CAP
24"	ST4-2424SSK	46	900	ST4-3024SSK	52	900	ST4-3624SSK	61	900	-	-	-
30"	ST4-2430SSK	52	900	ST4-3030SSK	58	900	ST4-3630SSK	70	900	-	-	-
36"	ST4-2436SSK	58	900	ST4-3036SSK	67	900	ST4-3636SSK	81	900	-	-	-
48"	ST4-2448SSK	72	900	ST4-3048SSK	82	900	ST4-3648SSK	100	900	ST4-4848SSK	121	900
60"	ST4-2460SSK	85	650	ST4-3060SSK	98	650	ST4-3660SSK	120	650	ST4-4860SSK	151	650
72"	ST4-2472SSK	98	420	ST4-3072SSK	113	420	ST4-3672SSK	139	420	ST4-4872SSK	175	420
84"	ST4-2484SSK	119	1350	ST4-3084SSK	137	1350	ST4-3684SSK	168	1350	ST4-4884SSK	212	1350
96"	ST4-2496SSK	132	1350	ST4-3096SSK	153	1350	ST4-3696SSK	188	1350	ST4-4896SSK	241	1350
108"	ST4-24108SSK	145	1350	ST4-30108SSK	168	1350	ST4-36108SSK	209	1350	ST4-48108SSK	265	1350
120"	ST4-24120SSK	158	1200	ST4-30120SSK	184	1200	ST4-36120SSK	229	1200	ST4-48120SSK	293	1200
132"	ST4-24132SSK	171	960	ST4-30132SSK	200	960	ST4-36132SSK	248	960	ST4-48132SSK	319	960
144"	ST4-24144SSK	184	750	ST4-30144SSK	216	750	ST4-36144SSK	268	750	ST4-48144SSK	344	750

OVERALL WEIGHT (WT) AND MAX WEIGHT CAPACITY (WT CAP) ARE IN POUNDS (LBS). MAX WEIGHT CAPACITY EVENLY DISTRIBUTED.
ALL DIMENSIONS ARE TYPICAL. TOLERANCE +/- .500". JOHN BOOS & CO. RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.



**John
BOOS**
Since 1887

ITEM #: _____ QTY: _____
MODEL #: _____
PROJECT NAME: _____

021521

3601 S. Banker St. Effingham, IL 62401 • P.O. BOX 609 • Ph: (888) 431-2667 • Fax: (800) 433-2667

"CAS" CASTERS & FEET

CASTERS & FEET

MODEL #	QTY	ITEM	DESCRIPTION	SET OF
CAS01-R		CASTERS	5", HEAVY DUTY, LOCKING, FOR 1-5/8" DIAMETER LEGS	4
CAS02-R		CASTERS	5", HEAVY DUTY, LOCKING, FOR 1-5/8" DIAMETER LEGS	6
CAS03		CASTERS	2-1/2", HEAVY DUTY, LOCKING	4
CAS-RN		CASTERS	3", BLACK, LOCKING	4
CAS23-R		CASTERS	5", HEAVY DUTY, LOCKING, FOR 2" SQUARE TUBE	4
CUCCAS-DLGS		CASTERS	5", SWIVEL LOCKING PLATE CASTER	4
CAS05		FLANGE FEET	ADJUSTABLE, STAINLESS STEEL	4
CAS05H		FLANGE FEET	ADJUSTABLE WITH HOLES FOR ATTACHMENT TO FLOOR, STAINLESS STEEL	4
CASWS05-4		CASTERS	LOCKING W/ BUMPERS	4
CAS06		FLANGE FEET	ADJUSTABLE, STAINLESS STEEL	6
CAS06H		FLANGE FEET	ADJUSTABLE WITH HOLES FOR ATTACHMENT TO FLOOR, STAINLESS STEEL	6
CAS07		BULLET FOOT	ADJUSTABLE, STAINLESS STEEL	EACH
CAS07-4		BULLET FOOT	ADJUSTABLE, STAINLESS STEEL, ONE (1) EACH PER LEG OF TABLE	4
CAS07-6		BULLET FOOT	ADJUSTABLE, STAINLESS STEEL, FOR 1-5/8" DIA. LEG	6
CAS08		BULLET FOOT	ADJUSTABLE, STAINLESS STEEL, FOR 1-1/2" SQUARE LEG	EACH
CAS08-4		BULLET FOOT	ADJUSTABLE, STAINLESS STEEL, FOR 1-1/2" SQUARE LEG	4
CAS08-6		BULLET FOOT	ADJUSTABLE, STAINLESS STEEL, FOR 1-1/2" SQUARE LEG	6
CAS12-1		FLANGE FEET	ADJUSTABLE, STAINLESS STEEL, (W/ MOUNTING HOLES)	EACH
CAS14		CASTERS	5", HEAVY DUTY, LOCKING	4
CAS14-6		CASTERS	5", HEAVY DUTY, LOCKING	6
CAS15		FLANGE FEET	ADJUSTABLE, STAINLESS STEEL	EACH
CAS16		FLANGE FEET	ADJUSTABLE, STAINLESS STEEL, 3-1/2" DIA.	4
CAS17		FLANGE FEET	ADJUSTABLE, STAINLESS STEEL, 3-1/2" DIA., (TABLES 84" & LONGER WITH 6 LEGS)	6



CAS01-R



CAS03



CAS-RN



CASWS05-4



CAS07

SOME UNITS SHIP UNASSEMBLED FOR REDUCED SHIPPING COST. ALL DIMENSIONS ARE TYPICAL. TOLERANCE +/- .500"

John Boos & Co. is constantly engaged in a program of improving products and therefore reserves the right to change specifications without prior notice.



3601 S. Banker St. • Effingham, IL 62401 • PO BOX 609 • quotes@johnboos.com

Description: Exhaust Hood W/ Ansul

Notes: Exhaust Hood W/ Ansul

Description: Ansul Remote Fire Pull Station

Notes: Ansul Remote Fire Pull Station



SOLSTICE Gas (SG14 & SG18) With Filter Drawer



STANDARD FRYER FEATURES & ACCESSORIES

- Tank - stainless steel construction
- Cabinet - stainless front, door and sides
- Solstice Burner Technology, No blower or ceramics
- Millivolt Thermostat (T-Stat)
200°F-400°F (190°C-93°C CE)
- Thermo-Safety pilot with built in regulator.
- High Temperature safety limit switch
- Heavy duty 3/16" bottom door hinge
- 1 ¼" (3.2 cm) Full port drain valve for fast draining
- Separate Manual gas shutoffs, for front servicing
- Integrated flue deflector
- 9"(22.9cm) adjustable legs, easier access to clean
- Tube rack, allows crumbs & debris into cool zone
- Removable basket hanger, requires no tools
- Drain Line Clean out rod
- Drain extension
- Fryer cleaner sample packet

STANDARD FILTER FEATURES & ACCESSORIES

- Filter Pan – Welded heavy-duty stainless steel.
- 1/3 HP heavy duty motor and pump assembly.
- Large Filter Media area for filtering heavily breaded products
- Special design pan stabilizer legs allow for ease of movement over rubber mats.

Project _____

Item No. _____

Quantity _____

APPLICATION

For High Production Gas Economy frying specify Pitco Solstice Gas Models SG14 or SG18 tube fryers with the patented Solstice Burner Technology. The dependable blower free atmospheric heating system provides fast recovery to cook a variety of food products. The Solstice gas fryer comes standard with a millivolt thermostat with a thermo-safety pilot, high temperature safety limit switch. The unique Solstice burner and baffle design increases cooking production, lowers flue temperature and improves working environment compared to previous models.

MODELS and COMBINATIONS AVAILABLE

- SG14 (40-50 lbs, 14 x 14" fry area, 110 Kbtu/hr)
 - SG18 (70-90 lbs, 18 x 18" fry area, 140Kbtu/hr)
- Any combination of SG14, SG18 and BNB are available. Refer to fryer specification sheets for options and other technical information. Additional filters may be needed for larger systems.

STANDARD FILTER FEATURES & ACCESSORIES CONT.

- Filter powder
- Filter paper envelope 18-1/2" x 20-1/2" (47cm x 57cm)
- Cleaning Brush
- Fryer Scoop
- Filter Scoop

ACCESSORIES (AT ADDITIONAL COST)

- Stainless Steel back
- 9" (22.9 cm) adjustable, non locking rear & front locking casters
- Flexible gas hose with disconnect and restraining cable.
- Tank cover
- 3-Triple Baskets (not available on 14T)
- Flush hose
- Filter paper envelope 18-1/2" x 20-1/2" (47 cm x 57 cm); 100 sheets per package
- Paperless stainless steel mesh filter
- Filter heater for solid shortening

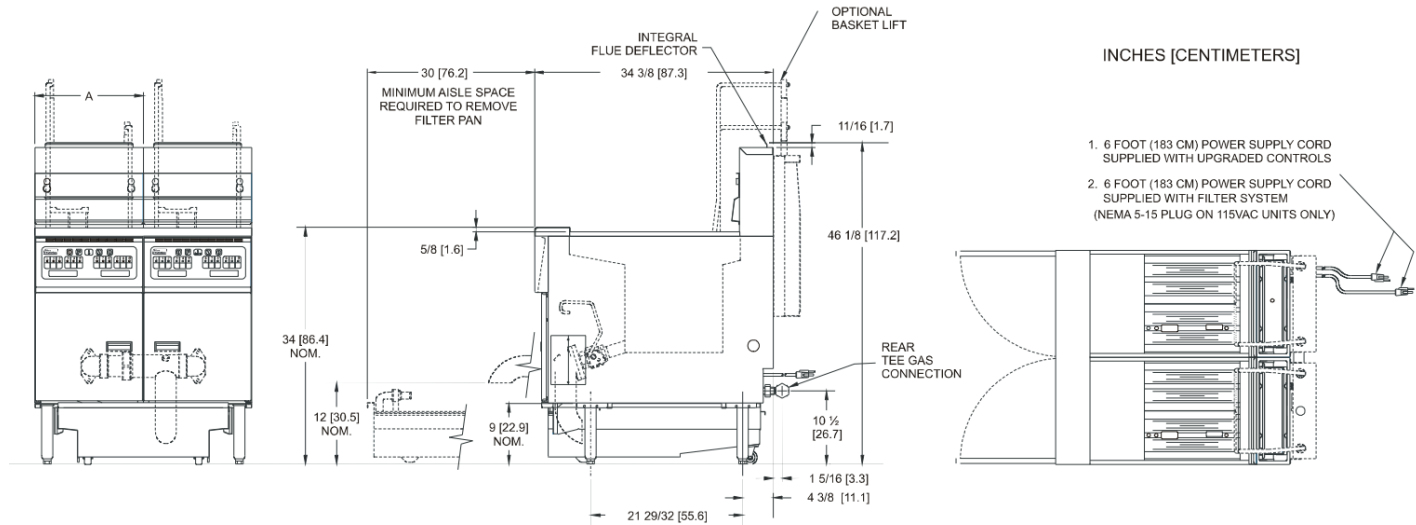
SOLSTICE Gas (SG14 & SG18) With Filter Drawer


Pitco Frialator, Inc • P.O. Box 501, Concord, NH 03302-0501 • 553 Route 3A, Bow, NH 03304

603-225-6684 • FAX: 603-225-8497 • www.pitco.com
156-000073-001 REV1 03/24 Printed in the USA

SOLSTICE Gas (SG14 & SG18) With Filter Drawer

SOLSTICE Gas (SG14 & SG18) With Filter Drawer



- 1. 6 FOOT (183 CM) POWER SUPPLY CORD SUPPLIED WITH UPGRADED CONTROLS
- 2. 6 FOOT (183 CM) POWER SUPPLY CORD SUPPLIED WITH FILTER SYSTEM (NEMA 5-15 PLUG ON 115VAC UNITS ONLY)

INDIVIDUAL FRYER SPECIFICATIONS

Model	"A" Dim	Frying Area	Cook Depth	Oil Capacity
SG14	15-5/8in (39.7cm)	14 x 14 in (35.6 x 35.6 cm)	3-1/4 - 5 in (8.3 - 12.7 cm)	40 - 50 Lbs (18 - 23 kg)
SG18	19-5/8in (49.8cm)	18 x 18 in (45.7 x 45.7 cm)	3-1/4 - 5 in (8.3 - 12.7 cm)	75 Lbs (34 kg)

Filter Specifications

Options	Voltage/Phase/Frequency	Amps	Additional Amps for Filter Heater	Number of Power Cords	Power Cord Locations
Filter	8.0 GPM (30.3 LPM) 1/3 HP	115 / 1 / 60	7	3	At Filter Location
	6.7 GPM (25.4LPM) 1/3 HP	220-230-240 / 1 / 50	3.6	1.5	
Fryer	Millivolt Controls	Not Required	0 N/A	0	No Power Cord

FRYER SHIPPING INFORMATION (Approximate)

Model	Shipping Weight	Shipping Crate Size H x W x L	Shipping Cube
SG14	208 Lbs (95 kg)	59 x 23 x 44 in (149.8 x 58.4 x 111.7 cm)	34.6 ft ³ (1.0m ³)
SG18	226 Lbs (103 kg)	59 x 23 x 44 in (149.8 x 58.4 x 111.7 cm)	34.6 ft ³ (1.0m ³)

INSTALLATION INFORMATION

GAS SYSTEM REQUIREMENTS

Gas Type	Store Supply Pressure *	Burner Manifold Pressure	* Check plumbing / gas codes for proper gas supply line sizing to sustain burner pressure when all gas appliances are full on.
Natural	7 - 10" w.c.(17.4 mbars/ 1.7 kPa)	4" w.c. (10 mbars / 1 kPa)	
Propane	11 - 13" w.c.(27.4 mbars/ 2.7 kPa)	10" w.c. (25mbars/2.4 kPa)	

REAR GAS TEE MANIFOLD

Maximim # of Fryers per Manifold	Rear Gas Tee Connection Location	Gas Connection Size
4 fryer positions allowed: include BNB unit in count	Default location is to the left. Connection is field reversible to the right.	1-1/4" NPT (1-1/4" BSP CE, AuGA) for 367 KBTU / 108 Kw / 387 mJ to 560 KBTU / 164 kW / 591 mJ. 1" NPT (1" BSP CE, AuGA) UP TO 366 KBTU / 107kW / 386mJ 3/4" NPT (3/4" BSP CE, AuGA) for single units

CLEARANCES (Do Not Curb Mount)

Front min.	Floor min.	Combustible material	material	Fryer Flue Area	
		Sides min.	Rear min.	Sides min.	Rear min.
30" (76.2 cm)	6" (15.25 cm)	6" (15.2cm)	6" (15.2cm)	0"	0"

Do not block / restrict flue gases from flowing into hood or install vent hood drains over the flue.

SHORT FORM SPECIFICATION

Provide Pitco Solstice Gas Model (SG xxx) tube fired high production gas floor fryer. Fryer shall be xx-xx lbs oil capacity, xxx Kbtu/hr, xx" by xx" fry area, stainless steel peened tank, stainless front, door, sides. Blower Free atmospheric burner system, with millivolt thermostat and thermo-safety pilot, separate gas shut off, 3/4" npt rear gas connect, recessed cabinet back, 1-1/4" Full port drain valve, 3" diameter drain line with a swivel down spout. 3/16" bottom hinge. Provide options and accessories as follows:



We reserve the right to change specifications without notice and without incurring any obligation for equipment previously or subsequently sold.

GRIDDLE STAND REFRIGERATOR

Model: D72GN

Natural Refrigerant R-290 Model

72" Griddle Stand Refrigerator



ENERGY STAR® Qualified Commercial Refrigerator

Stainless steel exterior and interior, reinforced stainless steel work top with drip guard marine edge and stainless steel case back.



Options and Accessories

(upcharge and lead times may apply)

Flat top in lieu of marine edge	Integral heat shield top
16 gauge stainless steel top (flat or marine)	Cylinder locks
Condensing unit on left (standard on right)	Top extensions (flat or marine edge)
Special electrical requirements (consult factory)	

Consult factory for other model configurations, options and accessories.

Continental
Refrigerator



Project Name:

Model Specified:

Location:

Item No:

Quantity:

AIA #:

SIS #:

Standard Model Features

REFRIGERATION SYSTEM

Performance rated refrigeration system

Natural, environmentally safe, high efficiency R-290 refrigerant¹

Automatic, hot gas condensate evaporator

Non-corrosive, plasticized fin evaporator coil

Expansion valve system

Easily serviceable, front slide outcondensing unit

CABINET ARCHITECTURE

High density, non-CFC polyurethane foamed-in-place insulation

Easy glide, fully extendable drawers designed to hold 6" deep pans side-by-side

Smooth, polished chrome drawer handles

One-piece, snap in magnetic Santoprene™ drawer gaskets

Heavy duty drawer track with built in drawer safety clips

Drawers designed to hold 250 lb. capacity

(4) drawer pan divider bars*

4" casters on support plates

* Pans supplied by others

MODEL FEATURES

Electronic control, off-cycle defrost

Front breathing

¹ R-290 refrigerant meets all federal and state regulatory requirements.

APPROVAL:

Model Specifications

DIMENSIONAL DATA

Net Capacity (cubic feet)	16.4 (464 l)
Width, Overall (inches)	72 (1829 mm)
Depth, Overall (inches) (including handles)	35 5/16 (897 mm)
Height, Overall (inches) (including 4" casters)	26 3/8 (670 mm)
Number of Drawers	4

REFRIGERANT DATA

Condensing Unit Size (H.P.)	1/4
R-290 Refrigerant Charge (oz)	4.3
Capacity (BTU per hour)*	1930

ELECTRICAL DATA

Voltage (International)	115/60/1 (220/50/1)
Feed Wires (including ground)	3
Total Amps (International)	3.6 (1.8)
10 ft. Cord/Plug [attached] (International)	Yes (No)

SHIPPING DATA

Weight (pounds)	550 (249 kg)
Height - Crated (inches)	30 (762 mm)
Width - Crated (inches)	90 (2286 mm)
Depth - Crated (inches)	39 (991 mm)

DRAWER PAN DIVIDERS (supplied with model)

CM2-0682 (smaller drawers)	2 (one per drawer)
CM2-0764 (larger drawers)	2 (one per drawer)

See drawer pan configurations on right (**pans not supplied**). For other drawer pan configurations, consult factory.

TOP WEIGHT CAPACITY

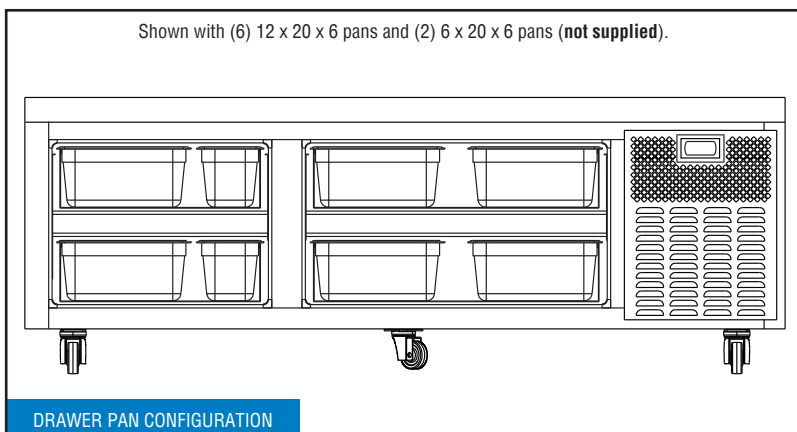
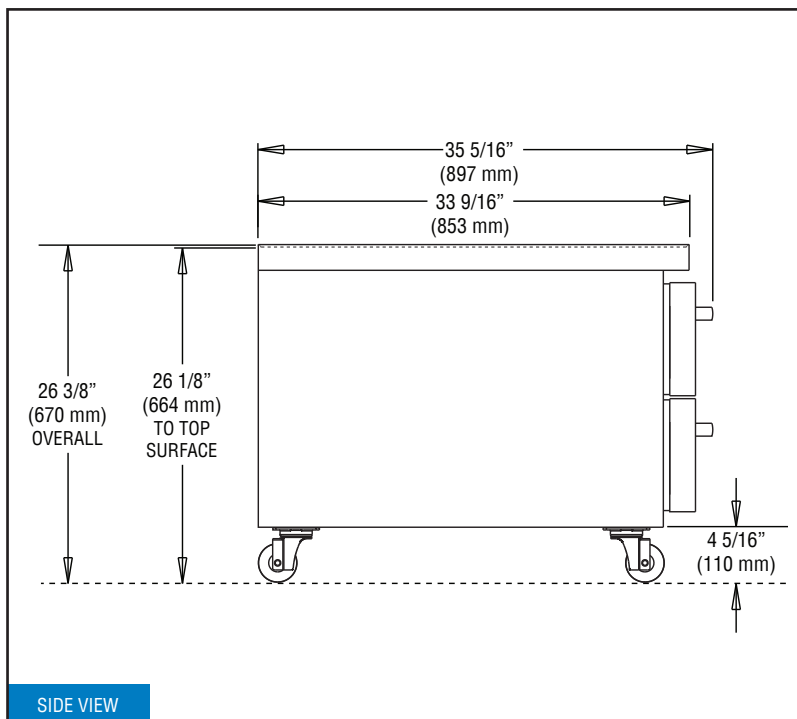
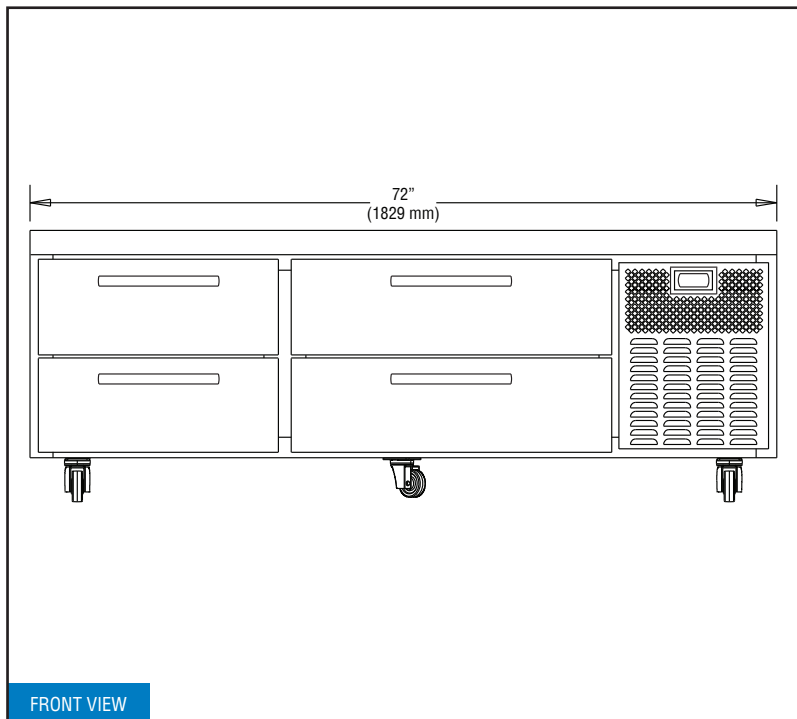
Max. Top Weight Capacity (pounds)	1200 (544 kg)
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* Rating @ +25°F evaporator, 90°F ambient
Figures in parentheses reflect metric equivalents rounded to the nearest whole unit.



Equipped with one NEMA-5-15P Plug
(varies by country)

Model Plan Views



Continental
Refrigerator

Toll-Free: 800-523-7138
Phone: 215-244-1400
Fax: 215-244-9579

539 Dunksferry Road
Bensalem, PA 19020
www.continentalrefrigerator.com

Due to our continued efforts in developing innovative products, specifications subject to change without notice.



PROUDLY
DESIGNED & ASSEMBLED
IN THE U.S.A.

Project: _____ Location: _____ Item #: _____ Quantity: _____

Short Specification

Griddle shall be an ENERGY STAR compliant gas-heated unit, with a hermetically sealed vacuum chamber that produces steam that heats the 7-gauge stainless steel griddle plate. Efficient steam heat transfer provides 200–400°F (93–204°C) operating temperature range and uniform griddle surface temperatures of ±5°F (±3°C). Griddle fabricated from cold-rolled stainless steel with 4" high back splash, sides that taper from 4" to 1 5/16", a 3 7/8" wide by 1/2" deep full front grease trough and 5- 6 1/2 quart grease drawer. Unit to be ANSI Z83.11 Design Certified, UL EPH Sanitation Certified (NSF/ANSI 4) and manufactured in the USA.

Construction Features

- Cold-rolled and annealed stainless steel griddle plate with polished stainless steel body
- 7 gauge griddle plate with 4" high rear splash and 4" to 1 5/16" tapered side walls
- 3 7/8" wide by 1/2" deep full front grease trough
- 1 1/2 x 3 1/2" drop chute to 5 [24"], 6 1/2 [36", 48"] quart capacity grease pan
- 4" legs with bullet feet
- Control guard
- 5' 120v power cord supplied

Performance Features

- Hermetically-sealed steam chamber heats high efficiency griddle plate
- Infrared burners
- Steam transfers heat evenly to entire cooking surface with only ±5°F (±3°C) in temperature variation
- Rapid surface temperature recovery allows turning product to same spot
- Smooth cold-rolled stainless steel griddle surface speeds and simplifies cleaning

Standard Control Features

- Heating indicator light
- 200–400°F (93–204°C) digital thermostat
- Easy front service access to controls
- Control guard
- 3 preset temperatures capable
- Instant surface temperature readout
- Manager mode to lock out temperature controls
- Over temperature indicator light

Cooking Capacity & Applications

Effective Cooking Area

Depth	24" Wide	36" Wide	48" Wide
30"	717 sq. in.	1077 sq. in.	1437 sq. in.
24"	574 sq. in.	862 sq. in.	1150 sq. in.

Griddle Applications include:

- Pancakes, Eggs, Sausage, French Toast
- Burgers, Grilled Onions, Toasted Buns
- Grilled Cheese, Sandwiches
- Fried Potatoes, Fish, Chicken Breasts, Philly Steaks, Liver and MORE

Safety, Sanitation & Environmental



Options & Accessories

- "U" Channel for connecting 2 griddles
- Front mounted prep shelf—8" wide stainless steel
- Condiment Board
- Maritime Package (call for details)
- Correction Package (call for details)
- Chain Package (call for details)
- Heavy duty stainless steel stand with bottom shelf and 5" casters
- Propane available (call for details)

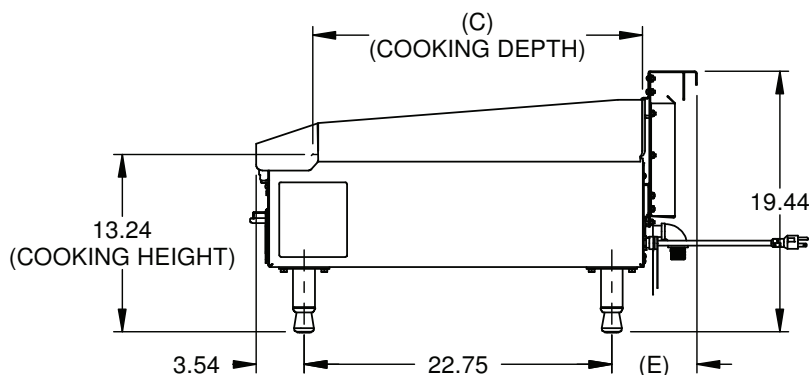
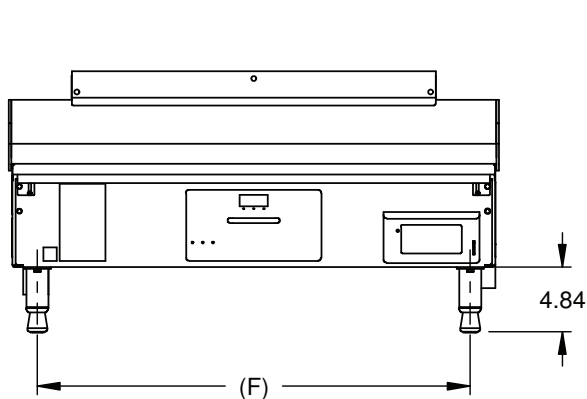
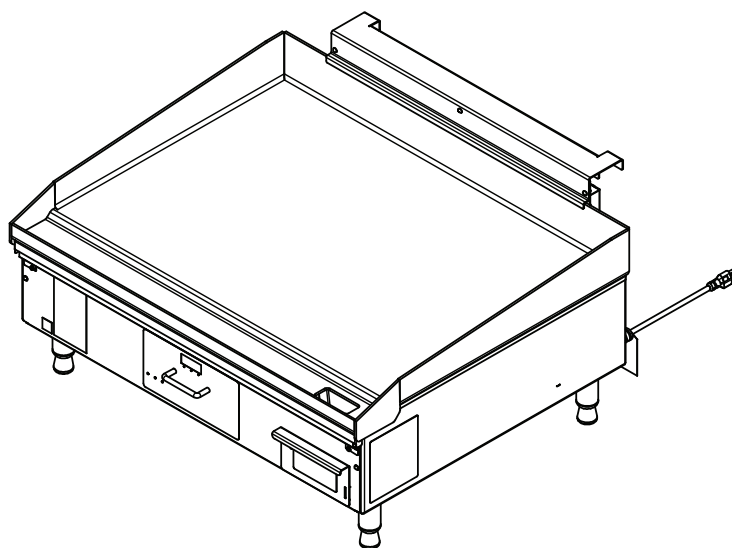
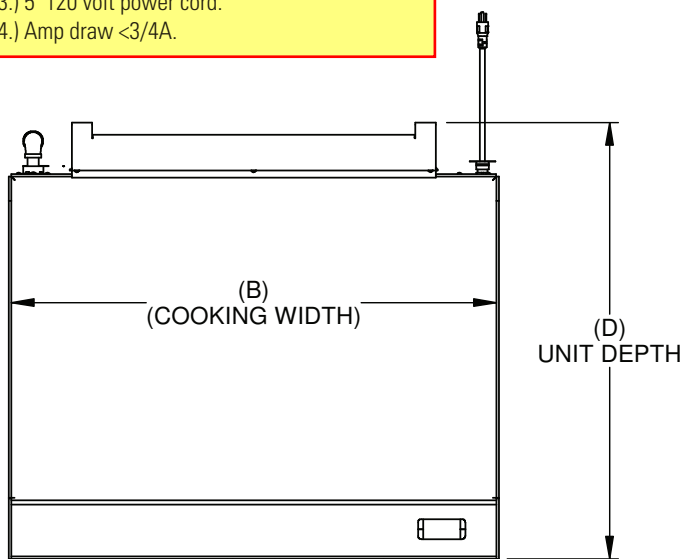


GGF-A36 Accusteam™
Tabletop Griddle shown

Accusteam Gas Griddle Specifications						
Model #	GGF1201A2450-T1	GGF1201B2450-T1	GGF1201A3650-T1	GGF1201B3650-T1	GGF1201A4850-T1	GGF1201B4850-T1
BTU Firing Rate per Hour	42,300	42,300	70,000	70,000	85,000	85,000
Unit Width (A)	24.25 [616]	24.25 [616]	36.25 [921]	36.25 [921]	48.25 [1226]	48.25 [1226]
Unit/Installation Depth (D)	38.3 [973]	32.3 [820]	38.3 [973]	32.3 [820]	38.3 [973]	32.3 [820]
Cooking Surface Width (B)	23.9 [607]	23.9 [607]	35.9 [912]	35.9 [912]	47.9 [1217]	47.9 [1217]
Cooking Surface Depth (C)	30 [762]	24 [610]	30 [762]	24 [610]	30 [762]	24 [610]
Rear Leg to outside of Flue (E)	12 [305]	6 [152]	12 [305]	6 [152]	12 [305]	6 [152]
Center Left to Right Leg (F)	20 [508]	20 [508]	32 [813]	32 [813]	44 [1118]	44 [1118]
Effective Cooking Area	717 sq. in.	574 sq. in.	1077 sq. in.	862 sq. in.	1437 sq. in.	1150 sq. in.
Grease Pan Capacity	5 qt	5 qt	6 ½ qt	6 ½ qt	6 ½ qt	6 ½ qt
NEMA Plug	5-15	5-15	5-15	5-15	5-15	5-15

Notes:

- 1.) Dimensions in brackets [] are metric.
- 2.) 3/4" NPT gas connection, 90° elbow provided.
- 3.) 5' 120 volt power cord.
- 4.) Amp draw <3/4A.



GARLAND®

Project _____
 Item _____
 Quantity _____
 CSI Section 11400
 Approved _____
 Date _____

HD Counter Series Heavy-Duty Gas Radiant Broilers w/Adjustable or Non-Adjustable Grates

Models

- GTBG24-AR24
- GTBG24-NR24
- GTBG72-NR72
- **GTBG36-AR36**
- GTBG36-NR36
- GTBG48-AR4
- GTBG48-NR48
- GTBG60-AR60
- GTBG60-NR60



Model GTBG24-AR24
 shown with optional Fajita Grate

Standard Features

- Stainless steel front, sides and back
- 4" stainless steel adjustable legs
- 3/4" NPT gas regulator on all 24" to 60" wide models with "T" gas manifold connection for straight through rear or flush-mount gas connections.
- 1" NPT gas regulator for GTBG72-NR72 model only. Has "T" gas manifold connection for straight through or nearly flush-mount gas connections.
- Stainless steel front rail; 4" (102mm) deep overall with 3 1/2" (89mm) top work surface
- Stainless steel large capacity crumb tray
- Reversible cast-iron broiler racks in 3" wide sections with 1/8" and 3/16" brand marks.
- 21-3/16" (538mm) broiling grid depth
- 2-position adjustable broiler grates or fixed-position non-adjustable grates
- One cast iron radiant over a 18,000 BTU stainless steel tube burner for every 6" of broiler width.
- One two position hi/lo valve control for each burner.

Options & Accessories

- Stainless steel skirt for dais/counter surface mounting. The stainless steel skirt will reduce overall unit height by 1 3/4" (44.45mm).
- Stainless steel spatter-guard
- Removable wire holding shelf for spatter guards available for 24" and 36" models
- Broiler grate cleaning tool
- Fajita broiling grate: 9" wide, replaces 3 standard grate sections on the left or right end of the broiler. Limit one per broiler.
- Stainless steel stand with solid top and holding shelves, and adjustable feet
- Stainless steel stand with solid top and holding shelves, and casters, (locking front)
- Set of reversible cast iron broiler racks with 4 brand marks per 3" section. Brand 3/16" wide.
- Removable stainless steel attachment condiment rail with universal 1/9 or 1/3 food pan cut outs (pans supplied by others)

Specifications

Garland gas radiant broilers are available with adjustable or non-adjustable cooking racks, in five nominal imperial widths from 24"(600mm) to 60"(1500mm), and with model GTBG72-NR72 only 72"(1800mm), 13" (330mm) high and 32" (814mm) deep.

Reversible cast-iron grates in 3" (76mm) wide sections.

Overall cooking area depth 21 3/16" (538 mm).

One 18,000 BTU burner with individual valve control per 6" of broiler width.

Large stainless steel catch tray, stainless steel front, sides, and back.



HD Counter Series Heavy-Duty Gas Radiant Broilers
 w/Adjustable or Non-Adjustable Grates

Garland Commercial Ranges Ltd.
 1177 Kamato Road,
 Mississauga, Ontario
 L4W 1X4 CANADA

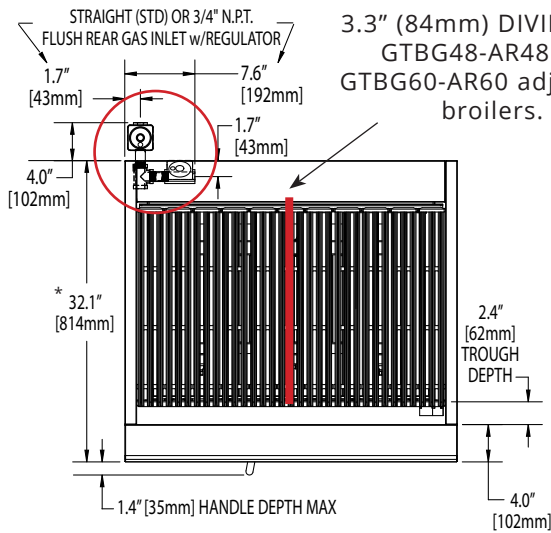
General Inquires 1-905-624-0260
 USA Sales, Parts and Service 1-800-424-2411
 Canadian Sales 1-888-442-7526
 Canada or USA Parts/Service 1-800-427-6668

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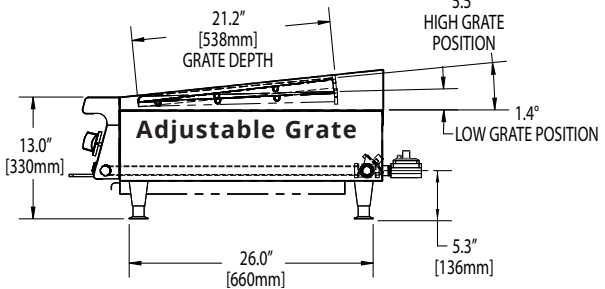
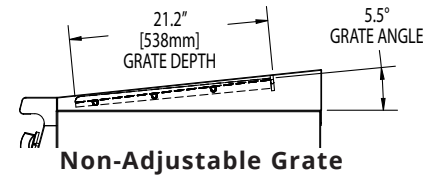
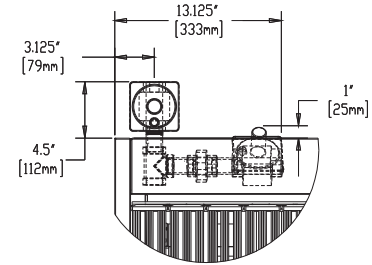
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HD Counter Series Heavy-Duty Gas Radiant Broilers w/Adjustable or Non-Adjustable Grates

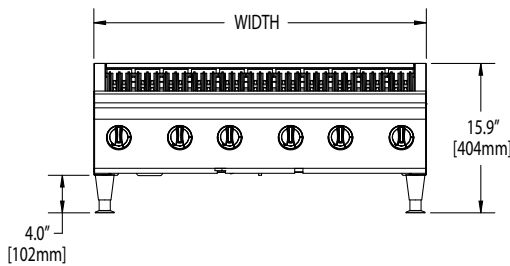


3.3" (84mm) DIVIDER ON GTBG48-AR48 and GTBG60-AR60 adjustable broilers.

Gas Connection Options For Model GTBG72-NR72 Straight (STD) Or Nearly Flush 1" N.P.T Rear Gas Inlet w/Regulator.



* Please add 7" (178mm) in overall depth with attachment condiment rail option.



For use with Natural or Propane gas only. Gas input ratings shown for installations up to 2000 ft. (610m), above sea level. Please specify altitudes over 2000 ft. and gas type when ordering.

Garland/U.S. Range products are not approved or authorized for home or residential use, but are intended for commercial applications only. Garland/U.S. Range will not provide service, warranty, maintenance or support of any kind other than in commercial applications.

Model #	Width In (mm)	Height (w/std legs)	Depth In (mm)	Total Input (BTU)	Shipping Information	
					Lbs/Kg	Cu Ft
With Adjustable Grates						
GTBG24-AR24	23-5/8 (600)	13 (330)	32 (814)	72,000	283/129	19
GTBG36-AR36	35-7/16 (900)			108,000	391/178	26
GTBG48-AR48	47-1/4 (1200)			144,000	514/283	34
GTBG60-AR60	59-1/16 (1500)			180,000	635/288	41
With Non-Adjustable Grates						
GTBG24-NR24	23-5/8 (600)	13 (330)	32 (814)	72,000	283/129	18
GTBG36-NR36	35-7/16 (900)			108,000	391/178	25
GTBG48-NR48	47-1/4 (1200)			144,000	514/283	33
GTBG60-NR60	59-1/16 (1500)			180,000	635/288	40
GTBG72-NR72	70-7/8(1800)			216,000	690/313	47

Supply Operating Pressure				Manifold Operating Pressure				Installation Clearances
Natural Gas		Propane		Natural Gas		Propane		
"WC	MBar	"WC	Mbar	"WC	MBar	"WC	Mbar	
7	17.5	11	27.5	4.5	11	10	24.5	Clearance: 0" For Installation In Non-Combustible Surroundings Only

*Cove mount cannot be placed over stand option.

Garland reserves the right to make changes to the design or specifications without prior notice.

Garland Commercial Ranges Ltd.
1177 Kamato Road,
Mississauga, Ontario
L4W 1X4 CANADA

General Inquires 1-905-624-0260
USA Sales, Parts and Service 1-800-424-2411
Canadian Sales 1-888-442-7526
Canada or USA Parts/Service 1-800-427-6668

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GARLAND®

Cuisine Series Heavy Duty Open Burner Top Range

Project _____
 Item _____
 Quantity _____
 CSI Section 11400
 Approved _____
 Date _____

Models

- C36-7R
- C36-7C
- C36-7S
- C36-7M



Model C36-7R
 Range with
 Four 18" Open
 Burners

Standard Features

- 40,000 BTU/h (NG) Garland Starfire open top burners
- One-piece cast iron grates and bowls over each open top burner
- Stainless steel front and sides
- Stainless steel front rail
- Stainless steel burner box
- 1-1/4" NPT front gas manifold
- Can be installed individually or in a battery
- 7" (178mm) high stainless steel stub back
- 6" (152mm) stainless steel adj. legs
- Porcelain oven interior
- R model - 4 rack positions
- C model - 3 rack positions
- R model - 1 chrome plated rack
- C model - 3 chrome plated racks
- Fully insulated oven interior
- Safety oven pilot
- Oven thermostat control: 150°-500°F (66°- 260°C) (R/C)
- Range base convection oven (C) c/w NEMA 5-15P cord & plug, 1/3 hp motor, 120V 60Hz, 0.6A
- Modular unit (M) can be mounted on Polar Cuisine refrigerated base

Options & Accessories

- Stainless steel oven interior in lieu of porcelain oven interior - NC
- Single or double deck high shelf or back riser
- Full-height stand for modular base with legs or casters
- Stainless steel intermediate shelf for cabinet base
- Stainless steel door(s) for cabinet base units
- Stainless steel back
- Continuous plate rail, 48-72" for battery installations
- Gas shut-off valves: 3/4", 1", 1 1/4" NPT (Specify)
- Gas regulator: 3/4", 1", 1 1/4" NPT (Specify)
- Gas flex hose w/ quick disconnect: 3/4", 1", 1 1/4" NPT (Specify)
- Rear gas connection: 3/4", 1", 1 1/4" NPT (Specify)
- Set of (4) flanged feet (for fastening unit to the floor)
- Set of (4) 5" polyurethane non-marking swivel casters w/front brakes
- Set of (4) 6" swivel casters, w/front brakes
- Extra oven rack
- Extension for 1/9 pans

Specifications

Garland Cuisine 36" (914mm) wide Heavy Duty Range Series. Model _____ with total BTU/h rating of _____ when used with natural/propane gas. Stainless steel front and sides. 6" (152mm) legs with adjustable feet.

Ovens - One piece oven door. Stainless steel oven interior with a heavy-duty, "keep-cool" door handle. Standard oven comes with a thermostat with a temperature range from 150° (low) to 500°F (66°- 260°C).

Open Burners - 40,000 BTU/h per burner and a one piece grate and bowl for each burner.

NOTE: Range-based convection oven models can be located in the middle of a battery, banked back-to-back with other equipment, and can be positioned against a wall

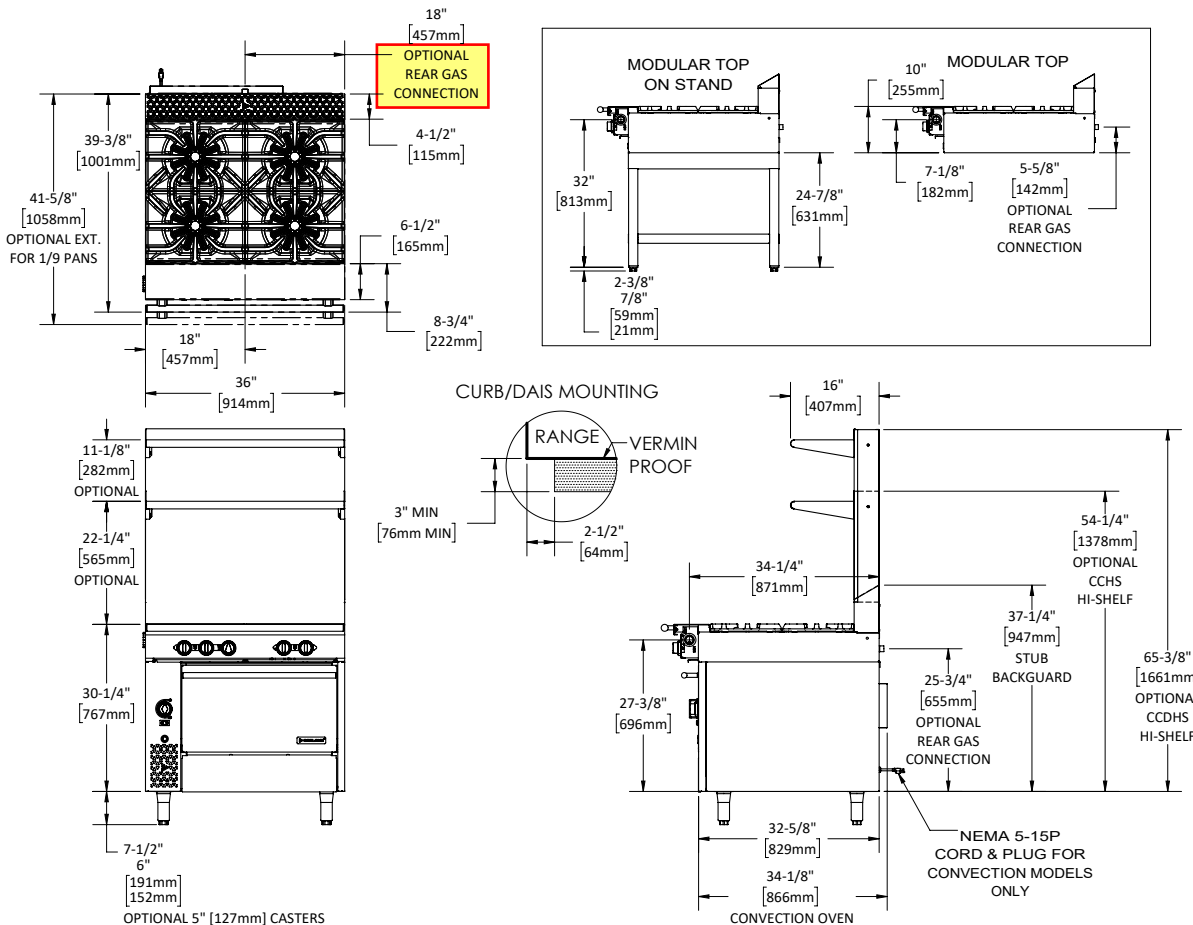
NOTE: Ranges supplied with casters must be installed with an approved restraining device.



Cuisine Series Heavy Duty Open Burner Top Range

GARLAND®

Cuisine Series Heavy Duty Open Burner Top Range



Model #	Description	Total BTU/h NAT. Gas	Total BTU/h Propane	Shipping	
				Cu Ft	lbs/kg
C36-7R	Four (4) Open Burners - Standard Oven	200,000	187,000	53	556/252
C36-7C*	Four (4) Open Burners - Convection Oven	197,000	187,000	53	556/252
C36-7S	Four (4) Open Burners - Storage Base	160,000	152,000	53	344/156
C36-7M	Four (4) Open Burners - Modular Top	160,000	152,000	30	328/149

*1/3 hp motor 120V 60 Hz 0.6A c/w NEMA 5-15P cord & plug.

Combustible Wall Clearance	
Sides	Back
10" (254mm)	6" (152mm)

Individual Burner Ratings (BTU/h)					
Burner	NAT.	PRO.	Burner	NAT.	PRO.
Open Top	40,000	38,000	Std. Oven	40,000	35,000
			Conv. Oven	37,000	35,000

Interior Dimensions: In (mm)			
Product	Height	Width	Depth
Standard Oven	13-1/2 (343)	26-1/4 (667)	29 (737)
Convection Oven	13-1/2 (343)	26-1/4 (667)	25 (635)
Cabinet Base	20-1/2 (521)	32-1/4 (819)	31 (787)

Gas Pressure	NAT.	PRO.
Minimum Supply	7" WC	11" WC
Manifold Operating Pressure	6" WC	10" WC
Gas Manifold 1-1/4" NP		

Garland reserves the right to make changes to the design or specifications without prior notice.

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General Inquires 1-905-624-0260
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Project _____
 Item _____
 Quantity _____
 FCSI section _____
 Approval _____
 Date _____

Combi oven

Convotherm maxx pro
 easyDial

- 6.20
- 7 slide rails
- Gas
- Boiler
- Right-hinged door



Key Features

- Advanced Closed System+ (ACS+) cooking methods: Steam, combi-steam, hot air
- Advanced Closed System+ (ACS+) with extra functions:
 - Crisp&Tasty - 5 moisture-removal settings
 - BakePro - 5 levels of traditional baking
 - HumidityPro - 5 humidity settings
 - Controllable fan - 5 speed settings
- easyDial: all functions are set in one operating level
- Cleaning Management - ConvoClean: Fully automatic cleaning system, optional single-dose dispensing
- HygieneCare
- TriColor indicator ring - indicates the current operating status
- Steam generated by high-performance boiler outside the cooking chamber
- LED illumination for cooking chamber
- Triple-glazed right-hinged unit door

Standard features

- Cooking methods:
 - Steam (86-266°F) with guaranteed steam saturation
 - Combi-steam (86-482°F) with automatic humidity adjustment
 - Hot air (86-482°F) with optimized heat transfer
- easyDial user interface controls:
 - Convotherm-Dial (C-Dial) central control unit
 - Digital display
- Climate Management
 - Advanced Closed System+ (ACS+), HumidityPro, Crisp&Tasty
- Quality Management
 - Airflow Management, BakePro, multi-point core temperature probe
- Production Management
 - 99 cooking profiles each containing up to 9 steps
 - HACCP data storage
 - USB port
 - Rethermalization function - products are rethermalized at the highest level of quality
 - Preheat and cool down function

Standard features

- Cleaning Management - ConvoClean: Fully automatic cleaning system, optional single-dose dispensing
- HygieneCare:
 - Hygienic handles
- Design:
 - Triple-glazed right-hinged unit door with safety lock, sure-shut function, venting position, and LEDs for illuminating the cooking chamber
 - Steam generated by boiler
 - Adjustable feet with adjustment range between 4 inches and 5 inches
 - Multi-point core temperature probe
 - Integrated recoil hand shower

C4ED 6.20 GB-N





Options

Accessories

C4ED 6.20 GB-N

Convotherm maxx pro easyDial

- 6.20
- 7 slide rails
- Gas
- Boiler
- Right-hinged door



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- Steam generated by high-performance boiler outside the cooking chamber
- LED illumination for cooking chamber
- Triple-glazed right-hinged unit door

Options

- Triple-glazed disappearing door - more space and added safety (see page 3)
- Corrections package
- Ethernet port (LAN)
- Available in various voltages
- Sous-vide probe, external connection
- Core temperature probe, external connection (internal core probe standard)

Accessories

- ConvoLink - HACCP and cooking-profile management PC software
- Signal Tower
- Racks
- Banquet system (optionally as a package or individually): Plate rack, mobile shelf rack, transport trolley, thermal cover
- Stacking stands
- Equipment stands in various sizes and designs

Accessories and services by partners

- Cleaning chemicals for the fully automatic ConvoClean+ cleaning system (multiple-dose and single-dose dispensing)
- Water filtration and reverse osmosis systems and replacement filters
- Installation services available - details in AutoQuotes - availability may vary by region
- Cooking, baking, and roasting cookware

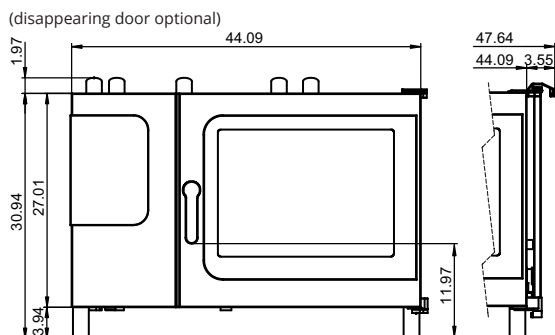


Dimensions

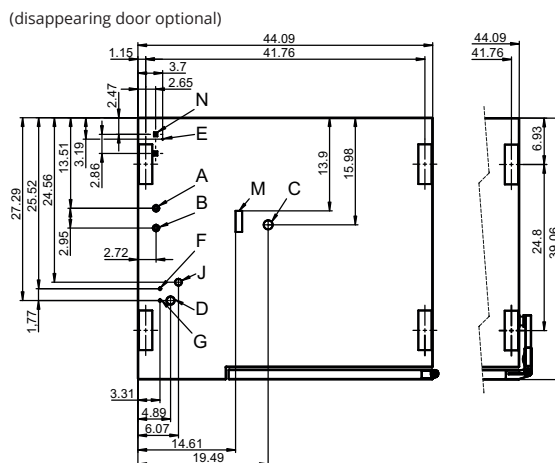
Weights

Views

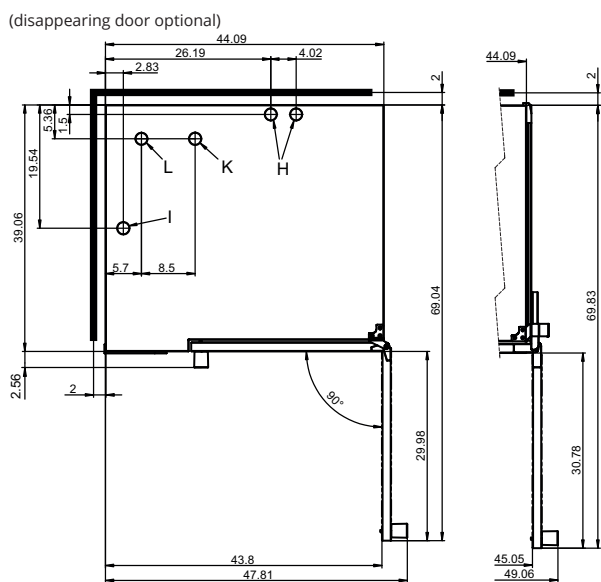
Front view



Connection points, bottom of unit



View from above with wall clearances



- A Water connection (for boiler)
- B Water connection (for cleaning, recoil hand shower)
- C Drain connection (2" inner diameter)
- D Electrical connection
- E Equipotential bonding
- F Rinse-aid connection
- G Cleaning-agent connection
- H Air vent (2" inner diameter)
- I Dry air intake (2" inner diameter)
- J Gas connection
- K Convection burner exhaust outlet (2" I.D.)
- L Boiler burner exhaust outlet (2" I.D.)
- M Safety overflow 3.2" x 1"
- N Ethernet connection RJ45 (optional)

Installation requirements

Clearance from heat sources	min. 20 "
Recommended clearance for servicing on the left side of the unit	min. 20 "

The combi oven must be easily accessible on three sides in order to ensure accessibility for cleaning. Alternatively, use a 6" foot, available upon request.

Dimensions and weights

Dimensions including packaging	
Width x height x depth	53.7" x 41.3" x 45.7"
Weight	
Net weight without options* / accessories	346 lbs
Packaging weight	77 lbs
Safety clearances**	
Rear	2 "
Right (right-hinged door)	2 "
Right (disappearing door pushed back)	5 "
Left (see installation requirements)	2 "
Top***	39"

* Max. weight of options: 33 lbs.

** Required for the unit to work properly.

*** Depends on the type of exhaust system and the ceiling's characteristics.

C4ED 6.20 GB-N



Capacity

Electrical specifications

Gas

C4ED 6.20 GB-N

Loading capacity

Max. number of food containers [Unit has 7slide rails; rail spacing 2.68" max.]	
Steam table pans (12"x20"x1")	14
Steam table pans (12"x20"x2.5")	14
Wire shelves, full size (20"x26")	7
Sheet pans, full size (18"x26")*	6
Sheet pans, half size (13"x18")*	12
Frying baskets, half size (12"x20")	14
Plates (optional plate rack)	27
Max. loading weight	
Per combi oven	132 lbs
Per shelf level	33 lbs

* Wire shelves required.

Electrical supply

120V 1PH 60Hz *	
Rated power consumption	0.6 kW
Rated current	7.5 A
Power supply wire gauge	14 AWG
Conductor insulation rating	194 °F / 90 °C

* Prepared for connection to an energy optimizing system.

Electrical supply must be connected to dedicated permanent supply line. Any Ground fault or residual current protection must be rated at least 20mA. Do not connect to residential GFI receptacles as they will cause nuisance trips of the device.

Gas specifications

Type of gas	Natural gas, propane
Gas connection	1/2" NPT
Flow pressure	
Natural gas	7" WC
Propane	11" WC
Heat output	For Natural gas, propane
Convection burner	68200 BTU/h
Boiler burner	61400 BTU/h

NOTICE: Only one burner comes on at a time.



Water Emissions

Water connection

Water supply	
Water supply	2 x 3/4" GHT-M garden hose adapter; Alternative, 2 hoses 1/2" inner diameter with one side 3/4" GHT-F to 3/4" BST. The unit is designed for a fixed connection to the water supply using a connecting hose with a minimum inner diameter of 1/2"
Flow pressure	22 - 87 psi / 1.5 - 6 bar
Drain	
Drain version	Naturally ventilated pipe to open pan or drain/channel
Type	2" inner diameter
Slope for drainpipe	min. 3.5% (2°)

Water quality

Water connection A* for boiler, Water connection B* for cleaning, recoil hand shower	
General requirements	Drinking water, typically untreated water
TDS	70 - 360 ppm
Hardness**	70 - 360 ppm (4 - 21 gpg)
pH value	6.5 - 8.5
Cl ⁻ (chloride)	max. 60 ppm
Cl ₂ (free chlorine)	max. 0.2 ppm
SO ₄ ²⁻ (sulfate)	max. 150 ppm
Fe (iron)	max. 0.1 ppm
SiO ₂ (silica)	max. 13 ppm
NH ₂ Cl (monochloramine)	max. 0.2 ppm
Temperature	max. 104°F / max. 40°C

* Please refer to the connection points diagram, p. 2.

** Even if the limits are adhered to, deposits of minerals that do not cause hardness may occur in certain cases. Any measures used to prevent this must be clarified with Technical Support.

NOTICE: The owner/operator/purchaser must ensure that the water quality requirements are met. Otherwise the unit warranty is void.

Water consumption

Water connections A, B	
Average consumption for cooking**	1.9 gph
Max. water throughput	4.0 gpm

** Incl. water required for cooling the wastewater.

NOTICE: See connection positions diagram, p. 2.

Emissions

Heat loss	
Latent	3100 BTU/h
Sensible	4800 BTU/h
Drain temperature	max. 140°F / 60°C
Decibel rating	max. 70 dBA

C4ED 6.20 GB-N



Accessories

ACCESSORIES

(For more detailed information, please refer to the Accessories brochure.)

Stacking kit

Combinations allowed	6.20 on 6.20
	6.20 on 10.20

If combining two gas units

Select the "stacking kit for Convotherm 4 gas units"

If combining one electrical unit and one gas unit in a stacking kit

Select the "stacking kit for Convotherm 4 electrical units" if:

Bottom combi oven EB/ES

Top combi oven GB/GS

Select the "stacking kit for Convotherm 4 gas units" if:

Bottom combi oven GB/GS

Top combi oven EB/ES

Equipment stand

Standard support surface height	26.38"
---------------------------------	--------



Combi oven

Project _____
 Item _____
 Quantity _____
 FCSI section _____
 Approval _____
 Date _____

Convotherm maxx pro easyTouch

- 10.20
- 11 slide rails
- Gas
- Boiler
- Right-hinged door



Key Features

- Advanced Closed System+ (ACS+) cooking methods: Steam, combi-steam, hot air
- Advanced Closed System+ (ACS+) with extra functions:
 - Crisp&Tasty - 5 moisture-removal settings
 - BakePro - 5 levels of traditional baking
 - HumidityPro - 5 humidity settings
 - Controllable fan - 5 speed settings
- easyTouch 10" TFT high-resolution glass touch display (capacitive)
- ConvoClean+ fully automatic cleaning system with eco, regular and express modes - with optional single-dose dispensing
- HygieniCare
- WiFi and Ethernet port (LAN)
- TriColor indicator ring - indicates the current operating status
- Steam generated by high-performance boiler outside the cooking chamber
- LED illumination for cooking chamber
- Triple-glazed right-hinged unit door

Standard features

- Cooking methods:
 - Steam (86-266°F) with guaranteed steam saturation
 - Combi-steam (86-482°F) with automatic humidity adjustment
 - Hot air (86-482°F) with optimized heat transfer
- easyTouch user interface controls:
 - 10" TFT high-resolution glass touch display (capacitive)
 - Smooth-action, quick-reacting scrolling function
- Climate Management
 - Advanced Closed System+ (ACS+), HumidityPro, Crisp&Tasty
- Quality Management
 - Airflow Management, BakePro, multi-point core temperature probe, preheat and cool-down function
- Production Management
 - Automatic cooking with Press&Go with up to 399 profiles
 - Integrated cookbook with 7 different categories
 - TrayTimer - load management for different products simultaneously
 - TrayView - load management for automatic cooking of different products using Press&Go
 - Favorites management
 - HACCP data storage
 - USB port
 - ecoCooking - energy saving function
 - LT cooking (low-temperature cooking) / Delta-T cooking
 - Cook&Hold - cooking and keeping food warm in a single process
 - Auto Start
 - Rethermalization+: versatile multi-mode rethermalization function

Standard features

- Cleaning Management:
 - ConvoClean+: Fully automatic cleaning system
 - Quick access to individually created and stored cleaning profiles
 - Cleaning Scheduler
- HygieniCare:
 - Hygienic Steam Function
 - Hygienic handles
 - SteamDisinfect
- Design:
 - Triple-glazed right-hinged unit door with safety lock, sure-shut function, venting position, and LEDs for illuminating the cooking chamber
 - Steam generated by boiler
 - Adjustable feet with adjustment range between 4 inches and 5 inches
 - Multi-point core temperature probe
 - Integrated recoil hand shower



C4ET 10.20 GB-N



Options

Accessories

C4ET 10.20 GB-N

Convotherm maxx pro easyTouch

- 10.20
- 11 slide rails
- Gas
- Boiler
- Right-hinged door



Key Features

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- ConvoClean+ fully automatic cleaning system with eco, regular and express modes - with optional single-dose dispensing
- HygieniCare
- WiFi and Ethernet port (LAN)
- TriColor indicator ring - indicates the current operating status
- Steam generated by high-performance boiler outside the cooking chamber
- LED illumination for cooking chamber
- Triple-glazed right-hinged unit door

Options

- Triple-glazed disappearing door - more space and added safety (see page 3)
- Quality Management:
 - ConvoSmoke - built in food-smoking (HotSmoke)
 - ConvoGrill with grease management function
- Steam and vapor removal - built-in condenser
- Corrections package
- Available in various voltages
- Sous-vide probe, external connection
- Core temperature probe, external connection (internal core probe standard)

Accessories

- KitchenConnect® (WiFi/LAN), network solution from Welbilt for updating and monitoring appliances from anywhere
- Signal Tower
- Racks
- Banquet system (optionally as a package or individually): Plate rack, mobile shelf rack, transport trolley, thermal cover
- Stacking stands
- Equipment stands in various sizes and designs

Accessories and services by partners

- Cleaning chemicals for the fully automatic ConvoClean+ cleaning system (multiple-dose and single-dose dispensing)
- Water filtration and reverse osmosis systems and replacement filters
- Installation services available - details in AutoQuotes - availability may vary by region
- Cooking, baking, and roasting cookware



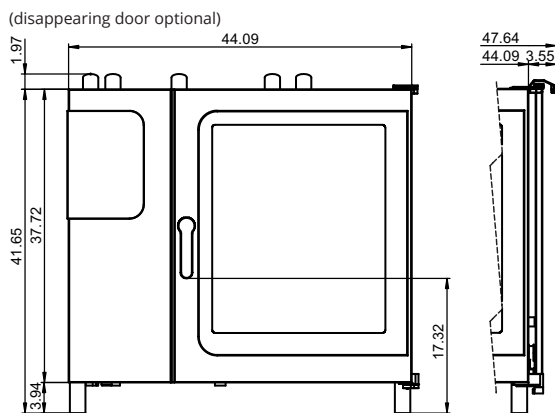
Dimensions

Weights

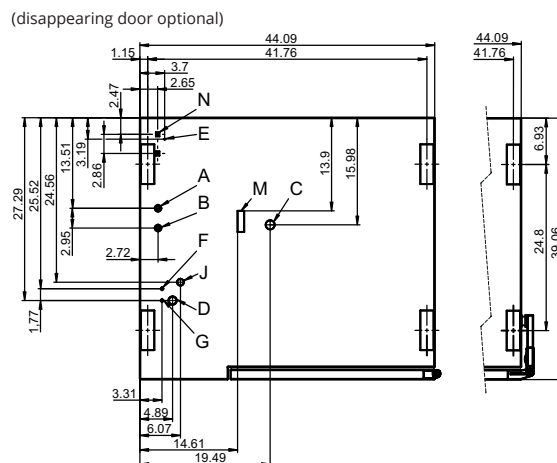
Views

C4ET 10.20 GB-N

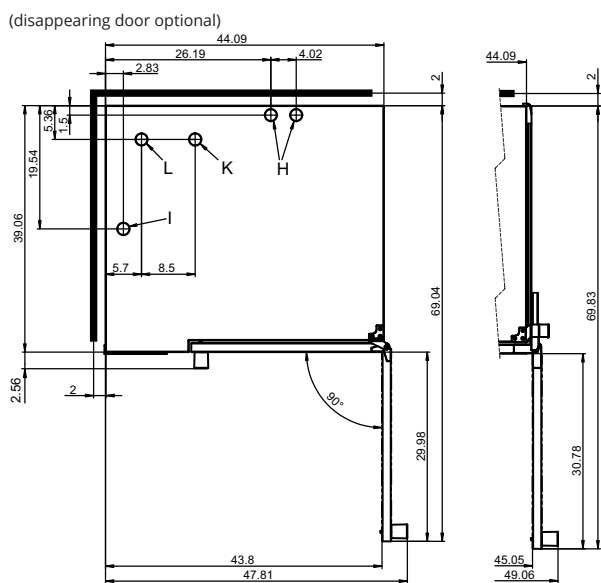
Front view



Connection points, bottom of unit



View from above with wall clearances



- A Water connection (for boiler)
- B Water connection (for cleaning, recoil hand shower)
- C Drain connection (2" I. D.)
- D Electrical connection
- E Equipotential bonding
- F Rinse-aid connection
- G Cleaning-agent connection
- H Air vent (2" I. D.)
- I Dry air intake (2" I. D.)
- J Gas connection
- K Convection burner exhaust outlet (2.37" I.D.)
- L Boiler burner exhaust outlet (2.36" I.D.)
- M Safety overflow 3.2" x 1"
- N Ethernet connection RJ45

Dimensions and weights

Dimensions including packaging	
Width x height x depth	53.7" x 52.0" x 45.7"
Weight	
Net weight without options* / accessories	461 lbs
Packaging weight	84 lbs
Safety clearances**	
Rear	2"
Right (right-hinged door)	2"
Right (disappearing door pushed back)	5"
Left (see installation requirements)	2"
Top***	39"

Installation requirements

Clearance from heat sources	min. 20"
Recommended clearance for servicing on the left side of the unit	min. 20"

The combi oven must be easily accessible on three sides in order to ensure accessibility for cleaning. Alternatively, use a 6" foot, available upon request.

* Max. weight of options: 33 lbs.

** Required for the unit to work properly.

*** Depends on the type of exhaust system and the ceiling's characteristics.



Capacity

Electrical specifications

Gas

C4ET 10.20 GB-N

Loading capacity

Max. number of food containers [Unit has 11 slide rails; rail spacing 2.68" max.]	
Steam table pans (12"x20"x1")	22
Steam table pans (12"x20"x2.5")	22
Wire shelves, full size (20"x26")	11
Sheet pans, full size (18"x26")*	10
Sheet pans, half size (13"x18")*	20
Frying baskets, half size (12"x20")	22
Plates (optional plate rack)	48
Max. loading weight	
Per combi oven	220 lbs
Per shelf level	33 lbs

* Wire shelves required.

Electrical supply

120V 1PH 60Hz *	
Rated power consumption	0.6 kW
Rated current	7.5 A
Power supply wire gauge	14 AWG
Conductor insulation rating	194 °F / 90 °C

* Prepared for connection to an energy optimizing system.

Electrical supply must be connected to dedicated permanent supply line. Any Ground fault or residual current protection must be rated at least 20mA. Do not connect to residential GFI receptacles as they will cause nuisance trips of the device.

Gas specifications

Type of gas	Natural gas, propane
Gas connection	3/4" NPT
Flow pressure	
Natural gas	7" WC
Propane	11" WC
Heat output	For Natural gas, propane
Convection burner	109200 BTU/h
Boiler burner	102000 BTU/h

NOTICE: Only one burner comes on at a time.



Water

Emissions

Water connection

Water supply	
Water supply	2 x 3/4" GHT-M garden hose adapter; Alternative, 2 hoses 1/2" inner diameter with one side 3/4" GHT-F to 3/4" BST. The unit is designed for a fixed connection to the water supply using a connecting hose with a minimum inner diameter of 1/2"
Flow pressure	22 - 87 psi / 1.5 - 6 bar
Drain	
Drain version	Naturally ventilated pipe to open pan or drain/channel
Type	2" inner diameter
Slope for drainpipe	min. 3.5% (2°)

Water quality

Water connection A* for boiler,
Water connection B* for cleaning, recoil hand shower

General requirements	Drinking water, typically untreated water
TDS	70 - 360 ppm
Hardness**	70 - 360 ppm (4 - 21 gpg)
pH value	6.5 - 8.5
Cl ⁻ (chloride)	max. 60 ppm
Cl ₂ (free chlorine)	max. 0.2 ppm
SO ₄ ²⁻ (sulfate)	max. 150 ppm
Fe (iron)	max. 0.1 ppm
SiO ₂ (silica)	max. 13 ppm
NH ₂ Cl (monochloramine)	max. 0.2 ppm
Temperature	max. 104°F / max. 40°C

* Please refer to the connection points diagram, p. 2.

** Even if the limits are adhered to, deposits of minerals that do not cause hardness may occur in certain cases. Any measures used to prevent this must be clarified with Technical Support.

NOTICE: The owner/operator/purchaser must ensure that the water quality requirements are met. Otherwise the unit warranty is void.

Water consumption

Water connections A, B	
Average consumption for cooking**	2.3 gph
Max. water throughput	4.0 gpm

** Incl. water required for cooling the wastewater.

NOTICE: See connection positions diagram, p. 2.

Emissions

Heat loss	
Latent	4400 BTU/h
Sensible	5800 BTU/h
Drain temperature	max. 140°F / 60°C
Decibel rating	max. 70 dBA

C4ET 10.20 GB-N



Accessories

ACCESSORIES

(For more detailed information, please refer to the Accessories brochure.)

Stacking kit

Combination allowed	6.20 on 10.20
---------------------	---------------

If combining two gas units

Select the "stacking kit for Convotherm 4 gas units"

If combining one electrical unit and one gas unit in a stacking kit

Select the "stacking kit for Convotherm 4 electrical units" if:

Bottom combi oven	EB/ES
-------------------	-------

Top combi oven	GB/GS
----------------	-------

Select the "stacking kit for Convotherm 4 gas units" if:

Bottom combi oven	GB/GS
-------------------	-------

Top combi oven	EB/ES
----------------	-------

Equipment stand

Standard support surface height	26.38"
---------------------------------	--------

DESIGNER LINE ROLL-IN REFRIGERATOR

Model: D1RIN-E

Natural Refrigerant R-290 Model

Designer Line

1-Section Extra-High Roll-In Refrigerator with 72" Cart Capacity



ENERGY STAR® Qualified Commercial Refrigerator

- D1RIN-E** - Stainless steel front, aluminum end panels and interior
D1RINSA-E - Stainless steel exterior, aluminum interior
D1RINSS-E - Stainless steel exterior and interior



Options and Accessories

(upcharge and lead times may apply)

Epoxy coated steel shelves	Special electrical req. (consult factory)
Chrome or stainless steel shelves	Correctional Facility Options
Rehinging of doors (consult factory)	<ul style="list-style-type: none"> One way security screws
Custom laminates	<ul style="list-style-type: none"> Locking hasp (lock not included)
Half doors	<ul style="list-style-type: none"> Stainless steel mesh cover
Stainless steel back	<ul style="list-style-type: none"> Coverless hinges

Consult factory for other model configurations, options and accessories.

Continental
Refrigerator



Project Name:

Model Specified:

Location:

Item No:

Quantity:

AIA #:

SIS #:

Standard Model Features

REFRIGERATION SYSTEM

Self contained, performance rated "plug" refrigeration system

Natural, environmentally safe, high efficiency R-290 refrigerant¹

Refrigeration system is readily accessible on top of cabinet, separate from the "food zone"

Automatic, hot gas condensate evaporator

Expansion valve system

CABINET ARCHITECTURE

3" non-CFC polyurethane foam insulation

Smooth, polished chrome workflow door handle

Cam action, lift off hinges

Magnetic snap in Santoprene™ door gasket

Cylinder lock in door

Self-closing door

72 1/2" high door opening (72"H rack capacity*)

MODEL FEATURES

Electronic control, off cycle defrost

LED interior lighting

Top and side air distribution ducts

Cabinet upper side panels and refrigeration "plug" system can be removed and reinstalled at job site

Removable stainless steel rack guides

Removable stainless steel ramp

Reinforced stainless steel floor

* Rack not supplied

IMPORTANT NOTE: ¹ R-290 refrigerant meets all federal and state regulatory requirements.

APPROVAL:

Model Specifications

DIMENSIONAL DATA

Net Capacity (cubic feet)	34 (963 cu l)
Width, Overall (inches)	35 1/4 (895 mm)
Depth, Overall (inches) (including handle)	35 3/8 (899 mm)
Depth (inches) (less door)	32 (813 mm)
Depth (inches) (door open 90°)	65 (1651 mm)
Clear Door Width (inches)	27 3/8 (695 mm)
Clear Full Door Height (inches)	72 1/2 (1842 mm)
Height, Overall (inches)	92 (2337 mm)
Number of Doors	1
Rack Capacity**	1

REFRIGERANT DATA

Condensing Unit Size (H.P.)	1/3+
Capacity (BTU per hour)*	2560

ELECTRICAL DATA

Voltage (International)	115/60/1 (220/50/1)
Feed Wires (including ground)	3
Total Amps (International)	6.3 (4.1)
10 ft. Cord/Plug [attached] (International)	Yes (No)

SHIPPING DATA

Height - Crated (inches)	97 (2464 mm)
Width - Crated (inches)	43 (1092 mm)
Depth - Crated (inches)	42 (1067 mm)
Volume - Crated (cubic feet)	98 (2489 cu l)
Weight Std - Crated (pounds)	455 (206 kg)
Weight SS - Crated (pounds)	580 (263 kg)

* Rating @ +25°F evaporator, 90°F ambient

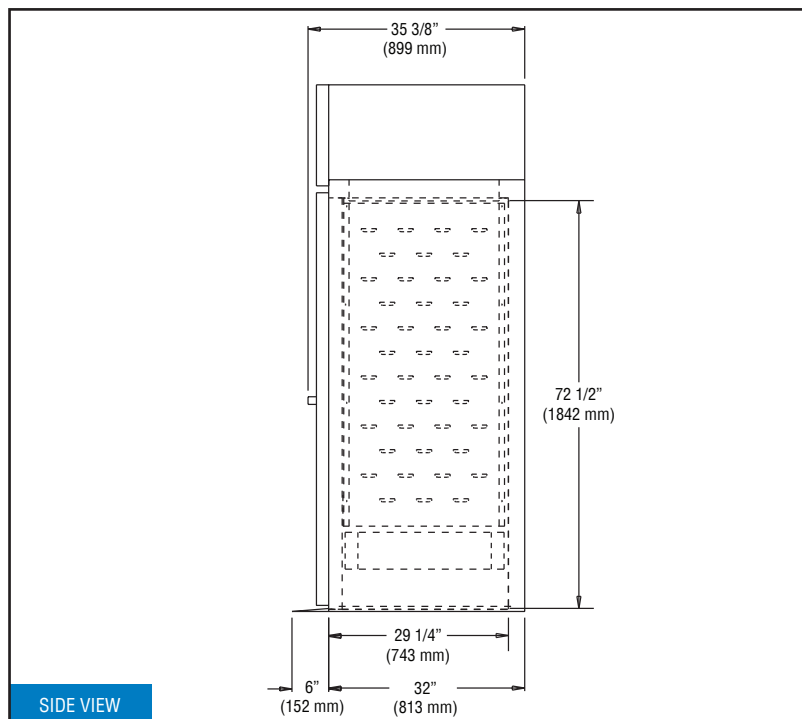
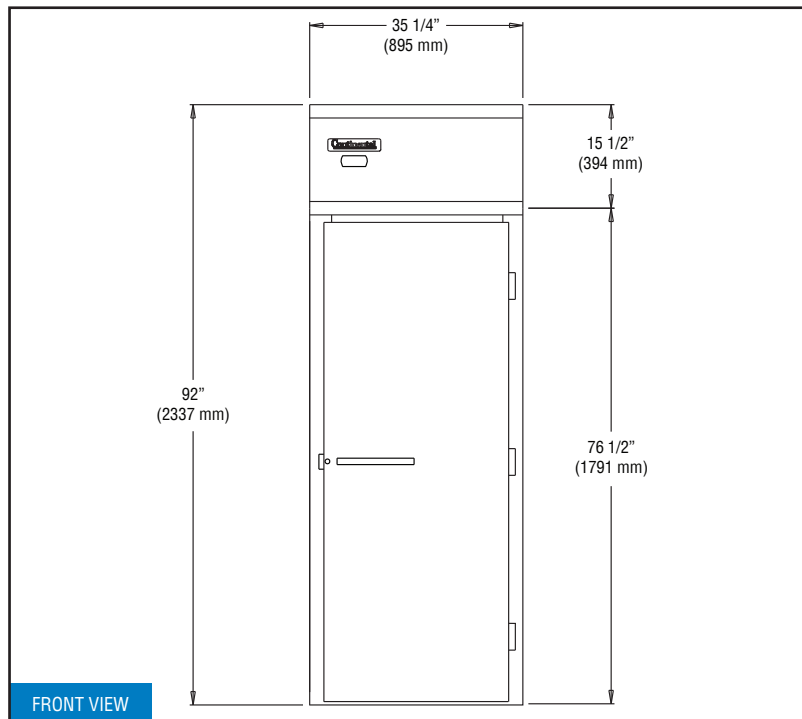
** Maximum rack size including wheels - 27"W x 29"D x 72"H

Figures in parentheses reflect metric equivalents rounded to the nearest whole unit.



Equipped with one NEMA-5-15P Plug
(varies by country)

Model Plan Views



IMPORTANT NOTE: If the cabinet is located directly against a wall and/or under a low ceiling, a minimum clearance of 12" is required on top and 3" on sides and rear.

Continental
Refrigerator

Toll-Free: 800-523-7138
Phone: 215-244-1400
Fax: 215-244-9579

539 Dunksferry Road
Bensalem, PA 19020
www.continentalrefrigerator.com

Due to our continued efforts in developing innovative products, specifications subject to change without notice.



PROUDLY
DESIGNED & ASSEMBLED
IN THE U.S.A.

Intertek

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A Division of National Refrigeration & Air Conditioning Products, Inc.

REVISED: 5/04/2024

Description: Exhaust Hood

Notes: Exhaust Hood

Description: Ansul Remote Fire Pull Station

Notes: Ansul Remote Fire Pull Station

GARLAND®

Master Gas Convection Oven easyTouch® Control

Project _____
 Item _____
 Quantity _____
 CSI Section 11400
 Approved _____
 Date _____

Models

- MCO-GS-10M
- **MCO-GS-20M**
- MCO-GD-10M
- MCO-GD-20M



Model MCO-GS-10M

Standard Features

- EasyTouch® screen design with simple on/off switch and intuitive Press and Go interface
- Master 4.3" Controller with 150°F (66°C) to 500° (260°C) temperature range
- Cook'n'Hold
- Direct spark with 100% safety shut off
- 2-speed fan control (high & low) with .6
- HP fan motor
- Total of 60,000 BTU (17.6 kW) loading per oven cavity
- Natural or propane gas
- Stainless steel front, sides, top, and legs
- 60/40 dependent door design with double pane thermal window in both doors and interior lighting
- Full Length, stainless steel positive door closure
- Patented "Safety Door System"
- Porcelain enameled oven interior with coved corners
- 24" cooking cavity height w/6 chrome-plated oven racks on 13-position rack guides
- Double deck models available, suffix -20M
- Deep depth models available, prefix MCO-GD

Warranty

- 2-year limited part & 1 year labor warranty (USA & Canada only)
- 2-year limited part & labor warranty (USA Kindergarten to grade 12 schools only)
- 5 year limited door warranty, excluding window (USA & Canada only)

Options & Accessories

- 80,000 BTU (23.4kW) burner package (natural gas)
- Stainless steel solid door or doors (specify) – No Charge
- Removable stainless steel drip pan
- Deck Fasteners
- Extra oven racks
- Swivel casters, (4) w/front brakes
- **4 Low profile casters, w/front brakes (double ovens only)**
- Stainless steel open base with rack guides and shelf
- Direct connect vent
- Back enclosure (stainless steel)
- **3/4" gas flex hose & quick disconnect**
- 208 or 240 volt, single phase motor (please specify)
- 50 cycle components
- Maximum security package available, contact factory for details

Specifications

Garland Master Full-Size Standard Depth, prefix MCO-GS or Deep Depth, prefix MCO-GD, gas convection oven.

60,000 BTU (17.6 kW)/cavity, .6 HP fan motor with two speed fan control. Electronic spark ignition. Natural or propane gas.

EasyTouch™ screen.

Porcelain enameled oven interior with coved corners, Six (6) oven racks and 13-position rack guides.

All model interiors are 29" (736mm) W by 24" (610mm) H, depth is 24" (610mm) for standard depth and 28" (711mm) for deep depth.

Stainless steel front, sides, top, and legs.

60/40 dependent door design with double

pane thermal window in both doors and interior lighting.

Models with suffix -20M are double deck units. Specify voltage if other than 115 volt, 60 Hz, 1 phase.

UL, CUL Gas-Fired and NSF Listed.



Master Gas Convection Oven / easyTouch® Control

Garland Commercial Ranges Ltd.
 1177 Kamato Road,
 Mississauga, Ontario
 L4W 1X4 CANADA

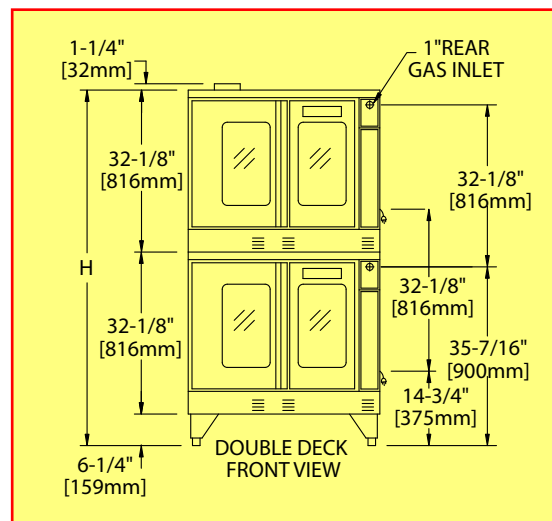
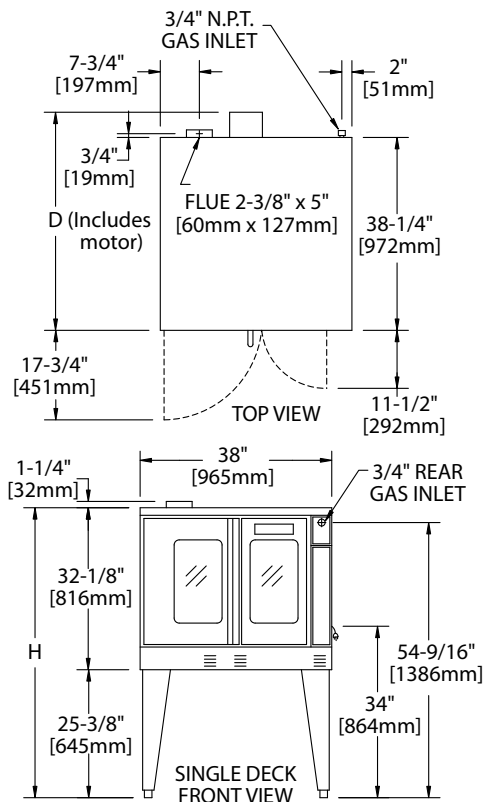
General Inquires 1-905-624-0260
 USA Sales, Parts and Service 1-800-424-2411
 Canadian Sales 1-888-442-7526
 Canada or USA Parts/Service 1-800-427-6668

www.garland-group.com
 7819B
 08/24



GARLAND®

Master Gas Convection Oven / easyTouch® Control



INSTALLATION NOTE:

Combustible Wall Clearances:

Sides: 1" (25mm) Back: 3" (76mm)

***Note:** Installations beside units with high heat sources it is recommended to leave 6" (152mm) on the right side of oven. Refer to the installation manual for more details.

Combustible Wall Clearances:

Crated: 47" (1194mm) Uncrated: 32 1/2" (826mm)

Manifold Operating Pressure:

Natural: 4.5" WC (11 mbar) Propane: 10" WC (25 mbar) Max 13.8" WC @ 70°F

Note: Data applies only to North America

PLEASE NOTE:

Standard electrical specifications include motor requirements. (120V units) 115V, .6 HP, 2-speed motor; 1140 and 1725 rpm, 60Hz. (240V units) 200-240V, .6 HP, 2-speed motor; 1140 and 1725 rpm, 60 Hz. A 6 ft. line cord is provided for each 120V deck with a (NEMA #5-15P) plug.

Gas Input Ratings shown here are for installations up to 2,000 ft. (610m) above sea level. Specify altitudes over 2,000 ft. Please specify gas type when ordering.

SINGLE-DECK MODELS	INT. DIMENSIONS: In mm			EXT. DIMENSIONS: In mm			SHIP WT.	SHIP DIM.
	W	H	D	W	H *	D	lbs/kg	cubic Ft.
Standard Depth	29 (736)	24 (610)	24 (610)	38 (965)	57-1/2 (1461)	41-1/4(1048)	515/230	64
Deep Depth	29 (736)	24 (610)	28 (711)	38 (965)	57-1/2 (1461)	44-1/2(1130)	545/245	64

DOUBLE-DECK MODELS	INT. DIMENSIONS: In mm			EXT. DIMENSIONS In mm			SHIP WT.	SHIP DIM.
	W	H	D	W	H *	D	2@lbs/kg	Cubic Ft.
Standard Depth	29 (736)	24 (610)	24 (610)	38 (965)	70-1/2 (1791)	41-1/4(1048)	1030/465	128
Deep Depth	29 (736)	24 (610)	28 (711)	38 (965)	70-1/2 (1791)	44-1/2(1130)	1090/490	128

*Height with or without standard casters. Height with low profile casters (double deck) is 68-1/2" (1740mm).

MODELS	INPUT RATINGS, NAT & PRO			ELECTRICAL SPECIFICATIONS	
	BTU/hr	kW Eqiv.	Gas inlet	120V/1Ph.	240V/1Ph.
Single Deck	60,000	17.6	(1)@3/4" NPT	(1)@9.8A	(1)@5.2A
Double Deck	120,000	35.2	(1)@1" NPT	(2)@9.8A	(2)@5.2A

Garland reserves the right to make changes to the design or specifications without prior notice.

Garland Commercial Ranges Ltd.
 1177 Kamato Road,
 Mississauga, Ontario
 L4W 1X4 CANADA

General Inquires 1-905-624-0260
 USA Sales, Parts and Service 1-800-424-2411
 Canadian Sales 1-888-442-7526
 Canada or USA Parts/Service 1-800-427-6668

www.garland-group.com
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Item #: _____

Product Name: Shelves, Backs and Options

Specification:

Shall be U.S. Range Cuisine Accessory, Model _____

**Models Available**

Model Number	Description
--------------	-------------

Single Deck High Shelf: Stainless Steel (12" to 72" Wide)

CCHS-12	12" (305mm) Wide - Add-A-Unit & Spreader
CCHS-18	18" (457mm) Wide - Add-A-Unit & Spreader
CCHS-24	24" (610mm) Wide - Add-A-Unit & Spreader
CCHS-36	36" (914mm) Wide - Add-A-Unit & Spreader
CCHS-36SU	36" (914mm) Wide Open Burner Step-Up Unit
CCHS-48	48" (1219mm) Wide - Add-A-Unit & Spreader or Range
CCHS-54	54" (1372mm) Wide - Add-A-Unit & Spreader or Range
CCHS-60	60" (1524mm) Wide - Add-A-Unit & Spreader or Range
CCHS-72	72" (1829mm) Wide - Add-A-Unit & Spreader or Range
CCHS-72SU	72" (1829mm) Wide (Two Baked Open Burner Step-Up Units)

Double Deck High Shelf: Stainless Steel (12" to 72" Wide)

CCDHS-12	12" (305mm) Wide - Add-A-Unit & Spreader
CCDHS-18	18" (457mm) Wide - Add-A-Unit & Spreader
CCDHS-24	24" (610mm) Wide - Add-A-Unit & Spreader
CCDHS-36	36" (914mm) Wide - Add-A-Unit & Spreader
CCDHS-36SU	36" (914mm) Wide Open Burner Step-Up Unit
CCDHS-48	48" (1219mm) Wide - Range & Spreader
CCDHS-54	54" (1372mm) Wide - Range & Spreader
CCDHS-60	60" (1524mm) Wide - Range & Spreader
CCDHS-72	72" (1829mm) Wide - Range & Spreader
CCDHS-72SU	72" (1829mm) Wide (Two Baked Open Burner Step-Up Units)

Back Riser or High Stub Back: Stainless Steel (24" high to match Cuisine single deck high shelf)

CCBR-12	12" (305mm) Wide - Add-A-Unit & Spreader
CCBR-18	18" (457mm) Wide - Add-A-Unit & Spreader
CCBR-24	24" (610mm) Wide - Add-A-Unit & Spreader
CCBR-24NBROIL	24" (610mm) Wide - Non-Adjust Under-Fired Broilers
CCBR-24ABROIL	24" (610mm) Wide - Adjustable Under-Fired Broilers
CCBR-36	36" (914mm) Wide - Add-A-Unit & Spreader
CCBR-36NBROIL	36" (914mm) Wide - Non-Adjust Under-Fired Broilers
CCBR-36ABROIL	36" (914mm) Wide - Adjustable Under-Fired Broilers
CCBR-36SU	36" (914mm) Wide Open Burner Step-Up Unit
CCBR-48	48" (1219mm) Wide - Range & Spreader
CCBR-54	54" (1372mm) Wide - Range & Spreader
CCBR-60	60" (1524mm) Wide - Range & Spreader
CCBR-72	72" (1829mm) Wide - Range & Spreader
CCBR-72SU	72" (1829mm) Wide (Two Baked Open Burner Step-Up Units)

Garland Commercial Ranges Ltd
 1177 Kamato Road,
 Mississauga, Ontario
 L4W 1X4 CANADA
 Phone: 905-624-0260
 Fax: 905-624-5669





Item #: _____

Product Name: Shelves, Backs and Options

Models Available

Model Number	Description
--------------	-------------

Double Deck Back Riser: Stainless Steel (to match Cuisine double deck high shelf)

CCDBR-12	12" (305mm) Wide - Add-A-Unit & Spreader
CCDBR-18	18" (457mm) Wide - Add-A-Unit & Spreader
CCDBR-24	24" (610mm) Wide - Add-A-Unit & Spreader
CCDBR-18NBROIL	18" (457mm) Wide - Non-Adjust Under-Fired Broilers
CCDBR-24NBROIL	24" (610mm) Wide - Non-Adjust Under-Fired Broilers
CCDBR-24ABROIL	24" (610mm) Wide - Adjustable Under-Fired Broilers
CCDBR-36	36" (914mm) Wide - Add-A-Unit & Spreader
CCDBR-36NBROIL	36" (914mm) Wide - Non-Adjust Under-Fired Broilers
CCDBR-36ABROIL	36" (914mm) Wide - Adjustable Under-Fired Broilers
CCDBR-36SU	36" (914mm) Wide Open Burner Step-Up Unit
CCDBR-48	48" (1219mm) Wide - Range & Spreader
CCDBR-54	54" (1372mm) Wide - Range & Spreader
CCDBR-60	60" (1524mm) Wide - Range & Spreader
CCDBR-72	72" (1829mm) Wide - Range & Spreader
CCDBR-72SU	72" (1829mm) Wide (Two Baked Open Burner Step-Up Units)

Stub Backguard (Stainless Steel 12" to 72" Wide, 6" High)

CSTUB-12	12" (305mm) Wide - Add-A-Unit & Spreader
CSTUB-18	18" (457mm) Wide - Add-A-Unit & Spreader
CSTUB-24	24" (610mm) Wide - Add-A-Unit & Spreader
CSTUB-36	36" (914mm) Wide - Add-A-Unit & Spreader
CSTUB-36SU	36" (914mm) Wide Open Burner Step-Up Unit
CSTUB-54	54" (1372mm) Wide - Add-A-Unit & Spreader or Range
CSTUB-60	60" (1524mm) Wide - Add-A-Unit & Spreader or Range
CSTUB-72	72" (1829mm) Wide - Add-A-Unit & Spreader or Range
CSTUB-72SU	72" (1829mm) Wide (Two Baked Open Burner Step-Up Units)
CSTUB-24BROIL	24" (610mm) Wide - Under-Fired Broilers
CSTUB-36BROIL	36" (914mm) Wide - Under-Fired Broilers
CSTUB-36SU	36" (914mm) Wide Open Burner Step-Up Unit

Continuous Plate Shelves

CCPS-48	Continuous Plate Shelf - 48" (1219mm)
CCPS-54	Continuous Plate Shelf - 54" (1372mm)
CCPS-60	Continuous Plate Shelf - 60" (1524mm)
CCPS-72	Continuous Plate Shelf - 72" (1829mm)

Pressure Regulators

2670200	3/4" Pressure Regulator for Natural Gas (Max. 250,000 BTU's)
2670300	3/4" Pressure Regulator for Propane Gas (Max. 250,000 BTU's)
2670400	1-1/4" Pressure Regulator for Natural Gas
2670500	1-1/4" Pressure Regulator for Propane Gas

Quick Disconnect

2591999	Quick Disconnect and hose, 60" Long x 3/4" NPT w/ Restraint
2591977	Quick Disconnect and hose 60" Long x 3/4" NPT w/ Restraint

NOTE: Many local codes exist and it is the responsibility of the owner and installer to comply with those codes.

These appliances are intended for commercial use by professionally trained personnel.

Cleveland

LEG TYPE, GAS-FIRED KETTLES

"SPLASH PROOF SERIES" 40, 60, OR 80 GALLONS (150, 225, OR 300 LITERS)

SHORT SERIES™ GAS-FIRED KETTLE

38" RIM HEIGHT, "SPLASH PROOF SERIES" 40 GALLONS (150 LITERS)

Project _____
 Item _____
 Quantity _____
 FCSI Section 11400 _____
 Approved _____
 Date _____

Gas Kettles

Models • KGL-40-T • KGL-80-T • **KGL-60-T**



Shown with standard controls, optional Spring Assisted Cover and 2" Tangent Draw-Off Valve



Optional easyDial Controls

Standard Features

- High efficiency Power Burner Heating System (62% to 65% efficiency)
- Fast Heat-up and Recovery Time, 140M BTU's on 40 gallon models, 190M BTU's on 60 gallon and larger
- Insulated Heat Exchanger
- Automatic Hot Surface Ignition System
- Steam Jacket permanently filled with treated, distilled water. Venting and/or refilling not required.
- Accurate, consistent solid state temperature controls - less than $\pm 1^{\circ}\text{C}$ variance (ideal for simmering). Operating temperature range from 145° - 260°F (63°C - 127°C)

Standard Control Panel includes:

- LED indicator for heat cycle • LED indicator for low water
- Power ON/OFF Dial with 1-10 Temperature Dial Setting

easyDial Control Panel (optional) includes:

- Adjustable Temperature Control (C&F) • 99 Minute Adjustable Timer Setting • 3 Cooking Models, Cook/Simmer, Cook/On, Cook Off • 6-Built In Self Diagnostics & Display Readout • Core Temperature Probe (Optional)
- Front mounted combination Pressure/Vacuum Gauge
- Type 316 Stainless Steel with #4 finish on kettle
- Tilt Mechanism of roller bearings and case hardened self-locking worm and segment gear
- Support Legs with level adjustable feet, flanged for floor bolting
- Large pouring lip for easier, faster, pouring. Heavy-duty Rolled Rim design provides strong reinforcement, prevents damages from abuse
- 50 psi Steam Jacket Rating and Safety Valve
- Standard voltage is 115 volts, 60 Hz, single-phase, supplied with cord and plug
- Standard for natural gas operation
- Typical approvals include AGA, CSA, CE, NSF and ASME

Short Form Specifications

Shall be CLEVELAND, Gas-Fired Tilting Kettle, Model KGL- ____ T; ____ gallons, 2/3 Steam Jacketed, Power Burner Heating System, Insulated Heat Exchanger, 50 psi Steam Jacket Rating. Infinite Variable Temperature Control, L.E.D. indicators for Heat Cycle and Low Water Warning, Automatic Ignition System. 316 Stainless Steel Interior.

Model • KGL-40-TSH



Shown with optional Spring Assisted Cover and 2" Tangent Draw-Off Valve

Options & Accessories

- easyDial option • Core Temperature Probe
- Pan Carrier (PCK) • Flow Diverter (FD) • Food Strainer (FS)
- Kettle Markings (KM) • Drain Strainers (DS-)
- Cooking Baskets and Tri-Basket Supports (BS and TBS)
- Faucet Mounting Bracket (FBKT)
- **2" or 3" diameter Tangent Draw-Off Valve (TD2 or TD3*), *TD3 for 60 and 80 gallon only and will raise height of kettle by 5-5/8" (143mm)**
- Drain Strainers (DS-)
- 3" diameter Butterfly Valve (BV3)
- Spring-assisted, hinged, rotatable, domed Stainless Steel Cover (CHS-)
- **Hot and Cold Water Faucet with Swing Spout (DPK)**
- Kettle Accessory Kit (KAK) includes:
 - Clean-up Brush (CB) • 36" Kettle Paddle (KP) • 24 oz. Ladle (KL)
 - 36" Kettle Whip (KW) • 36" Kettle Brush • Draw-Off Brush (DB)
- Automatic Water Meter (GMF or LMF)
- Measuring Strip (MS)
- Option for Propane Gas operation
- Correctional Package
- Heat Deflector Shield (HS001)

Short Form Specifications

Shall be Cleveland Gas-Fired Tilting Kettle, Model KGL-40-TSH, 37 1/2" rim height, Fully Steam Jacketed, 50 psi Steam Jacket Rating, 140,000 BTU Double Pass Steam Generator, Power Burner System, Splash Proof Solid State Temperature Controls, Automatic Hot-Surface Ignition System. 316 Stainless Steel Interior.

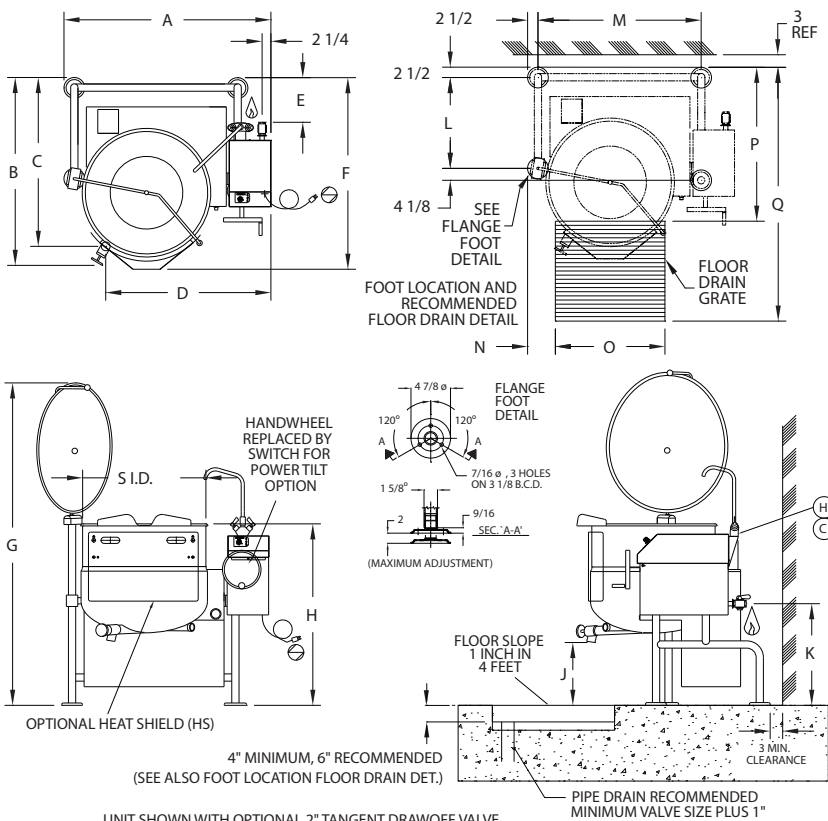
KE004046-73

Cleveland

MODEL	VALVE	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S I.D.	T	
KGL-40-T	NONE		N/A	N/A	N/A			71	40 1/2	N/A	23 1/4			5 1/2	25					N/A	
	TD-2		42 1/2	38	35			76	45 5/8	15 1/2				4 1/2	25 3/4					N/A	
	TD-3	45 3/4	47 1/2	39 3/8	35 3/4	9	42 1/4				19			3 5/8	26 1/2	33	63			26	
	BV-3							71	40 1/2	12 1/2	23 1/4			5 1/2	25					19	6 1/2
KGL-60-T	FPVA-3		N/A	N/A	N/A																
	NONE		N/A	N/A	N/A			75	43 3/4	N/A	24 1/2			6	27 1/2					N/A	N/A
	TD-2		46	41 1/2	37			80	48 1/8	15 1/4				5	28 1/2						
	TD-3	49 3/8	51	43	38	11 3/4	47 1/4				22			3 5/8	26 1/2	37	68			29 1/2	
KGL-80-T	BV-3		N/A	N/A	N/A			75	43 3/4	12 3/4	24 1/2			6	27 1/2					22	7 3/4
	FPVA-3		N/A	N/A	N/A																
	NONE		N/A	N/A	N/A			78	44 3/4	N/A	25			6 1/2	30					N/A	N/A
	TD-2		49	44 1/2	39			82	48 7/8	16 1/2	29 1/8			4 1/2	30 3/8	40	72				33
KGL-40-TSH	TD-3	53	54 3/8	46 1/4	40 1/4	14 3/4	51					25		6 1/2	30						9
	BV-3		N/A	N/A	N/A			78	44 3/4	11 3/4	25			6 1/2	30					24	
	FPVA-3		N/A	N/A	N/A			80	46 1/4	14	26 1/2										
	NONE		N/A	N/A	N/A			67 7/8	36 5/8	N/A	24 1/2			6	27 1/2					N/A	N/A
KGL-40-TSH	TD-2		46	41 1/2	37			72 7/8	41	18	28 7/8			5	28 1/2						29 1/2
	TD-3	49 3/8	51	43	38	11 3/4	47 1/4				22			3 5/8	26 1/2	37	68			29 1/2	
	BV-3		N/A	N/A	N/A			67 7/8	36 5/8	12 3/4	24 1/2			6	27 1/2					22	7 3/4
	FPVA-3		N/A	N/A	N/A																

LEGEND: TD-2 = 2" TANGENT DRAWOFF VALVE, TD-3 = 3" TANGENT DRAWOFF VALVE, BV-3 = 3" BUTTERFLY VALVE, FPVA-3 = 3" AIR VALVE

ALL DIMENSIONS IN INCHES.



UNIT SHOWN WITH OPTIONAL 2" TANGENT DRAWOFF VALVE, SPRING ASSIST COVER, HOT AND COLD WATER FAUCET

SPECIFICATIONS:

MODEL	ELECTRICAL SUPPLY:				GAS SUPPLY: (PIPING 3/4 NPT)				APPROVALS				CLEARANCE:	SHIPPING WEIGHT
	VOLTS	PHASE	AMPS	FREQ	TYPE	BTU RATING	WATER COLUMN	BTU PER CU. FT.	SUPPLY PRESSURE	AGA	CGA	CE MARK		
KGL-40-T	120	1	10	60	NAT	140,000	3.5	1000	4" TO 14" W.C.	✓	✓	✓	✓	RIGHT: 0 inches
	120	1	10	60	LP	140,000	3.5	2500	4" TO 14" W.C.	✓	✓	✓	✓	LEFT: 0 inches
	220	1	5	50	NAT	140,000	3.5	1000	4" TO 14" W.C.	✓	✓	✓	✓	REAR: 3 inches
	220	1	5	50	LP	140,000	3.5	2500	4" TO 14" W.C.	✓	✓	✓	✓	
KGL-60-T	120	1	10	60	NAT	190,000	3.5	1000	4" TO 14" W.C.	✓	✓	✓	✓	ALLOW 12" SPACE MINIMUM ON RIGHT SIDE FOR SERVICE
KGL-80-T	120	1	10	60	LP	190,000	3.5	2500	4" TO 14" W.C.	✓	✓	✓	✓	
KGL-40-TSH	220	1	5	50	NAT	190,000	3.5	1000	4" TO 14" W.C.	✓	✓	✓	✓	
	220	1	5	50	LP	190,000	3.5	2500	4" TO 14" W.C.	✓	✓	✓	✓	

NOTES:

1. MANUFACTURER MUST BE NOTIFIED IF UNIT WILL BE OPERATING ABOVE 2,000 FOOT ALTITUDE.
2. CONSULT FACTORY FOR MANUFACTURED GAS.
3. ALL VERTICAL DIMENSIONS SHOWN ARE MINIMUM. FEET ARE ADJUSTABLE TO 1 INCH MAXIMUM.
4. UNIT COMES WITH 6' POWER CORD.

NOTES:

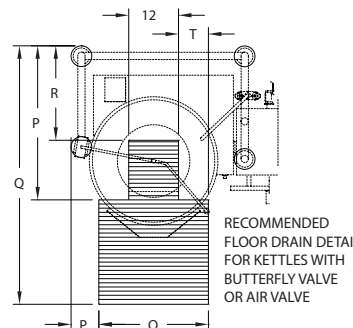
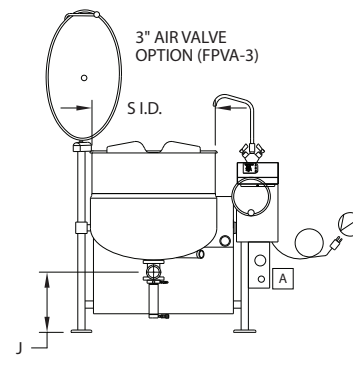
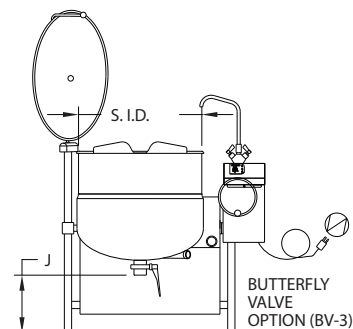
Cleveland Range reserves right of design improvement or modification, as warranted. Many regional, state and local codes exist and it is the responsibility of the owner and installer to comply with the codes. Cleveland Range equipment is built to comply with applicable standards for manufacturers. Included among those approval agencies are U.L./NSF4 and CSA (AGA, CGA).

CAPACITIES: (in 8 oz. servings, other sizes may be calculated)
 40 Gallon / 150 liters . . . 640 servings
 60 Gallon / 225 liters . . . 960 servings
 80 Gallon / 300 liters . . . 1280 servings

T.D. VALVE OPTIONS

VALVE	CLEARANCE REDUCTION
TD-2N	1 3/4
TD-3N	2 1/2
TD-2A	1/2
TD-3A	1 3/4

FOR VALVES WITH ACME THREADS (TD-2A, TD-3A) AND NPT THREADS (TD-2N, TD-3N) REDUCE CLEARANCE BETWEEN VALVE OPENING AND FLOOR BY AMOUNT SHOWN.



WARNING: TO PREVENT INJURY KETTLE MUST BE BOLTED TO FLOOR.

- A AIR: PIPING: 1/2 NPT PRESSURE: 90-100 PSI FLOW RATE: 5 CU. FT PER MIN.
- C COLD WATER: H HOT WATER: PIPING: 1/2" NPT (DOUBLE) PIPING: 3/8" COPPER TUBE (SINGLE)

(NOT TO SCALE)

Gas Kettles

760 Beta Drive, Unit D
 Mayfield Village, Ohio 44143

Tel 1.216.481.4900
 Fax 1.216.481.3782
 Email steam@clevelandrange.com

www.clevelandrange.com
 Section 6, Page 10
 02 / 2021

Timeless Quality, Trusted For Life®

Cleveland

DKFK - Double Pantry Faucet with Hose & Hook Nozzle

Project _____
 Item _____
 Quantity _____
 FCSI Section 11400 _____
 Approved _____
 Date _____

Models

- DKFK - Double Pantry Faucet with Hose & Hook Nozzle



Standard Features

Single-hole deck mount mixing faucet with polished chrome plated brass body for durability and easy installation.

68" flexible stainless steel hose with heat-resistant handle and wall hook for extended reach and convenience.

Self-closing pot filler valve with hook nozzle for quick rinsing tasks in busy kitchen environments.

Quarter-turn ceramic cartridges with check valves to prevent cross-flow and ensure smooth operation.

18" supply hoses with compression connections; low-lead, commercial-grade design ideal for foodservice use.

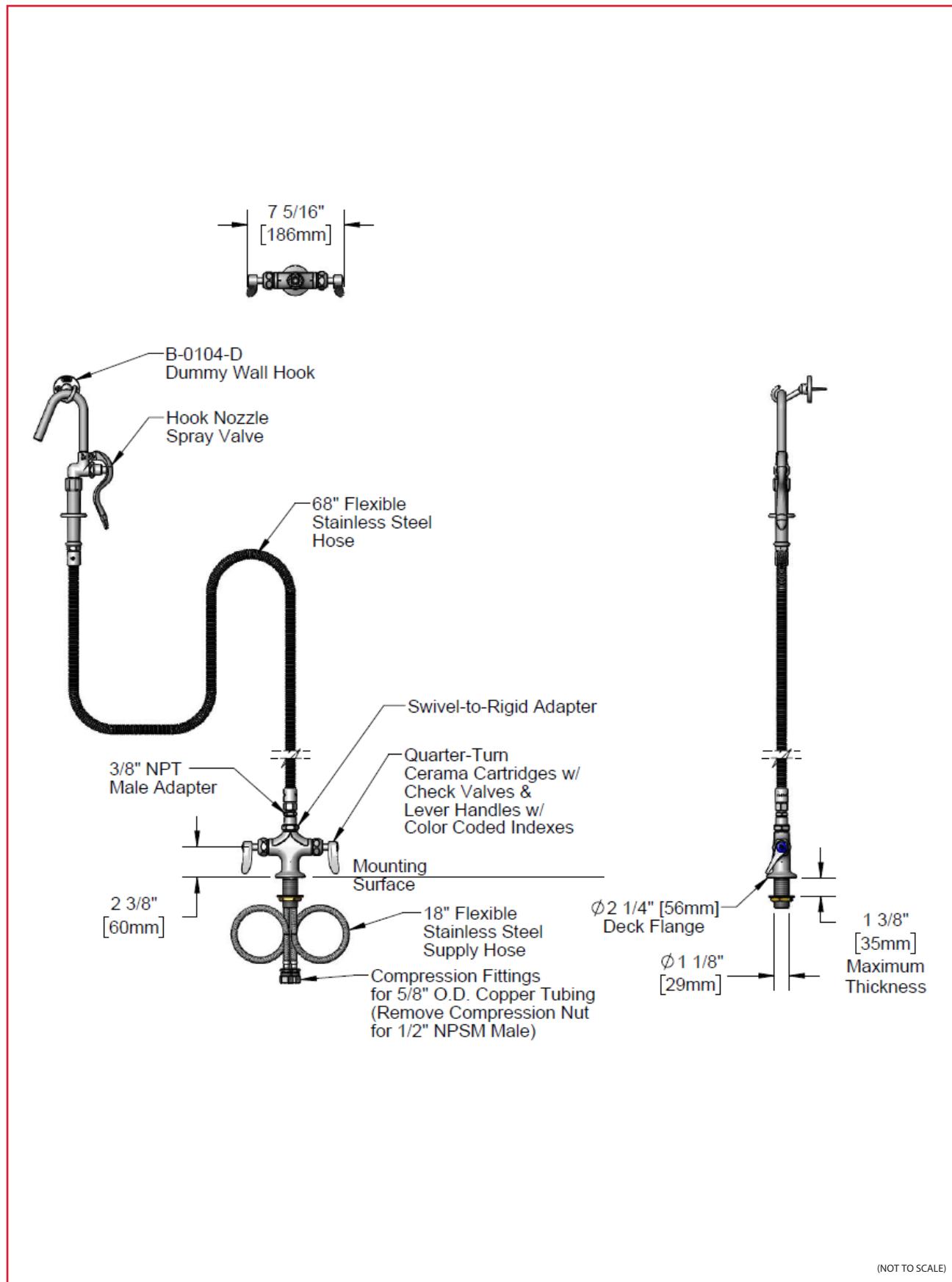
Not installed at the factory

Faucet Bracket (FBKT) - required for mounting to Cleveland Range Model

Install Kit (INSTWATER) - 2 x $\frac{3}{4}$ " Female 6 ft Garden Hoses, 2 x $\frac{1}{2}$ " Male NPT to $\frac{3}{4}$ " Male Garden Hose NPT Fittings

DKFK

Cleveland



DKFK



ASFT

Anti-Spill Floor Trough

General Information

Project Name: _____

Consultant: _____

Item #: _____

Model #: _____

Quantity: _____



Shown with
Subway Grating (SG)



Specifications

ASFT Floor Troughs are 14GA type 300 series stainless steel. Horizontal corners are coved and the trough is integrally pitched toward a waste outlet with a stainless steel beehive strainer and a 4" OD tailpiece.

Anti-Spill features are built into the trough, which is 6" deep.

Recessed flange and 1" deep ledge for IMC grating are integral with the unit.

Joints are TIG welded and leak-proof. Exposed surfaces finished brush satin.

Product Guide

Use in Commercial and Institutional Buildings or large food prep facilities for high volume, rapid discharge application.

Anti-Spill feature directs splashing waste water to inside corners of the trough away from the equipment.

Recessed outer flange supports floor tile and provides a grout pocket.

Setting frame for waterproof membrane and/or integral seepage flange with "weep" holes can be added for wet floor areas.

Extension arms and intersections available for multiple equipment layout.

Options*

- DOD** - 3", 3½", 5", 6", 8" OD Tube (circle one)
- WTO** - Waste Tube over 3" Long
- AW** - Additional Wastes
- WCP** - Waste Cup Strainers
- BH** - Beehive Strainers (Each)
- OCW** - Off Center Waste (Each)
- ST12** - Scrap Tray Up to 18" Wide
- PWT** - Perforated Waste Pipe
- SF-2** - Special Size Setting Flange 2" Deep
- SF-4** - Special Size Setting Flange 2" to 4" Deep
- OWT** - Oversize Waste Tube
- FSG** - Seepage Flange w/ Weep Holes
- ST20** - Scrap Tray 20" Long
- DSE** - Drain on the End
- ROD** - Rim on Drain
- BSPC** - Basket Strainer w/ Handle & Chain
- BXD** - Box Type Drain
- BSX** - Beehive Strainer for Box Drain
- GA-12** - 12GA Upgrade

*See Price List for Complete Options

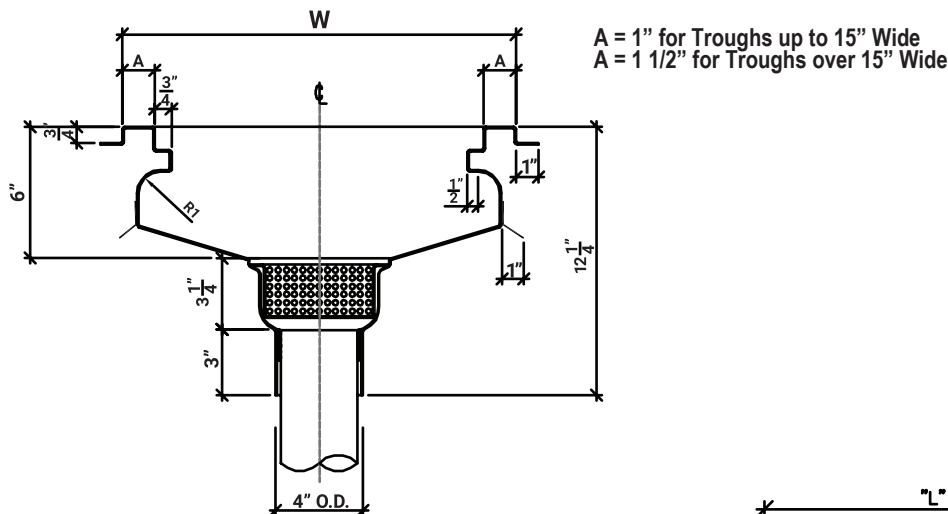
ASFT-90 0321



ASFT

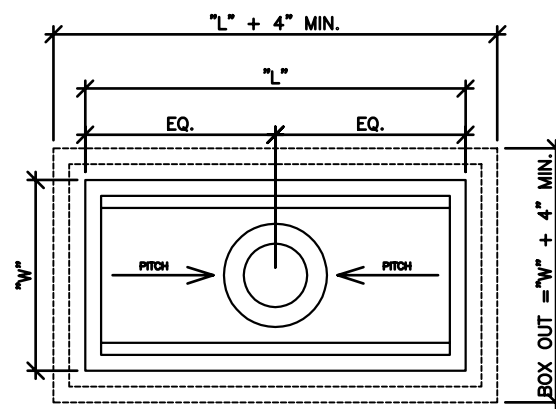
Anti-Spill Floor Trough

DRAWINGS



A = 1" for Troughs up to 15" Wide
 A = 1 1/2" for Troughs over 15" Wide

Box Out Size



Trough Area

- Width (PIT) = Width ("W") + 4" Minimum
- Length (PIT) = Length ("L") + 4" Minimum
- Depth (PIT) = Depth of Trough + 1/2" + Finish Floor
- Size of Rough-In Hole For Drains 7 1/2" 0 Minimum

ANTI-SPILL FLOOR TROUGHS

Model	Size (W x L)	Model	Size (W x L)	Model	Size (W x L)	Model	Size (W x L)
□ ASFT-1218	12" x 18"	□ ASFT-1824	18" x 24"	□ ASFT-2430	24" x 30"	□ ASFT-3036	30" x 36"
□ ASFT-1224	12" x 24"	□ ASFT-1830	18" x 30"	□ ASFT-2436	24" x 36"	□ ASFT-3048	30" x 48"
□ ASFT-1230	12" x 30"	□ ASFT-1836	18" x 36"	□ ASFT-2448	24" x 48"	□ ASFT-3060	30" x 60"
□ ASFT-1236	12" x 36"	□ ASFT-1848	18" x 48"	□ ASFT-2460	24" x 60"	□ ASFT-3072	30" x 72"
□ ASFT-1248	12" x 48"	□ ASFT-1860	18" x 60"	□ ASFT-2472	24" x 72"	□ ASFT-3084	30" x 84"
□ ASFT-1260	12" x 60"	□ ASFT-1872	18" x 72"	□ ASFT-2484	24" x 84"	□ ASFT-3096	30" x 96"
□ ASFT-1272	12" x 72"	□ ASFT-1884	18" x 84"	□ ASFT-2496	24" x 96"	□ ASFT-30108	30" x 108"
□ ASFT-1284	12" x 84"	□ ASFT-1896	18" x 96"	□ ASFT-24108	24" x 108"	□ ASFT-30120	30" x 120"
□ ASFT-1296	12" x 96"	□ ASFT-18108	18" x 108"	□ ASFT-24120	24" x 120"		
□ ASFT-12108	12" x 108"	□ ASFT-18120	18" x 120"	□ ASFT-3024	30" x 24"		
□ ASFT-12120	12" x 120"	□ ASFT-2424	24" x 24"	□ ASFT-3030	30" x 30"		

Note - Standard troughs up to 96" have one (1) waste at center. Over 96", troughs have two (2) wastes equidistant.

Specifications subject to change without notice.

ASFT-90 0321

DESIGNER LINE REFRIGERATOR

Model: D1RXSNHD

Natural Refrigerant R-290 Model

Designer Line

1-Section Extra-Wide Reach-In Refrigerator with Half Doors Shallow Depth

D1RXSNHD - Stainless steel front, aluminum end panels and interior

D1RXSNSAHD - Stainless steel exterior, aluminum interior

D1RXSNSSHD - Stainless steel exterior and interior



Options and Accessories

(upcharge and lead times may apply)

Stainless steel case back	Correctional Facility Options
Additional epoxy coated steel shelves	• One way security screws
Chrome or stainless steel shelves	• Locking hasp (lock not included)
Wine rack	• Stainless steel mesh cover
Caster options	• Coverless hinges
Custom laminates	Special electrical requirements (consult factory)
	Re-hinging of doors (consult factory)

Consult factory for other model configurations, options and accessories.

Continental
Refrigerator



Project Name:

Model Specified:

Location:

Item No:

Quantity:

AIA #:

SIS #:

Standard Model Features

REFRIGERATION SYSTEM

Self contained, performance rated refrigeration system (coil in food zone)

Natural, environmentally safe, high efficiency R-290 refrigerant¹

Automatic, hot gas condensate evaporator

Expansion valve system

CABINET ARCHITECTURE

3" non-CFC polyurethane foam insulation

Smooth, polished chrome workflow door handle

Cam action, lift off hinges

Self-closing door

Magnetic snap-in Santoprene™ door gasket

Cylinder lock in door

Heavy duty pilaster strips

Heavy duty, epoxy coated steel shelves

Adjustable 6" stainless steel legs

MODEL FEATURES

LED interior lighting

Electronic control, off cycle defrost

¹ R-290 refrigerant meets all federal and state regulatory requirements.

APPROVAL:

Model Specifications

DIMENSIONAL DATA

Net Capacity (cubic feet)	26 (736 cu l)
Width, Overall (inches)	36 1/4 (921 mm)
Depth, Overall (inches) (including handles)	29 1/4 (743 mm)
Depth (inches) (less doors)	25 7/8 (657 mm)
Depth (inches) (doors open 90°)	60 3/4 (1543 mm)
Clear Door Width (inches)	29 5/8 (752 mm)
Clear Half Door Height (inches)	27 1/2 (699 mm)
Height, Overall (inches) (including 6" legs)	83 1/4 (2115 mm)
Number of Doors	2
Number of Shelves	3
Shelf Area (square feet)	24.4 (2.3 sq m)

REFRIGERANT DATA

Condensing Unit Size (H.P.)	1/3+
Capacity (BTU per hour)*	2190

ELECTRICAL DATA

Voltage (International)	115/60/1 (220/50/1)
Feed Wires (including ground)	3
Total Amps (International)	7.0 (4.7)
10 ft. Cord/Plug [attached]	Yes
(International)	(No)

SHIPPING DATA

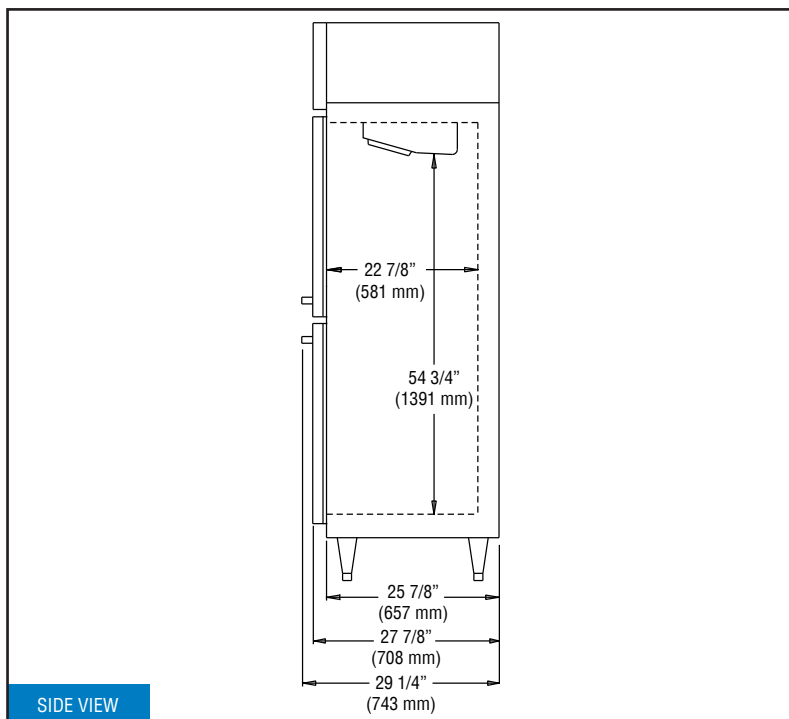
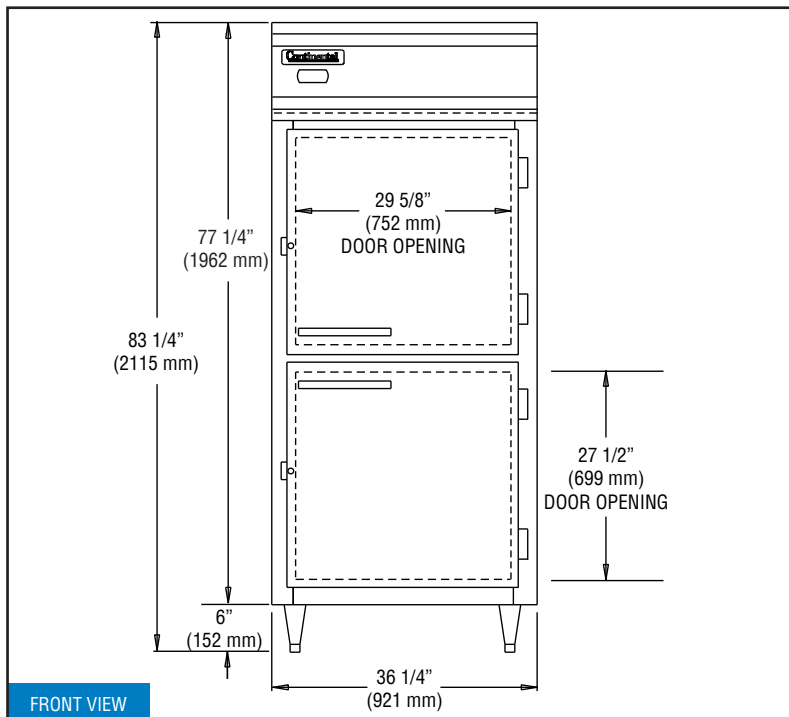
Height - Crated (inches)	85 1/2 (2172 mm)
Width - Crated (inches)	42 (1067 mm)
Depth - Crated (inches)	42 (1067 mm)
Volume - Crated (cubic feet)	87 (2464 cu l)
Weight Std - Crated (pounds)	345 (157 kg)
Weight SS - Crated (pounds)	410 (186 kg)

* Rating @ +25°F evaporator, 90°F ambient
 Figures in parentheses reflect metric equivalents rounded to the nearest whole unit.



Equipped with one NEMA-5-15P Plug
 (varies by country)

Model Plan Views



IMPORTANT NOTE: If the cabinet is located directly against a wall and/or under a low ceiling, a minimum clearance of 12" is required on top and 3" on sides and rear.



Toll-Free: 800-523-7138
 Phone: 215-244-1400
 Fax: 215-244-9579
 539 Dunkserry Road
 Bensalem, PA 19020
www.continentalrefrigerator.com

Due to our continued efforts in developing innovative products, specifications subject to change without notice.



PROUDLY
 DESIGNED & ASSEMBLED
 IN THE U.S.A.

Intertek

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REVISED: 4/7/2024



SPEC SHEET

"ST4-SBK" STAINLESS STEEL TOP WORK TABLES

14GA Top w/Stainless Steel Legs & Adjustable Bracing

FEATURES:

- 14GA Stainless Steel Top
- Type 300 Stainless Steel With #4 Polish, Satin Finish
- Top Is Sound Deadened
- Reinforced With 1"x2" Channel Running Entire Length Of Table
- 1-1/2" Stallion Edge On Front And Rear With Side Edges 90 Degree Bend Down For Table Line-Up
- Stainless Steel Base With Adjustable Bracing
- Shipped Knocked-Down, Easy-To-Assemble

SPECIFICATIONS:

- Top: Stainless Steel Tops Are TIG Welded, Exposed Welds Are Polished To Match Adjacent Surface
- Top: 14GA Stainless Steel Type 300 Stainless Steel With #4 Polish, Satin Finish
- Bracing: 1-1/4" Round O.D. , 18GA Stainless Steel
- Legs: 1-5/8" Round O.D. , 16GA Tubular Stainless Steel
- Gussets: Stainless Steel
- Feet: 1" Adjustable Stainless Steel Bullet Feet

CERTIFICATIONS:



ST4-3048SBK

ACCESSORIES

DESCRIPTION

Drawer

Drawer Lock

Casters

Overshelves

Sinks

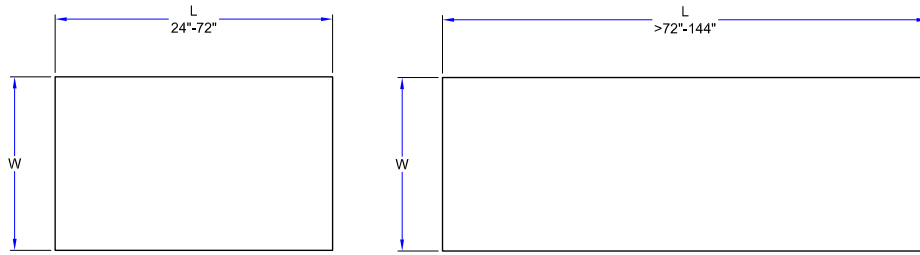
Pot Rack

"ST4-SBK" STAINLESS STEEL TOP WORK TABLES

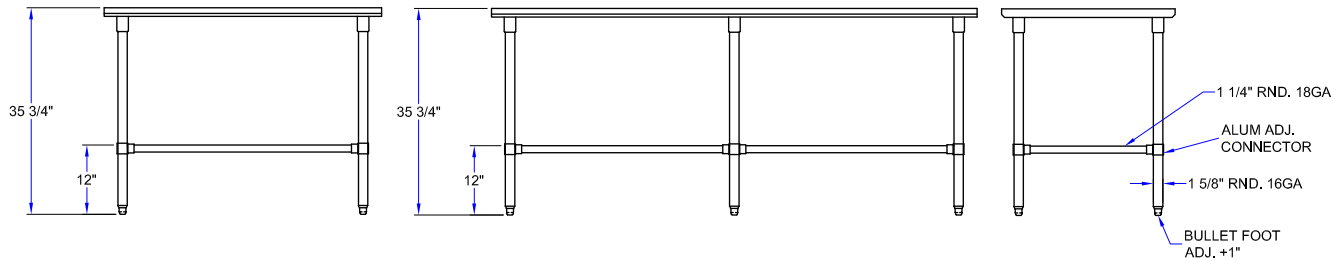
LENGTH	24" WIDE	WT	WT CAP	30" WIDE	WT	WT CAP	36" WIDE	WT	WT CAP	48" WIDE	WT	WT CAP
24"	ST4-2424SBK	42	900	ST4-3024SBK	47	900	ST4-3624SBK	53	900	-	-	-
30"	ST4-2430SBK	47	900	ST4-3030SBK	52	900	ST4-3630SBK	60	900	-	-	-
36"	ST4-2436SBK	52	900	ST4-3036SBK	59	900	ST4-3636SBK	67	900	-	-	-
48"	ST4-2448SBK	63	900	ST4-3048SBK	70	900	ST4-3648SBK	80	900	ST4-4848SBK	90	900
60"	ST4-2460SBK	73	650	ST4-3060SBK	82	650	ST4-3660SBK	93	650	ST4-4860SBK	109	650
72"	ST4-2472SBK	83	420	ST4-3072SBK	93	420	ST4-3672SBK	106	420	ST4-4872SBK	129	420
84"	ST4-2484SBK	102	1350	ST4-3084SBK	115	1350	ST4-3684SBK	130	1350	ST4-4884SBK	160	1350
96"	ST4-2496SBK	112	1350	ST4-3096SBK	127	1350	ST4-3696SBK	144	1350	ST4-4896SBK	181	1350
108"	ST4-24108SBK	121	1350	ST4-30108SBK	138	1350	ST4-36108SBK	158	1350	ST4-48108SBK	198	1350
120"	ST4-24120SBK	133	1200	ST4-30120SBK	150	1200	ST4-36120SBK	172	1200	ST4-48120SBK	215	1200
132"	ST4-24132SBK	143	960	ST4-30132SBK	162	960	ST4-36132SBK	185	960	ST4-48132SBK	232	960
144"	ST4-24144SBK	154	750	ST4-30144SBK	175	750	ST4-36144SBK	201	750	ST4-48144SBK	250	750

OVERALL WEIGHT (WT) AND MAX WEIGHT CAPACITY (WT CAP) ARE IN POUNDS (LBS). MAX WEIGHT CAPACITY EVENLY DISTRIBUTED.
ALL DIMENSIONS ARE TYPICAL. TOLERANCE +/- .500". JOHN BOOS & CO. RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.

DETAILED SPECIFICATIONS



Units 7 Ft. & Larger Are
Furnished With Six Legs
Shelf Length = Length Minus 4.875"
Shelf Width = Width Minus 4.25"



MODEL # STRUCTURE

- 24 = Width Of Work Surface
- 4 = 14GA Work Surface
- ST = Stainless Steel Top
- 30 = Length Of Work Surface
- SB = Stainless Legs & Bracing
- K = Ships Knocked Down

ST4-2430SBK

"ST4-SBK" STAINLESS STEEL TOP WORK TABLES

LENGTH	24" WIDE	WT	WT CAP	30" WIDE	WT	WT CAP	36" WIDE	WT	WT CAP	48" WIDE	WT	WT CAP
24"	ST4-2424SBK	42	900	ST4-3024SBK	47	900	ST4-3624SBK	53	900	-	-	-
30"	ST4-2430SBK	47	900	ST4-3030SBK	52	900	ST4-3630SBK	60	900	-	-	-
36"	ST4-2436SBK	52	900	ST4-3036SBK	59	900	ST4-3636SBK	67	900	-	-	-
48"	ST4-2448SBK	63	900	ST4-3048SBK	70	900	ST4-3648SBK	80	900	ST4-4848SBK	90	900
60"	ST4-2460SBK	73	650	ST4-3060SBK	82	650	ST4-3660SBK	93	650	ST4-4860SBK	109	650
72"	ST4-2472SBK	83	420	ST4-3072SBK	93	420	ST4-3672SBK	106	420	ST4-4872SBK	129	420
84"	ST4-2484SBK	102	1350	ST4-3084SBK	115	1350	ST4-3684SBK	130	1350	ST4-4884SBK	160	1350
96"	ST4-2496SBK	112	1350	ST4-3096SBK	127	1350	ST4-3696SBK	144	1350	ST4-4896SBK	181	1350
108"	ST4-24108SBK	121	1350	ST4-30108SBK	138	1350	ST4-36108SBK	158	1350	ST4-48108SBK	198	1350
120"	ST4-24120SBK	133	1200	ST4-30120SBK	150	1200	ST4-36120SBK	172	1200	ST4-48120SBK	215	1200
132"	ST4-24132SBK	143	960	ST4-30132SBK	162	960	ST4-36132SBK	185	960	ST4-48132SBK	232	960
144"	ST4-24144SBK	154	750	ST4-30144SBK	175	750	ST4-36144SBK	201	750	ST4-48144SBK	250	750

OVERALL WEIGHT (WT) AND MAX WEIGHT CAPACITY (WT CAP) ARE IN POUNDS (LBS). MAX WEIGHT CAPACITY EVENLY DISTRIBUTED.
ALL DIMENSIONS ARE TYPICAL. TOLERANCE +/- .500". JOHN BOOS & CO. RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.



**John
BOOS**
Since 1887

ITEM #: _____ QTY: _____
MODEL #: _____
PROJECT NAME: _____

021521

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"CAS" CASTERS & FEET

CASTERS & FEET

MODEL #	QTY	ITEM	DESCRIPTION	SET OF
CAS01-R		CASTERS	5", HEAVY DUTY, LOCKING, FOR 1-5/8" DIAMETER LEGS	4
CAS02-R		CASTERS	5", HEAVY DUTY, LOCKING, FOR 1-5/8" DIAMETER LEGS	6
CAS03		CASTERS	2-1/2", HEAVY DUTY, LOCKING	4
CAS-RN		CASTERS	3", BLACK, LOCKING	4
CAS23-R		CASTERS	5", HEAVY DUTY, LOCKING, FOR 2" SQUARE TUBE	4
CUCCAS-DLGS		CASTERS	5", SWIVEL LOCKING PLATE CASTER	4
CAS05		FLANGE FEET	ADJUSTABLE, STAINLESS STEEL	4
CAS05H		FLANGE FEET	ADJUSTABLE WITH HOLES FOR ATTACHMENT TO FLOOR, STAINLESS STEEL	4
CASWS05-4		CASTERS	LOCKING W/ BUMPERS	4
CAS06		FLANGE FEET	ADJUSTABLE, STAINLESS STEEL	6
CAS06H		FLANGE FEET	ADJUSTABLE WITH HOLES FOR ATTACHMENT TO FLOOR, STAINLESS STEEL	6
CAS07		BULLET FOOT	ADJUSTABLE, STAINLESS STEEL	EACH
CAS07-4		BULLET FOOT	ADJUSTABLE, STAINLESS STEEL, ONE (1) EACH PER LEG OF TABLE	4
CAS07-6		BULLET FOOT	ADJUSTABLE, STAINLESS STEEL, FOR 1-5/8" DIA. LEG	6
CAS08		BULLET FOOT	ADJUSTABLE, STAINLESS STEEL, FOR 1-1/2" SQUARE LEG	EACH
CAS08-4		BULLET FOOT	ADJUSTABLE, STAINLESS STEEL, FOR 1-1/2" SQUARE LEG	4
CAS08-6		BULLET FOOT	ADJUSTABLE, STAINLESS STEEL, FOR 1-1/2" SQUARE LEG	6
CAS12-1		FLANGE FEET	ADJUSTABLE, STAINLESS STEEL, (W/ MOUNTING HOLES)	EACH
CAS14		CASTERS	5", HEAVY DUTY, LOCKING	4
CAS14-6		CASTERS	5", HEAVY DUTY, LOCKING	6
CAS15		FLANGE FEET	ADJUSTABLE, STAINLESS STEEL	EACH
CAS16		FLANGE FEET	ADJUSTABLE, STAINLESS STEEL, 3-1/2" DIA.	4
CAS17		FLANGE FEET	ADJUSTABLE, STAINLESS STEEL, 3-1/2" DIA., (TABLES 84" & LONGER WITH 6 LEGS)	6



CAS01-R



CAS03



CAS-RN



CASWS05-4



CAS07

SOME UNITS SHIP UNASSEMBLED FOR REDUCED SHIPPING COST. ALL DIMENSIONS ARE TYPICAL. TOLERANCE +/- .500"

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SPEC SHEET

"OSE26F" OVERSHELVES - ECONOMY SERIES

Double Tier, 16GA w/Flat Top

FEATURES:

- Stainless Steel Shelf With Stallion Safety Edge On Front And Rear
- 16GA, Type 300 Stainless Steel With #4 Polish, Satin Finish
- Uprights Are 1" O.D. Round 18GA Tubing, Type 300 Stainless Steel With #4 Polish, Satin Finish
- Rear Or Center Mount (Please Specify)
- Single Overshelves Are Mounted 18" Above Table Top
- Double Overshelves Are Mounted 12" Above First Shelf
- Overshelves Feature Knockdown Setup
- All Models Are Approved By The National Sanitation Foundation

SPECIFICATIONS:

- Stainless Steel Overshelves Are TIG Welded
- Exposed Welds Are Polished To Match Adjacent Surfaces
- Shelf: 16GA, Type 300 Stainless Steel, #4 Polish, Satin Finish
- Uprights: 1" Round O.D., 18GA Type 300 Tubular Stainless Steel #4 Polish, Satin Finish
- Heat Lamp Provision: OSEHLP-6XX 6=Width Of Provision, XX=Nominal Length Of Shelf

CERTIFICATIONS:



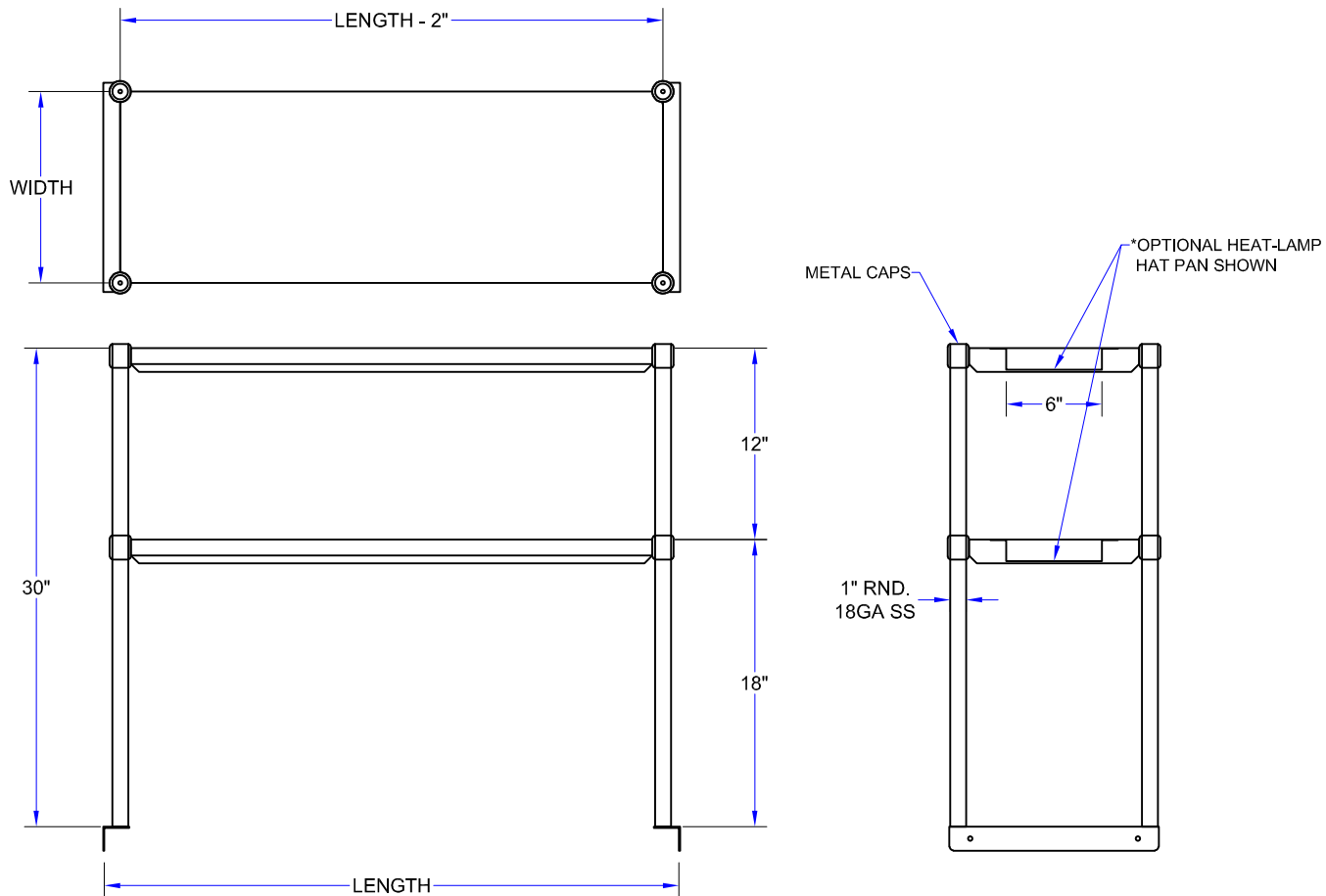
OSE26FK-1248

"OSE26F" OVERSHELVES - ECONOMY SERIES

LENGTH (L)	12" WIDTH	WT (LBS)	18" WIDTH	WT (LBS)
36"	OSE26FK-1236	24	OSE26FK-1836	36
48"	OSE26FK-1248	31	OSE26FK-1848	44
60"	OSE26FK-1260	37	OSE26FK-1860	52
72"	OSE26FK-1272	43	OSE26FK-1872	55
84"	OSE26FK-1284	49	OSE26FK-1884	70
96"	OSE26FK-1296	55	OSE26FK-1896	80
108"	OSE26FK-12108	61	OSE26FK-18108	88
120"	OSE26FK-12120	71	OSE26FK-18120	98
132"	OSE26FK-12132	79	OSE26FK-18132	106
144"	OSE26FK-12144	89	OSE26FK-18144	114

ALL DIMENSIONS ARE TYPICAL. TOLERANCE +/- .500". JOHN BOOS & CO. RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.

DETAILED SPECIFICATIONS



"OSE26F" OVERSHELVES - ECONOMY SERIES

LENGTH (L)	12" WIDTH	WT (LBS)	18" WIDTH	WT (LBS)
36"	OSE26FK-1236	24	OSE26FK-1836	36
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60"	OSE26FK-1260	37	OSE26FK-1860	52
72"	OSE26FK-1272	43	OSE26FK-1872	55
84"	OSE26FK-1284	49	OSE26FK-1884	70
96"	OSE26FK-1296	55	OSE26FK-1896	80
108"	OSE26FK-12108	61	OSE26FK-18108	88
120"	OSE26FK-12120	71	OSE26FK-18120	98
132"	OSE26FK-12132	79	OSE26FK-18132	106
144"	OSE26FK-12144	89	OSE26FK-18144	114

ALL DIMENSIONS ARE TYPICAL. TOLERANCE +/- .500". JOHN BOOS & CO. RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.



SPEC SHEET

"OSE26F" OVERSHELVES - ECONOMY SERIES

Double Tier, 16GA w/Flat Top

FEATURES:

- Stainless Steel Shelf With Stallion Safety Edge On Front And Rear
- 16GA, Type 300 Stainless Steel With #4 Polish, Satin Finish
- Uprights Are 1" O.D. Round 18GA Tubing, Type 300 Stainless Steel With #4 Polish, Satin Finish
- Rear Or Center Mount (Please Specify)
- Single Overshelves Are Mounted 18" Above Table Top
- Double Overshelves Are Mounted 12" Above First Shelf
- Overshelves Feature Knockdown Setup
- All Models Are Approved By The National Sanitation Foundation

SPECIFICATIONS:

- Stainless Steel Overshelves Are TIG Welded
- Exposed Welds Are Polished To Match Adjacent Surfaces
- Shelf: 16GA, Type 300 Stainless Steel, #4 Polish, Satin Finish
- Uprights: 1" Round O.D., 18GA Type 300 Tubular Stainless Steel #4 Polish, Satin Finish
- Heat Lamp Provision: OSEHLP-6XX 6=Width Of Provision, XX=Nominal Length Of Shelf

CERTIFICATIONS:



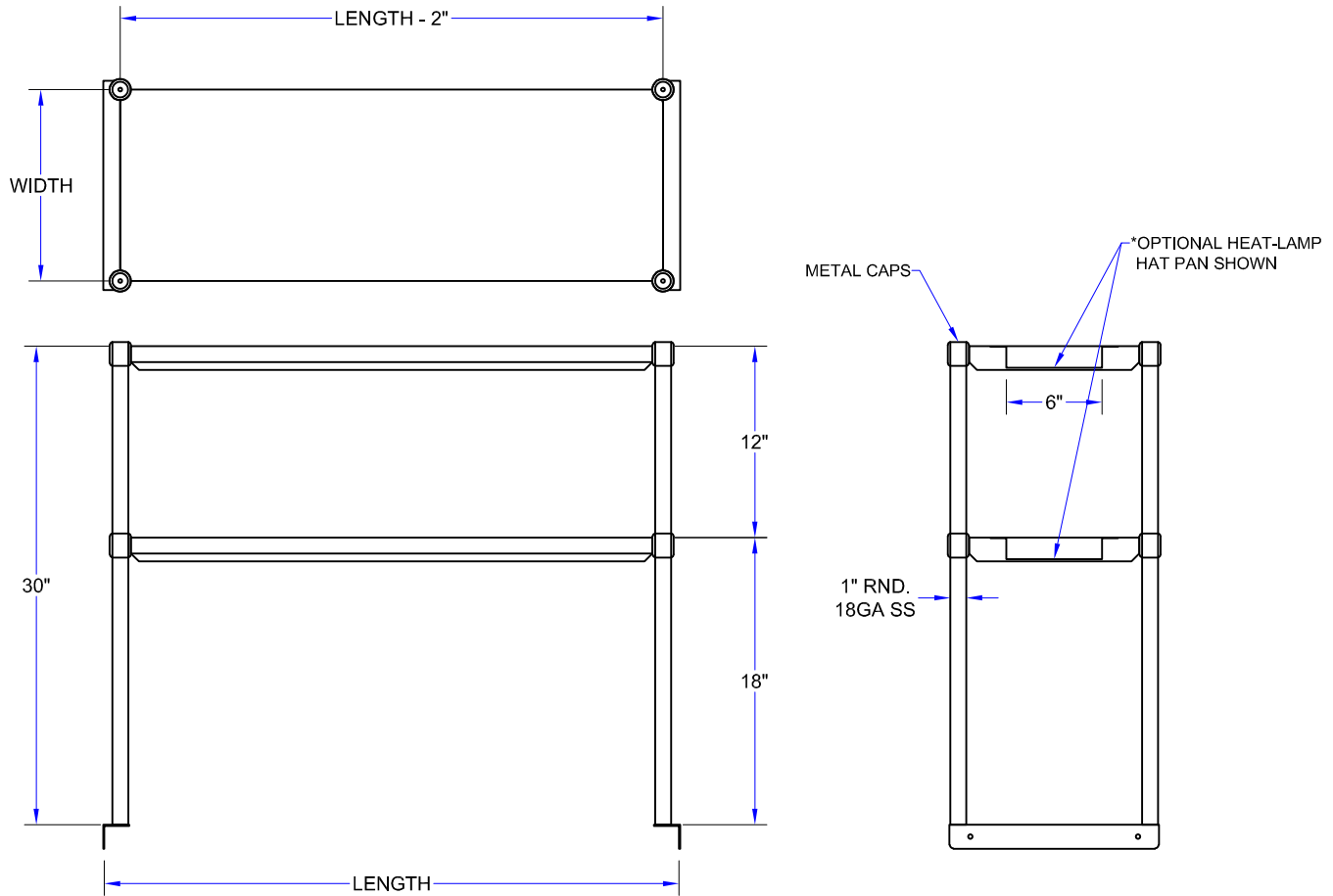
OSE26FK-1248

"OSE26F" OVERSHELVES - ECONOMY SERIES

LENGTH (L)	12" WIDTH	WT (LBS)	18" WIDTH	WT (LBS)
36"	OSE26FK-1236	24	OSE26FK-1836	36
48"	OSE26FK-1248	31	OSE26FK-1848	44
60"	OSE26FK-1260	37	OSE26FK-1860	52
72"	OSE26FK-1272	43	OSE26FK-1872	55
84"	OSE26FK-1284	49	OSE26FK-1884	70
96"	OSE26FK-1296	55	OSE26FK-1896	80
108"	OSE26FK-12108	61	OSE26FK-18108	88
120"	OSE26FK-12120	71	OSE26FK-18120	98
132"	OSE26FK-12132	79	OSE26FK-18132	106
144"	OSE26FK-12144	89	OSE26FK-18144	114

ALL DIMENSIONS ARE TYPICAL. TOLERANCE +/- .500". JOHN BOOS & CO. RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.

DETAILED SPECIFICATIONS



"OSE26F" OVERSHELVES - ECONOMY SERIES

LENGTH (L)	12" WIDTH	WT (LBS)	18" WIDTH	WT (LBS)
36"	OSE26FK-1236	24	OSE26FK-1836	36
48"	OSE26FK-1248	31	OSE26FK-1848	44
60"	OSE26FK-1260	37	OSE26FK-1860	52
72"	OSE26FK-1272	43	OSE26FK-1872	55
84"	OSE26FK-1284	49	OSE26FK-1884	70
96"	OSE26FK-1296	55	OSE26FK-1896	80
108"	OSE26FK-12108	61	OSE26FK-18108	88
120"	OSE26FK-12120	71	OSE26FK-18120	98
132"	OSE26FK-12132	79	OSE26FK-18132	106
144"	OSE26FK-12144	89	OSE26FK-18144	114

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SPEC SHEET

"ST4-SSK" STAINLESS STEEL TOP WORK TABLES

14GA Top & Stainless Steel Legs w/Adjustable Undershelf

FEATURES:

- 14GA Stainless Steel Top
- Type 300 Stainless Steel With #4 Polish, Satin Finish
- Top Is Sound Deadened
- Reinforced With 1"x2" Channel Running Entire Length Of Table
- 1-1/2" Stallion Edge On Front And Rear With Side Edges 90 Degree Bend Down For Table Line-Up
- Stainless Base With Adjustable Undershelf
- Adjustable Bullet Feet
- Shipped Knocked-Down, Easy-To-Assemble

SPECIFICATIONS:

- Top: Stainless Steel Tops Are TIG Welded, Exposed Welds Are Polished To Match Adjacent Surface
- Top: 14GA Stainless Steel Type 300 Stainless Steel With #4 Polish, Satin Finish
- Shelf: 18GA Stainless Steel (36" Wide Tables, 16GA Lower Shelf)
- Legs: 1-5/8" Round O.D. , 16GA Tubular Stainless Steel
- Gussets: Stainless Steel
- Feet: 1" Adjustable Stainless Steel Bullet Feet

CERTIFICATIONS:



ST4-3048SSK

ACCESSORIES

DESCRIPTION

Drawer

Drawer Lock

Casters

Overshelves

Sinks

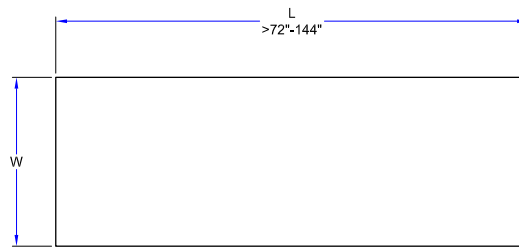
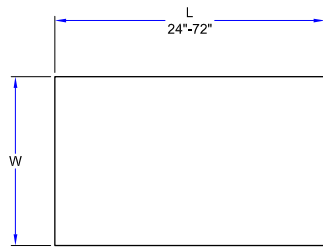
Pot Rack

"ST4-SSK" STAINLESS STEEL TOP WORK TABLES

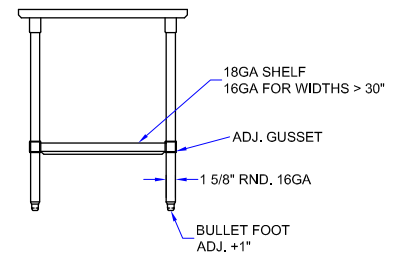
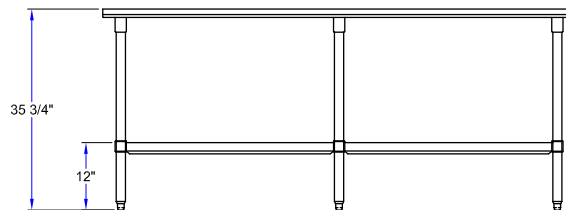
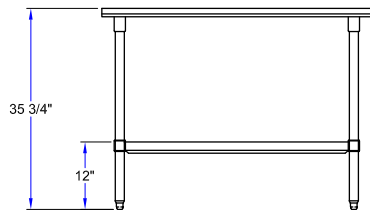
LENGTH	24" WIDE	WT	WT CAP	30" WIDE	WT	WT CAP	36" WIDE	WT	WT CAP	48" WIDE	WT	WT CAP
24"	ST4-2424SSK	46	900	ST4-3024SSK	52	900	ST4-3624SSK	61	900	-	-	-
30"	ST4-2430SSK	52	900	ST4-3030SSK	58	900	ST4-3630SSK	70	900	-	-	-
36"	ST4-2436SSK	58	900	ST4-3036SSK	67	900	ST4-3636SSK	81	900	-	-	-
48"	ST4-2448SSK	72	900	ST4-3048SSK	82	900	ST4-3648SSK	100	900	ST4-4848SSK	121	900
60"	ST4-2460SSK	85	650	ST4-3060SSK	98	650	ST4-3660SSK	120	650	ST4-4860SSK	151	650
72"	ST4-2472SSK	98	420	ST4-3072SSK	113	420	ST4-3672SSK	139	420	ST4-4872SSK	175	420
84"	ST4-2484SSK	119	1350	ST4-3084SSK	137	1350	ST4-3684SSK	168	1350	ST4-4884SSK	212	1350
96"	ST4-2496SSK	132	1350	ST4-3096SSK	153	1350	ST4-3696SSK	188	1350	ST4-4896SSK	241	1350
108"	ST4-24108SSK	145	1350	ST4-30108SSK	168	1350	ST4-36108SSK	209	1350	ST4-48108SSK	265	1350
120"	ST4-24120SSK	158	1200	ST4-30120SSK	184	1200	ST4-36120SSK	229	1200	ST4-48120SSK	293	1200
132"	ST4-24132SSK	171	960	ST4-30132SSK	200	960	ST4-36132SSK	248	960	ST4-48132SSK	319	960
144"	ST4-24144SSK	184	750	ST4-30144SSK	216	750	ST4-36144SSK	268	750	ST4-48144SSK	344	750

OVERALL WEIGHT (WT) AND MAX WEIGHT CAPACITY (WT CAP) ARE IN POUNDS (LBS). MAX WEIGHT CAPACITY EVENLY DISTRIBUTED.
ALL DIMENSIONS ARE TYPICAL. TOLERANCE +/- .500". JOHN BOOS & CO. RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.

DETAILED SPECIFICATIONS



Units 7 Ft. & Larger Are
Furnished With Six Legs
Shelf Length = Length Minus 4.875"
Shelf Width = Width Minus 4.25"



MODEL # STRUCTURE

24 = Width Of Work Surface
4 = 14GA Work Surface
ST = Stainless Steel Top



30 = Length Of Work Surface
SS = Stainless Legs & Shelf
K = Ships Knocked Down

ST4-2430SSK

"ST4-SSK" STAINLESS STEEL TOP WORK TABLES

LENGTH	24" WIDE	WT	WT CAP	30" WIDE	WT	WT CAP	36" WIDE	WT	WT CAP	48" WIDE	WT	WT CAP
24"	ST4-2424SSK	46	900	ST4-3024SSK	52	900	ST4-3624SSK	61	900	-	-	-
30"	ST4-2430SSK	52	900	ST4-3030SSK	58	900	ST4-3630SSK	70	900	-	-	-
36"	ST4-2436SSK	58	900	ST4-3036SSK	67	900	ST4-3636SSK	81	900	-	-	-
48"	ST4-2448SSK	72	900	ST4-3048SSK	82	900	ST4-3648SSK	100	900	ST4-4848SSK	121	900
60"	ST4-2460SSK	85	650	ST4-3060SSK	98	650	ST4-3660SSK	120	650	ST4-4860SSK	151	650
72"	ST4-2472SSK	98	420	ST4-3072SSK	113	420	ST4-3672SSK	139	420	ST4-4872SSK	175	420
84"	ST4-2484SSK	119	1350	ST4-3084SSK	137	1350	ST4-3684SSK	168	1350	ST4-4884SSK	212	1350
96"	ST4-2496SSK	132	1350	ST4-3096SSK	153	1350	ST4-3696SSK	188	1350	ST4-4896SSK	241	1350
108"	ST4-24108SSK	145	1350	ST4-30108SSK	168	1350	ST4-36108SSK	209	1350	ST4-48108SSK	265	1350
120"	ST4-24120SSK	158	1200	ST4-30120SSK	184	1200	ST4-36120SSK	229	1200	ST4-48120SSK	293	1200
132"	ST4-24132SSK	171	960	ST4-30132SSK	200	960	ST4-36132SSK	248	960	ST4-48132SSK	319	960
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OVERALL WEIGHT (WT) AND MAX WEIGHT CAPACITY (WT CAP) ARE IN POUNDS (LBS). MAX WEIGHT CAPACITY EVENLY DISTRIBUTED.
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**John
BOOS**
Since 1887

ITEM #: _____ QTY: _____
MODEL #: _____
PROJECT NAME: _____

021521

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"CAS" CASTERS & FEET

CASTERS & FEET

MODEL #	QTY	ITEM	DESCRIPTION	SET OF
CAS01-R		CASTERS	5", HEAVY DUTY, LOCKING, FOR 1-5/8" DIAMETER LEGS	4
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CAS03		CASTERS	2-1/2", HEAVY DUTY, LOCKING	4
CAS-RN		CASTERS	3", BLACK, LOCKING	4
CAS23-R		CASTERS	5", HEAVY DUTY, LOCKING, FOR 2" SQUARE TUBE	4
CUCCAS-DLGS		CASTERS	5", SWIVEL LOCKING PLATE CASTER	4
CAS05		FLANGE FEET	ADJUSTABLE, STAINLESS STEEL	4
CAS05H		FLANGE FEET	ADJUSTABLE WITH HOLES FOR ATTACHMENT TO FLOOR, STAINLESS STEEL	4
CASWS05-4		CASTERS	LOCKING W/ BUMPERS	4
CAS06		FLANGE FEET	ADJUSTABLE, STAINLESS STEEL	6
CAS06H		FLANGE FEET	ADJUSTABLE WITH HOLES FOR ATTACHMENT TO FLOOR, STAINLESS STEEL	6
CAS07		BULLET FOOT	ADJUSTABLE, STAINLESS STEEL	EACH
CAS07-4		BULLET FOOT	ADJUSTABLE, STAINLESS STEEL, ONE (1) EACH PER LEG OF TABLE	4
CAS07-6		BULLET FOOT	ADJUSTABLE, STAINLESS STEEL, FOR 1-5/8" DIA. LEG	6
CAS08		BULLET FOOT	ADJUSTABLE, STAINLESS STEEL, FOR 1-1/2" SQUARE LEG	EACH
CAS08-4		BULLET FOOT	ADJUSTABLE, STAINLESS STEEL, FOR 1-1/2" SQUARE LEG	4
CAS08-6		BULLET FOOT	ADJUSTABLE, STAINLESS STEEL, FOR 1-1/2" SQUARE LEG	6
CAS12-1		FLANGE FEET	ADJUSTABLE, STAINLESS STEEL, (W/ MOUNTING HOLES)	EACH
CAS14		CASTERS	5", HEAVY DUTY, LOCKING	4
CAS14-6		CASTERS	5", HEAVY DUTY, LOCKING	6
CAS15		FLANGE FEET	ADJUSTABLE, STAINLESS STEEL	EACH
CAS16		FLANGE FEET	ADJUSTABLE, STAINLESS STEEL, 3-1/2" DIA.	4
CAS17		FLANGE FEET	ADJUSTABLE, STAINLESS STEEL, 3-1/2" DIA., (TABLES 84" & LONGER WITH 6 LEGS)	6



CAS01-R



CAS03



CAS-RN



CASWS05-4



CAS07

SOME UNITS SHIP UNASSEMBLED FOR REDUCED SHIPPING COST. ALL DIMENSIONS ARE TYPICAL. TOLERANCE +/- .500"

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SPEC SHEET

"OSE26F" OVERSHELVES - ECONOMY SERIES

Double Tier, 16GA w/Flat Top

FEATURES:

- Stainless Steel Shelf With Stallion Safety Edge On Front And Rear
- 16GA, Type 300 Stainless Steel With #4 Polish, Satin Finish
- Uprights Are 1" O.D. Round 18GA Tubing, Type 300 Stainless Steel With #4 Polish, Satin Finish
- Rear Or Center Mount (Please Specify)
- Single Overshelves Are Mounted 18" Above Table Top
- Double Overshelves Are Mounted 12" Above First Shelf
- Overshelves Feature Knockdown Setup
- All Models Are Approved By The National Sanitation Foundation

SPECIFICATIONS:

- Stainless Steel Overshelves Are TIG Welded
- Exposed Welds Are Polished To Match Adjacent Surfaces
- Shelf: 16GA, Type 300 Stainless Steel, #4 Polish, Satin Finish
- Uprights: 1" Round O.D., 18GA Type 300 Tubular Stainless Steel #4 Polish, Satin Finish
- Heat Lamp Provision: OSEHLP-6XX 6=Width Of Provision, XX=Nominal Length Of Shelf

CERTIFICATIONS:



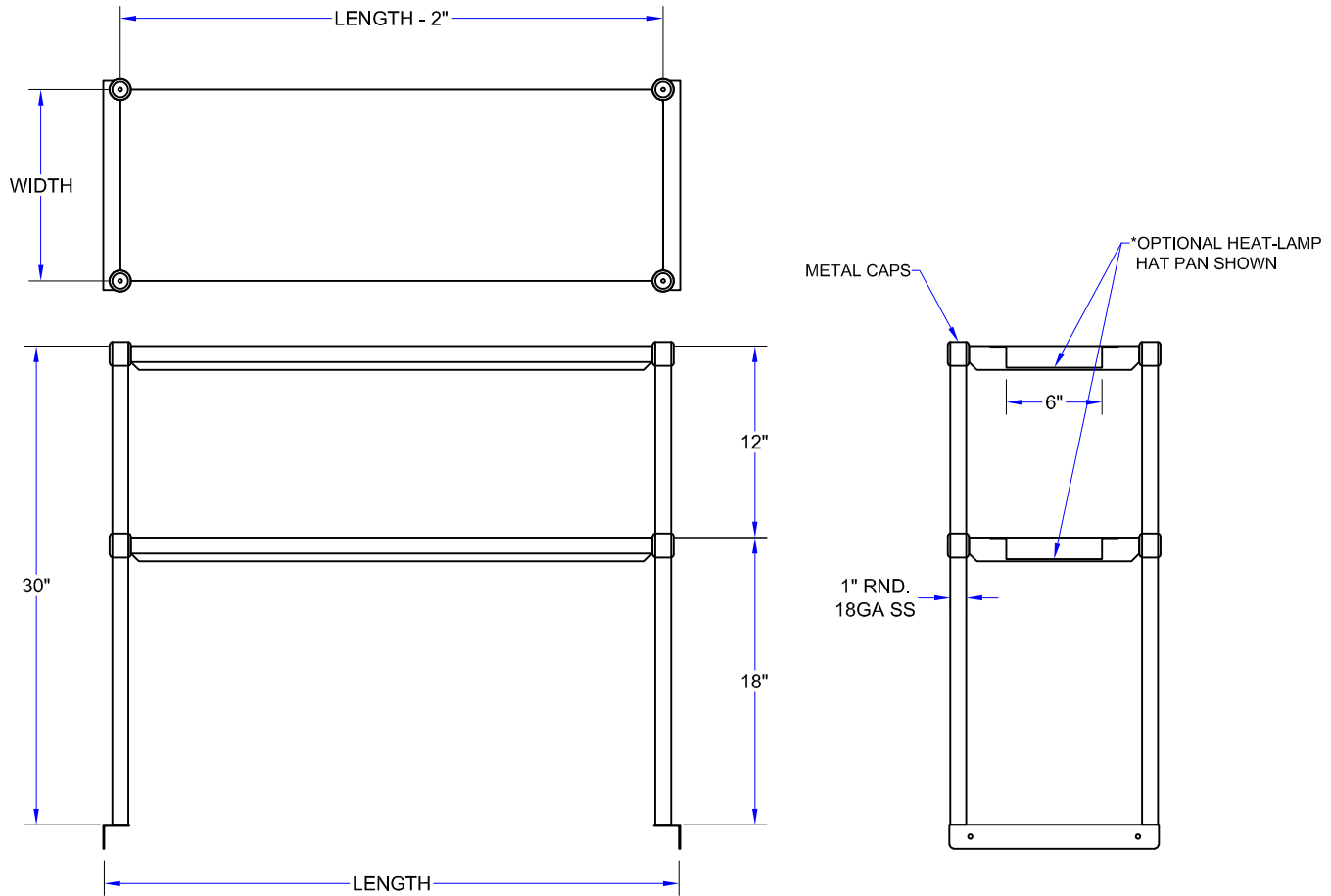
OSE26FK-1248

"OSE26F" OVERSHELVES - ECONOMY SERIES

LENGTH (L)	12" WIDTH	WT (LBS)	18" WIDTH	WT (LBS)
36"	OSE26FK-1236	24	OSE26FK-1836	36
48"	OSE26FK-1248	31	OSE26FK-1848	44
60"	OSE26FK-1260	37	OSE26FK-1860	52
72"	OSE26FK-1272	43	OSE26FK-1872	55
84"	OSE26FK-1284	49	OSE26FK-1884	70
96"	OSE26FK-1296	55	OSE26FK-1896	80
108"	OSE26FK-12108	61	OSE26FK-18108	88
120"	OSE26FK-12120	71	OSE26FK-18120	98
132"	OSE26FK-12132	79	OSE26FK-18132	106
144"	OSE26FK-12144	89	OSE26FK-18144	114

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DETAILED SPECIFICATIONS



"OSE26F" OVERSHELVES - ECONOMY SERIES

LENGTH (L)	12" WIDTH	WT (LBS)	18" WIDTH	WT (LBS)
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72"	OSE26FK-1272	43	OSE26FK-1872	55
84"	OSE26FK-1284	49	OSE26FK-1884	70
96"	OSE26FK-1296	55	OSE26FK-1896	80
108"	OSE26FK-12108	61	OSE26FK-18108	88
120"	OSE26FK-12120	71	OSE26FK-18120	98
132"	OSE26FK-12132	79	OSE26FK-18132	106
144"	OSE26FK-12144	89	OSE26FK-18144	114

ALL DIMENSIONS ARE TYPICAL. TOLERANCE +/- .500". JOHN BOOS & CO. RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.

Description: Walk-In Cooler

Notes: Walk-In Cooler

Description: Evaporator Coil (Freezer)

Notes: Evaporator Coil (Freezer)

Description: Freezer Condenser

Notes: Freezer Condenser

Description: Evaporator Coil (Cooler)

Notes: Evaporator Coil (Cooler)

Description: Cooler Condenser

Notes: Cooler Condenser


Description: Spare Number

Notes: Spare Number

{9.09}

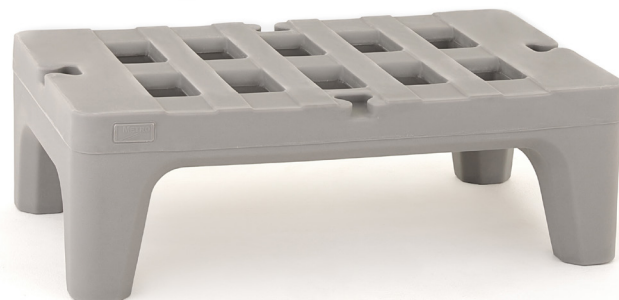
Polymer Bow-Tie™ Dunnage Racks



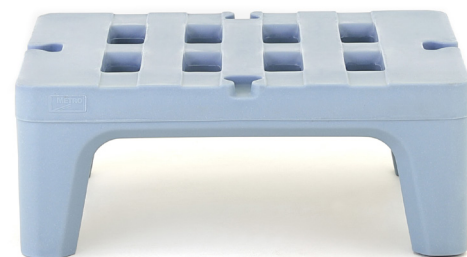
- **Easy-to-Clean:** Smooth rotomolded polymer offers snag-free surfaces and promotes easy cleaning.
- **Versatile:** Racks join together easily without tools in “end-to-end” and “back-to-back” configurations with the exclusive Bow-Tie™ feature.
- **Durable:** Rust and corrosion proof polymer construction.
- **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..

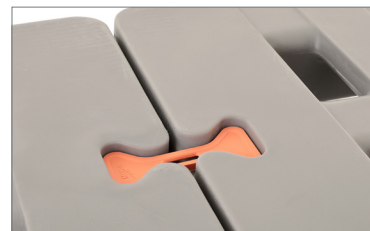
 Not sold in Canada.




Microban® version



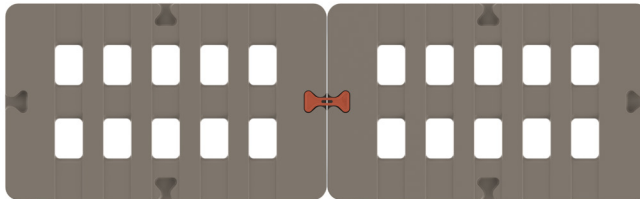
Racks joined with Bow-Tie® Polymer Tie
(1) Included with each rack.



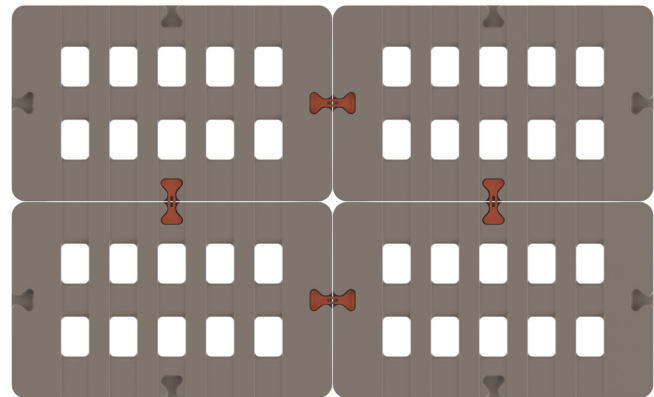
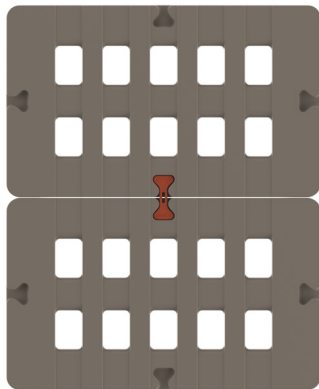
MICROBAN® and the MICROBAN® symbol are registered trademarks of the Microban® Products Company, Huntersville, NC. Microban® product protection does not by itself protect a user from food borne illness. Product must be routinely cleaned.



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

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

Racks joined in "end-to-end" configuration

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

Racks joined in "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

Length (in.) (mm)	Height (in.) (mm)	Approx. Pkd. Wt. (lbs.) (kg)		Capacity (lbs.) (kg)		Cat. No. Microban	Cat. No. Standard
		lbs.	kg	lbs.	kg		
30	760	24	10.8	1500	68	HP2230PDMB	HP2230PD
36	914	26	11.7	1500	68	HP2236PDMB	HP2236PD
48	1219	34	15.3	3000	136	HP2248PDMB	HP2248PD
60	1524	42	19	3000	136	HP2260PDMB	HP2260PD

Microban models not sold in Canada.



Item # _____

We put space to work.

Job _____

MetroMax® Top-Track® High-Density Storage

For MetroMax i, MetroMax 4 and MetroMax Q



NSF

- **Maximizes Storage Capacity:** Top-Track can increase the storage capacity of a given area up to 40%. The system allows more storage units to fit in a defined space. A movable, open aisle allows full access to each entire shelving unit thus eliminating hard to reach or “dead” spaces.
- **Easy Access:** The overhead track system guides the mobile units and opens an access aisle between any two units, whenever it is needed. The track is above the storage units enabling easy access for employees or for utility carts, simplifying the material handling task.
- **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.
- **Uniquely Interchangeable:** Corrosion resistant MetroMax Q steel posts can improve the overall rigidity of the Top-Track system in higher weight bearing applications. Polymer posts are offer rust-proof performance.

- **Clean Design:** Guide tracks are installed overhead enabling easy cleaning of floors. MetroMax shelves feature removable polymer mats. *Microban antimicrobial product protection is built into the high contact areas of the shelving systems — shelf mats, frames, and posts — to inhibit the growth of bacteria, mold, mildew, and fungus that cause odors and product degradation. Microban product protection keeps the shelves and posts “cleaner between cleanings”.
- **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.

The system compensates for uneven floor surfaces. Floor should be smooth and free from large cracks or raised obstacles.

All MetroMax shelving styles are available for Top-Track configurations.

MetroMax i: (heavier duty polymer shelving with stainless corners) most commonly used with polymer posts. See spec sheet 9.20 for more information.

MetroMax 4: all-polymer shelving; most commonly used with polymer posts. See spec sheet 9.22 for more information.

MetroMax Q: (hybrid polymer and wire shelving) most commonly used with epoxy coated steel posts. See spec sheet 9.21 for more information.



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MetroMax® Top-Track® High-Density Storage

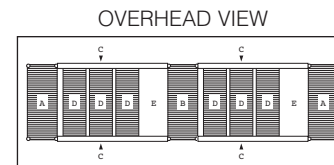
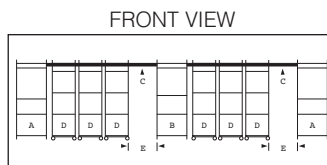
9.29



MetroMax® Top-Track® High-Density Storage

SYSTEM COMPONENTS

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



System Measurements

- Actual length: Nominal track length + the nominal width of each end unit + 2" (51mm)
- Actual width: Nominal Shelf length + 3-1/2" (89mm)
- Actual height of system is approximately 87" (2210mm)

It is recommended that the tracks are installed at least 5" (127mm) from the wall.

Mobile Unit Measurements

To accommodate bumpers, the actual size of a mobile unit is 2.5" (63.5 mm) wider than the shelf width shown. For example, an 18" (457 mm) wide unit is actually 20.5" (521 mm).

Choosing shelves: All end, intermediate, and mobile units must be 18" (457 mm) or wider. Choose from MetroMax i, MetroMax 4, or MetroMax Q options.

Stationary End Unit Kit (Choose one kit for each system)

Includes 86" high posts (2184mm) high stationary posts, and hardware necessary for connecting stationary end units to tracks. Shelves are sold separately.

Fits Shelf Width (in.) (mm)	MetroMax Q Steel Posts			MetroMax Polymer Posts		
	Approx. Pkd. Wt. (lbs.) (kg)	Cat. No.	Approx. Pkd. Wt. (lbs.) (kg)	Cat. No.		
18 457	55.4 25.1	MQTTE18	31.0 15.7	MXTTE18		
21 530	55.9 25.4	MQTTE21	31.5 15.9	MXTTE21		
24 610	56.4 25.6	MQTTE24	32.0 16.1	MXTTE24		



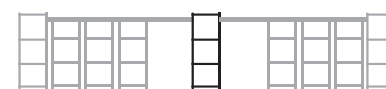
Traditional Configuration with stationary end units. ONE End Unit Kit is required per system. Shelves are ordered separately.

Note: All kits come with plated foot plates. Stainless Steel Foot plates must be ordered separately

Stationary Intermediate Units

Required when overall desired track length exceeds 21' (6405mm). Optional when track length is under 21' (6405mm). Includes 86" high posts (2184mm) high stationary posts, and hardware necessary for connecting one stationary intermediate unit to tracks. Shelves are sold separately.

Fits Shelf Width (in.) (mm)	MetroMax Q Steel Posts			MetroMax Polymer Posts		
	Approx. Pkd. Wt. (lbs.) (kg)	Cat. No.	Approx. Pkd. Wt. (lbs.) (kg)	Cat. No.		
18 457	32.2 14.6	MQTTA18	21.8 9.9	MXTTE18		
21 530	32.7 14.8	MQTTA21	22.3 10.1	MXTTE21		
24 610	33.2 15.1	MQTTA24	22.8 10.3	MXTTE24		



ONE Intermediate Kit (see rules). Shelves are ordered separately.

Note: All kits come with plated foot plates. Stainless Steel Foot plates must be ordered separately

Mobile Units (One kit required per mobile unit)

Includes four 74" (1880mm) high mobile posts, four casters, donut bumpers, guide rollers, and other hardware to assemble a mobile unit. Shelves are sold separately.

Fits Shelf Width (in.) (mm)	MetroMax Q Steel Posts				MetroMax Polymer Posts			
	Approx. Pkd. Wt. (lbs.) (kg)	Cat. No. with Plated Casters	Cat. No. with Stainless Casters	Approx. Pkd. Wt. (lbs.) (kg)	Cat. No. with Plated Casters	Cat. No. with Stainless Casters		
18 457	32.2 14.4	MQTTM18C	MQTTM18S	21.8 10.2	MXTTM18C	MXTTM18S		
21 530	32.7 14.5	MQTTM21C	MQTTM21S	22.3 10.3	MXTTM21C	MXTTM21S		



ONE Mobile kit per mobile unit. Example: (6) needed in the above picture. Shelves are ordered separately.

Note: Casters have polyolefin treads.

Under normal conditions, aisle width of 30"-36" (760-914mm) is recommended. The storage of very large objects within the system, however, may require an aisle width larger than 36" (914mm).



MetroMax® Top-Track® High-Density Storage

Track Sets

Includes tracks and hardware needed to assemble track runs up to 21' (6400mm).

Dimensions Length		Approx. Pkd. Wt.		Super Erecta Brite Cat. No.	Dimensions Length		Approx. Pkd. Wt.		Chrome Cat. No.
(ft.)	(mm)	(lbs.)	(kg)		(ft.)	(mm)	(lbs.)	(kg)	
2.5	762	15.0	6.8	TTS2.5NA	14	4267	98.0	44.1	TTS14NA
6	1828	40.5	18.2	TTS6NA	15	4572	106.5	47.9	TTS15NA
7	2135	47.5	21.3	TTS7NA	16	4877	113.5	51.0	TTS16NA
8	2440	56.0	25.2	TTS8NA	17	5182	121.0	54.4	TTS17NA
9	2743	62.5	28.1	TTS9NA	18	5486	128.0	58.0	TTS18NA
10	3048	69.5	31.2	TTS10NA	19	5791	135.0	60.7	TTS19NA
11	3352	76.5	34.4	TTS11NA	20	6096	142.0	63.9	TTS20NA
12	3657	83.5	37.5	TTS12NA	21	6400	149.0	67.0	TTS21NA
13	3962	92.0	41.4	TTS13NA					

Note: Note: TTS2.5NA includes a joining kit to connect the tracks to other track sets.

For best performance on heavily loaded systems:

- For configurations using shelves 60" (1524mm) or longer and managing heavier loads choose a more rigid shelving option. Wire shelving – Use all SES wire shelves. Polymer Shelving (MetroMax) – Epoxy coated steel posts offer the most rigid configuration.
- Mobile Units: If 18" (457mm) wide mobile units are planned, the maximum allowable size shelf is 60" (1524mm) long. If 18" (457mm) wide by 60" (1524mm) long mobile units are planned, a maximum of five 18" (457mm) mobile units are allowable between two stationary units. 18" (457mm), 21" (530mm) and 24" (610mm) wide mobile units can be intermixed in a given system. The standard system requires 74" (1880mm) posts on the mobile units.
- Weight capacities (evenly distributed) - Mobile Units. Super Erecta, Super Erecta Pro, Super Adjustable, MetroMax Q, MetroMax i: up to 900lbs. (408kg) MetroMax 4: up to 750lbs (340kg)
- When using long tracks, 13ft or longer, securing the stationary units to the floor will help to keep the system in alignment.

Additional Configuration Notes

- Standard Top-Track models include 86" (2185mm) stationary posts and 74" (1880mm) stem caster mobile posts. If a taller system or shorter system is required, consult Metro Engineering.
- Existing Metro Super Erecta, Super Adjustable, Super Erecta Pro, MetroMax Q, MetroMax 4, and MetroMax i shelving units can be retrofitted as part of a Top-Track installation.

Installation Guidelines

- It is recommended that the tracks are installed a minimum of 5" (127mm) from the wall.
- It is the discretion of the user to install the end units to the floor.
- Floor should be level, smooth, and free from cracks and raised objects.
- For new construction, it is recommended that flooring of suitable durability is used in areas where Top-Track will be installed. When such flooring is not an option, floor pad protectors are recommended to protect soft flooring materials from wear and tear.
- Enclosure panels may be used on mobile units. Panels must be mounted to ensure they do not interfere with the tracks. For standard MetroMax Top-Track Mobile Units with 74" (1890mm) posts, use the enclosures for the 63" (1585mm) posts.

Mobile Unit — Space Calculator . (Use to help determine the quantity of mobile units and the open aisle dimension)

Nominal Shelf Depth	Actual Depth with Bumpers	Space Occupied by Each Quantity of Mobile Units										
		qty. 1	qty. 2	qty. 3	qty. 4	qty. 5	qty. 6	qty. 7	qty. 8	qty. 9	qty. 10	qty. 11
(in.) 18	20.5	20.5	41	61.5	82	102.5	123	143.5	64	184.5	205	225.5
(in.) 21	23.5	23.5	47	70.5	94	117.5	141	164.5	188	211.5	—	—
(in.) 24	26.5	26.5	53	79.5	106	132.5	159	185.5	212	—	—	—
(mm) 457	520.5	520.5	1041	1561.5	2082	2602.5	3123	3643.5	4164	4684.5	5205	5725.5
(mm) 530	593.5	593.5	1187	1780.5	2374	2967.5	3561	4154.5	4748	5341.5	—	—
(mm) 610	673.5	673.5	1347	2020.5	2694	3367.5	4041	4714.5	5388	—	—	—

Replacement Parts

Rollers (bag of 4)*

Bumpers for mobile units*

Caster*

Track joining kits

Hardware for track

Footplates*

Model No.

MAXROLL

M9992DBX

5MOOR (plated stem/horn); **5MOORSA** (stainless steel stem/horn)

HDWE-TTJOIN

RPHDWE-TTECAP

9993Z (zinc plated), **9993S** (Stainless Steel)

*Note: compatible with all MetroMax systems, past and present.

Job _____



We put space to work.®

MetroMax® Top-Track® High-Density Storage

Order Guide

- Identify the available floor space
Evaluate Top-Track configurations to fill the space.
The amount of space needed for the Top-Track unit is calculated by using this formula: Nominal track length + Nominal widths of each end unit + 2" (51mm).
- Choose the shelving and desired posts.
Choose **(1) end unit kit** based on shelf depth.
Choose **(1) track set** to fill the space.
Select **shelves**.
- Determine the desired open aisle space.
Reference the Mobile Unit — Space Calculator table on the previous page to select the depth and quantities of mobile units.

Select **mobile unit kits** (including finish for the casters). One needed per mobile unit.
Select **shelves**.

Example: (using MetroMax i)

- 196" (4979mm) of floor space
 $12' \text{ track} + 24" \text{ end} + 24" \text{ end} + 2" = 194"$
 $3657\text{mm} + 610\text{mm} + 610\text{mm} + 51\text{mm} = 4928\text{mm}$
Top-Track system can be assembled to fill 194" (4928mm) length of floor space.
- End unit kit **MXTTE24** (qty. 1)
Grid shelves **MX2448G** (qty. 8)
Solid shelves **MX2448F** (qty. 2)
Track Set **TTS12NA** (qty. 1)
- Desired open aisle is 36" (914mm).
Tracks measure 12' or 144" (3657mm).

Available space for mobile units is:
 $144" - 36" = 108"$ ($3657 - 914 = 2743\text{mm}$)

Each nominal 24" (610mm) unit measures 26.5" (673.5mm) when you include the bumpers.
(4) 26.5" (673.5mm) deep units = 106" (2440mm)

Mobile unit kit **MXTTM24C** (qty. 4)
Grid shelves **MX2448G** (qty. 12)
Solid shelves **MX2448F** (qty. 4)

Top-Track Floor Pad Protectors

- Compensate for soft flooring materials by protecting the floor from normal wear and tear from mobile units.
- To make more applicable for sterile environments a bead of silicone (not included) is recommended to seal the seam between the floor pads and the floor.
- Material: aluminum

Top-Track Wall Mount Bracket

Used to attach one set of tracks to the wall. Eliminates the need for a stationary end unit. Includes one pair of plated wall brackets. Hardware to attach the brackets to the wall is NOT included.

Model No. TTWM

Top-Track Stop Plate Kit

Used in conjunction with the Wall Mount Bracket kit. The aluminum stop plates bolt to the underside of the track next to the wall brackets to prevent mobile units from bumping into the wall.

Model No. TTSTP

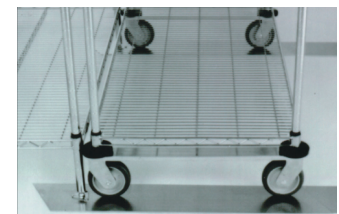
For Track Length			For Track Length		
(ft)	(mm)	Model No.	(ft)	(mm)	Model No.
6	1828	FPS6N	14	4267	FPS14N
7	2135	FPS7N	15	4572	FPS15N
8	2440	FPS8N	16	4877	FPS16N
9	2743	FPS9N	17	5182	FPS17N
10	3048	FPS10N	18	5486	FPS18N
11	3353	FPS11N	19	5791	FPS19N
12	3657	FPS12N	20	6096	FPS20N
13	3962	FPS13N	21	6400	FPS21N



TTWM



TTSTP



Top-Track® Floor Protectors



Item # _____

We put space to work.

Job _____

MetroMax® Top-Track® High-Density Storage

For MetroMax i, MetroMax 4 and MetroMax Q



- Maximizes Storage Capacity:** Top-Track can increase the storage capacity of a given area up to 40%. The system allows more storage units to fit in a defined space. A movable, open aisle allows full access to each entire shelving unit thus eliminating hard to reach or “dead” spaces.
- Easy Access:** The overhead track system guides the mobile units and opens an access aisle between any two units, whenever it is needed. The track is above the storage units enabling easy access for employees or for utility carts, simplifying the material handling task.
- 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.
- Uniquely Interchangeable:** Corrosion resistant MetroMax Q steel posts can improve the overall rigidity of the Top-Track system in higher weight bearing applications. Polymer posts are offer rust-proof performance.
- Clean Design:** Guide tracks are installed overhead enabling easy cleaning of floors. MetroMax shelves feature removable polymer mats. *Microban antimicrobial product protection is built into the high contact areas of the shelving systems — shelf mats, frames, and posts — to inhibit the growth of bacteria, mold, mildew, and fungus that cause odors and product degradation. Microban product protection keeps the shelves and posts “cleaner between cleanings”.
- 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.

The system compensates for uneven floor surfaces. Floor should be smooth and free from large cracks or raised obstacles.

All MetroMax shelving styles are available for Top-Track configurations.

MetroMax i: (heavier duty polymer shelving with stainless corners) most commonly used with polymer posts. See spec sheet 9.20 for more information.

MetroMax 4: all-polymer shelving; most commonly used with polymer posts. See spec sheet 9.22 for more information.

MetroMax Q: (hybrid polymer and wire shelving) most commonly used with epoxy coated steel posts. See spec sheet 9.21 for more information.



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MetroMax® Top-Track® High-Density Storage

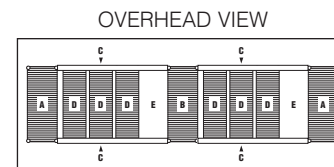
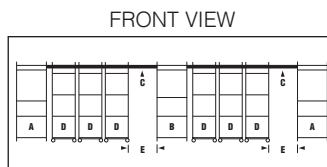
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MetroMax® Top-Track® High-Density Storage

SYSTEM COMPONENTS

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



System Measurements

- Actual length: Nominal track length + the nominal width of each end unit + 2" (51mm)
- Actual width: Nominal Shelf length + 3-1/2" (89mm)
- Actual height of system is approximately 87" (2210mm)

It is recommended that the tracks are installed at least 5" (127mm) from the wall.

Mobile Unit Measurements

To accommodate bumpers, the actual size of a mobile unit is 2.5" (63.5 mm) wider than the shelf width shown. For example, an 18" (457 mm) wide unit is actually 20.5" (521 mm).

Choosing shelves: All end, intermediate, and mobile units must be 18" (457 mm) or wider. Choose from MetroMax i, MetroMax 4, or MetroMax Q options.

Stationary End Unit Kit (Choose one kit for each system)

Includes 86" high posts (2184mm) high stationary posts, and hardware necessary for connecting stationary end units to tracks. Shelves are sold separately.



Traditional Configuration with stationary end units. ONE End Unit Kit is required per system. Shelves are ordered separately.

Fits Shelf Width (in.) (mm)	MetroMax Q Steel Posts			MetroMax Polymer Posts		
	Approx. Pkd. Wt. (lbs.) (kg)	Cat. No.		Approx. Pkd. Wt. (lbs.) (kg)	Cat. No.	
18 457	55.4 25.1	MQTTE18		31.0 15.7	MXTTE18	
21 530	55.9 25.4	MQTTE21		31.5 15.9	MXTTE21	
24 610	56.4 25.6	MQTTE24		32.0 16.1	MXTTE24	

Note: All kits come with plated foot plates. Stainless Steel Foot plates must be ordered separately

Stationary Intermediate Units

Required when overall desired track length exceeds 21' (6405mm). Optional when track length is under 21' (6405mm). Includes 86" high posts (2184mm) high stationary posts, and hardware necessary for connecting one stationary intermediate unit to tracks. Shelves are sold separately.



ONE Intermediate Kit (see rules). Shelves are ordered separately.

Fits Shelf Width (in.) (mm)	MetroMax Q Steel Posts			MetroMax Polymer Posts		
	Approx. Pkd. Wt. (lbs.) (kg)	Cat. No.		Approx. Pkd. Wt. (lbs.) (kg)	Cat. No.	
18 457	32.2 14.6	MQTTA18		21.8 9.9	MXTTA18	
21 530	32.7 14.8	MQTTA21		22.3 10.1	MXTTA21	
24 610	33.2 15.1	MQTTA24		22.8 10.3	MXTTA24	

Note: All kits come with plated foot plates. Stainless Steel Foot plates must be ordered separately

Mobile Units (One kit required per mobile unit)

Includes four 74" (1880mm) high mobile posts, four casters, donut bumpers, guide rollers, and other hardware to assemble a mobile unit. Shelves are sold separately.



ONE Mobile kit per mobile unit. Example: (6) needed in the above picture. Shelves are ordered separately.

Fits Shelf Width (in.) (mm)	Approx. Pkd. Wt. (lbs.) (kg)	MetroMax Q Steel Posts		MetroMax Polymer Posts		
		Cat. No. with Plated Casters	Cat. No. with Stainless Casters	Cat. No. with Plated Casters	Cat. No. with Stainless Casters	
18 457	32.2 14.4	MQTTM18C	MQTTM18S	21.8 10.2	MXTTM18C	MXTTM18S
21 530	32.7 14.5	MQTTM21C	MQTTM21S	22.3 10.3	MXTTM21C	MXTTM21S
24 610	33.2 14.6	MQTTM24C	MQTTM24S	22.8 10.4	MXTTM24C	MQTTM24S

Note: Casters have polyolefin treads.

Under normal conditions, aisle width of 30"-36" (760-914mm) is recommended. The storage of very large objects within the system, however, may require an aisle width larger than 36" (914mm).

MetroMax® Top-Track® High-Density Storage



Track Sets

Includes tracks and hardware needed to assemble track runs up to 21' (6400mm).

Dimensions Length		Approx. Pkd. Wt.		Super Erecta Brite Cat. No.	Dimensions Length		Approx. Pkd. Wt.		Chrome Cat. No.
(ft.)	(mm)	(lbs.)	(kg)		(ft.)	(mm)	(lbs.)	(kg)	
2.5	762	15.0	6.8	TTS2.5NA	14	4267	98.0	44.1	TTS14NA
6	1828	40.5	18.2	TTS6NA	15	4572	106.5	47.9	TTS15NA
7	2135	47.5	21.3	TTS7NA	16	4877	113.5	51.0	TTS16NA
8	2440	56.0	25.2	TTS8NA	17	5182	121.0	54.4	TTS17NA
9	2743	62.5	28.1	TTS9NA	18	5486	128.0	58.0	TTS18NA
10	3048	69.5	31.2	TTS10NA	19	5791	135.0	60.7	TTS19NA
11	3352	76.5	34.4	TTS11NA	20	6096	142.0	63.9	TTS20NA
12	3657	83.5	37.5	TTS12NA	21	6400	149.0	67.0	TTS21NA
13	3962	92.0	41.4	TTS13NA					

Note: Note: TTS2.5NA includes a joining kit to connect the tracks to other track sets.

For best performance on heavily loaded systems:

- For configurations using shelves 60" (1524mm) or longer and managing heavier loads choose a more rigid shelving option. Wire shelving – Use all SES wire shelves. Polymer Shelving (MetroMax) – Epoxy coated steel posts offer the most rigid configuration.
- Mobile Units: If 18" (457mm) wide mobile units are planned, the maximum allowable size shelf is 60" (1524mm) long. If 18" (457mm) wide by 60" (1524mm) long mobile units are planned, a maximum of five 18" (457mm) mobile units are allowable between two stationary units. 18" (457mm), 21" (530mm) and 24" (610mm) wide mobile units can be intermixed in a given system. The standard system requires 74" (1880mm) posts on the mobile units.
- Weight capacities (evenly distributed) - Mobile Units. Super Erecta, Super Erecta Pro, Super Adjustable, MetroMax Q, MetroMax i: up to 900lbs. (408kg) MetroMax 4: up to 750lbs (340kg)
- When using long tracks, 13ft or longer, securing the stationary units to the floor will help to keep the system in alignment.

Additional Configuration Notes

- Standard Top-Track models include 86" (2185mm) stationary posts and 74" (1880mm) stem caster mobile posts. If a taller system or shorter system is required, consult Metro Engineering.
- Existing Metro Super Erecta, Super Adjustable, Super Erecta Pro, MetroMax Q, MetroMax 4, and MetroMax i shelving units can be retrofitted as part of a Top-Track installation.

Installation Guidelines

- It is recommended that the tracks are installed a minimum of 5" (127mm) from the wall.
- It is the discretion of the user to install the end units to the floor.
- Floor should be level, smooth, and free from cracks and raised objects.
- For new construction, it is recommended that flooring of suitable durability is used in areas where Top-Track will be installed. When such flooring is not an option, floor pad protectors are recommended to protect soft flooring materials from wear and tear.
- Enclosure panels may be used on mobile units. Panels must be mounted to ensure they do not interfere with the tracks. For standard MetroMax Top-Track Mobile Units with 74" (1890mm) posts, use the enclosures for the 63" (1585mm) posts.

Mobile Unit — Space Calculator . (Use to help determine the quantity of mobile units and the open aisle dimension)

Nominal Shelf Depth	Actual Depth with Bumpers	Space Occupied by Each Quantity of Mobile Units										
		qty. 1	qty. 2	qty. 3	qty. 4	qty. 5	qty. 6	qty. 7	qty. 8	qty. 9	qty. 10	qty. 11
(in.) 18	20.5	20.5	41	61.5	82	102.5	123	143.5	64	184.5	205	225.5
(in.) 21	23.5	23.5	47	70.5	94	117.5	141	164.5	188	211.5	—	—
(in.) 24	26.5	26.5	53	79.5	106	132.5	159	185.5	212	—	—	—
(mm) 457	520.5	520.5	1041	1561.5	2082	2602.5	3123	3643.5	4164	4684.5	5205	5725.5
(mm) 530	593.5	593.5	1187	1780.5	2374	2967.5	3561	4154.5	4748	5341.5	—	—
(mm) 610	673.5	673.5	1347	2020.5	2694	3367.5	4041	4714.5	5388	—	—	—

Replacement Parts

Rollers (bag of 4)*

Bumpers for mobile units*

Caster*

Track joining kits

Hardware for track

Footplates*

Model No.

MAXROLL

M9992DBX

5MOOR (plated stem/horn); **5MOORSA** (stainless steel stem/horn)

HDWE-TTJOIN

RPHDWE-TTECAP

9993Z (zinc plated), **9993S** (Stainless Steel)

*Note: compatible with all MetroMax systems, past and present.

Job _____

9.29

MetroMax® Top-Track® High-Density Storage



We put space to work.®

Order Guide

1. Identify the available floor space
Evaluate Top-Track configurations to fill the space. The amount of space needed for the Top-Track unit is calculated by using this formula: Nominal track length + Nominal widths of each end unit + 2" (51mm).

2. Choose the shelving and desired posts.
Choose **(1) end unit kit** based on shelf depth.
Choose **(1) track set** to fill the space.
Select **shelves**.

3. Determine the desired open aisle space.
Reference the Mobile Unit — Space Calculator table on the previous page to select the depth and quantities of mobile units.

Select **mobile unit kits** (including finish for the casters). One needed per mobile unit.
Select **shelves**.

Example: (using MetroMax i)

1. 196" (4979mm) of floor space
12' track + 24" end + 24" end + 2" = 194"
3657mm + 610mm + 610mm + 51mm = 4928mm
Top-Track system can be assembled to fill 194"
(4928mm) length of floor space.

2. End unit kit **MXTTE24** (qty. 1)
Grid shelves **MX2448G** (qty. 8)
Solid shelves **MX2448F** (qty. 2)
Track Set **TTS12NA** (qty. 1)

3. Desired open aisle is 36" (914mm).
Tracks measure 12' or 144" (3657mm).

Available space for mobile units is:
144" - 36" = 108" (3657 - 914 = 2743mm)

Each nominal 24" (610mm) unit measures 26.5"
(673.5mm) when you include the bumpers.
(4) 26.5" (673.5mm) deep units = 106" (2440mm)

Mobile unit kit **MXTTM24C** (qty. 4)
Grid shelves **MX2448G** (qty. 12)
Solid shelves **MX2448F** (qty. 4)

Top-Track Floor Pad Protectors

- Compensate for soft flooring materials by protecting the floor from normal wear and tear from mobile units.
- To make more applicable for sterile environments a bead of silicone (not included) is recommended to seal the seam between the floor pads and the floor.
- Material: aluminum

Top-Track Wall Mount Bracket

Used to attach one set of tracks to the wall. Eliminates the need for a stationary end unit. Includes one pair of plated wall brackets. Hardware to attach the brackets to the wall is NOT included.

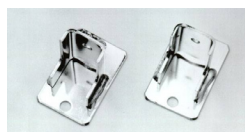
Model No. TTWM

Top-Track Stop Plate Kit

Used in conjunction with the Wall Mount Bracket kit. The aluminum stop plates bolt to the underside of the track next to the wall brackets to prevent mobile units from bumping into the wall.

Model No. TTSTP

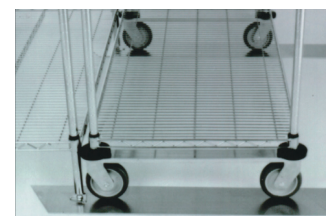
For Track Length (ft)	(mm)	Model No.	For Track Length (ft)	(mm)	Model No.
6	1828	FPS6N	14	4267	FPS14N
7	2135	FPS7N	15	4572	FPS15N
8	2440	FPS8N	16	4877	FPS16N
9	2743	FPS9N	17	5182	FPS17N
10	3048	FPS10N	18	5486	FPS18N
11	3353	FPS11N	19	5791	FPS19N
12	3657	FPS12N	20	6096	FPS20N
13	3962	FPS13N	21	6400	FPS21N



TTWM



TTSTP



Top-Track® Floor Protectors

MetroMax® Top-Track® High-Density Storage



an Ali Group Company



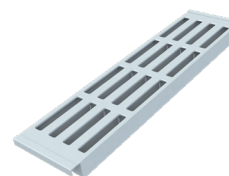
The Spirit of Excellence

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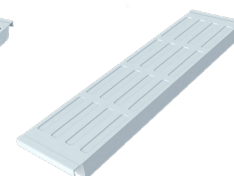
MetroMax® 4 Polymer Shelving

All-polymer corrosion-proof shelving with removable open grid or solid shelf mat sections. Shelves and polymer posts offer a lifetime warranty against rust and corrosion. Shelf mats have built-in Microban® antimicrobial product protection. Rigid four-sided shelf frame and robust corner with complete 360° capture of the wedge and post ensure stability, strength and structural integrity. Stationary units have maximum capacity of 2,000 lbs. (907kg) evenly distributed. Mobile units (with stem casters) offer a maximum total unit load of 750lbs. (340kg). Units assemble easily — shelves mount on four one-piece wedges along grooved, numbered posts. Shelves adjust on 1" (25mm) increments.

- **Rust & Corrosion-Proof:** All-polymer construction withstands moisture, chemicals, and harsh environments.
- **Lifetime:** Polymer shelves and posts offer a Lifetime Warranty against rust and corrosion.
- **Proven Stability:** Proven Metro corner design and rigid four-sided shelf frame deliver sturdy stationary, mobile, or high-density track shelving configurations.
- **Easy-to-Clean:** 6" (152mm) wide shelf mats easily remove from the shelf for cleaning by hand or in a commercial washer / dish machine.
- **Microban® Antimicrobial Product Protection** is built into the shelf mats 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".
- **Smooth, Protective Surfaces:** Smooth, flat surfaces protect packaged shelf contents from unwanted rips, tears, or damage.
- **Weight Load Capacities (Evenly Distributed)**
Shelf up to and including 48" (1220mm) length: 800 lbs. (363kg)
Shelf 54" (1372mm) or longer: 600 lbs. (272kg)
Stationary Unit: 2,000 lbs. (907kg)
Mobile Unit (with stem casters): up to 750 lbs. (340kg).
Multiply the caster load rating by 3 to determine actual rating [not to exceed 750 lbs.(340kg)].
- **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 seats into position over the posts and wedges. A unit can be assembled without tools in minutes.
- **Interchangeable:** Part of MetroMax platform, MetroMax 4 is compatible on the same shelving units with MetroMax i® and MetroMax Q® shelves.
- **Two shelf styles:** All MetroMax 4 shelf mats have a 3/16" (5mm) tall ship's edge built into each end to help contain supplies during mobile applications.
 - **Open Grid:** Promotes air flow and light penetration.
 - **Solid:** Built-in recesses help contain spills. Solid bottom shelf serves as a barrier to dirt and debris.
- **NSF Listed** for all environments.
- **Optional Accessories** are on spec sheet 9.25.



Open Grid Mat



Solid Mat



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.



Supports good
HACCP
processes



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

{9.22}

MetroMax® 4 Polymer Shelving

Material Specifications:

- **Shelf Mats:** Polypropylene. Mats contain Microban® antimicrobial product protection.
- **Longitudinal Beams:** Pultrusions — continuous glass fibers and thermoset resin composite.
- **End Beams, Adjustable Foot and Socket, Shelf Wedge Connector:** Reinforced nylon.
- **Posts:** Pultrusions — continuous glass fibers and thermoset resin composite.
- **Post Cap:** High-density polyethylene.
- **Continuous Temperature Exposure Range** (with shelves under load): -20/120° F (-29/49° C).
For cleaning, the maximum intermittent temperature exposure is 212° F (100° C).



MetroMax 4 Shelves

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

Shelf with Grid Mats Model No.	Approx. Pkd. Wt.		Shelf with Solid Mats Model No.	Approx. Pkd. Wt.		Nominal Size				Actual Size			
	(lbs.)	(kg)		(lbs.)	(kg)	Width (mm)		Length (mm)		Width (mm)		Length (mm)	
MAX4-1824G	6.3	2.9	MAX4-1824F	6.5	3.0	18	457	24	610	18½	470	23 ¹⁵ / ₁₆	608
MAX4-1830G	7.4	3.4	MAX4-1830F	7.7	3.5	18	457	30	762	18½	470	29 ¹⁵ / ₁₆	760
MAX4-1836G	8.8	4.0	MAX4-1836F	9.2	4.2	18	457	36	914	18½	470	35 ¹⁵ / ₁₆	913
MAX4-1842G	9.6	4.3	MAX4-1842F	10.0	4.5	18	457	42	1067	18½	470	41 ¹⁵ / ₁₆	1065
MAX4-1848G	10.8	4.9	MAX4-1848F	11.3	5.1	18	457	48	1219	18½	470	47 ¹⁵ / ₁₆	1218
MAX4-1854G	11.7	5.3	MAX4-1854F	12.3	5.6	18	457	54	1372	18½	470	53 ¹⁵ / ₁₆	1370
MAX4-1860G	12.8	5.8	MAX4-1860F	13.5	6.1	18	457	60	1524	18½	470	59 ¹⁵ / ₁₆	1522
MAX4-2124G	6.9	3.1	MAX4-2124F	7.2	3.2	21	530	24	610	21½	546	23 ¹⁵ / ₁₆	608
MAX4-2130G	8.1	3.7	MAX4-2130F	8.5	3.8	21	530	30	762	21½	546	29 ¹⁵ / ₁₆	760
MAX4-2136G	9.6	4.4	MAX4-2136F	10.1	4.6	21	530	36	914	21½	546	35 ¹⁵ / ₁₆	913
MAX4-2142G	10.5	4.8	MAX4-2142F	11.0	5.0	21	530	42	1067	21½	546	41 ¹⁵ / ₁₆	1065
MAX4-2148G	11.9	5.4	MAX4-2148F	12.5	5.7	21	530	48	1219	21½	546	47 ¹⁵ / ₁₆	1218
MAX4-2154G	12.9	5.9	MAX4-2154F	13.6	6.2	21	530	54	1372	21½	546	53 ¹⁵ / ₁₆	1370
MAX4-2160G	14.2	6.4	MAX4-2160F	15.0	6.8	21	530	60	1524	21½	546	59 ¹⁵ / ₁₆	1522
MAX4-2424G	7.3	3.3	MAX4-2424F	7.8	3.5	24	610	24	610	24½	622	23 ¹⁵ / ₁₆	608
MAX4-2430G	8.8	4.0	MAX4-2430F	9.3	4.2	24	610	30	762	24½	622	29 ¹⁵ / ₁₆	760
MAX4-2436G	10.5	4.8	MAX4-2436F	11.9	5.0	24	610	36	914	24½	622	35 ¹⁵ / ₁₆	913
MAX4-2442G	11.8	5.4	MAX4-2442F	12.3	5.6	24	610	42	1067	24½	622	41 ¹⁵ / ₁₆	1065
MAX4-2448G	13.1	5.9	MAX4-2448F	13.9	6.3	24	610	48	1219	24½	622	47 ¹⁵ / ₁₆	1218
MAX4-2454G	14.3	6.5	MAX4-2454F	15.4	7.0	24	610	54	1372	24½	622	53 ¹⁵ / ₁₆	1370
MAX4-2460G	15.5	7.0	MAX4-2460F	17.0	7.7	24	610	60	1524	24½	622	59 ¹⁵ / ₁₆	1522

Note: Mobile Units taller than 54" (1372mm) require four shelves or more.



x4

Replacement MetroMax 4 Wedges
Cat. No. MAX4-9985
Bag of four wedges

Stationary Posts

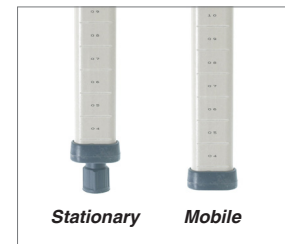
Model No.	Nominal Height		Actual Height*		Approx. Pkd. Wt.	
	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)
MX13P	13	370	14 ³ / ₁₆	360	0.5	0.2
MX27P	27	685	28 ³ / ₁₆	716	0.9	0.4
MX33P	33	875	34 ³ / ₁₆	868	1.0	0.5
MX54P	54	1370	54 ³ / ₁₆	1376	1.6	0.7
MX63P	63	1585	62 ³ / ₁₆	1580	1.8	0.8
MX74P	74	1890	74 ³ / ₁₆	1884	2.2	1.0
MX86P	86	2195	86 ³ / ₁₆	2189	3.0	1.4

*Actual Height with leveling foot completely tightened. Leveling foot can be adjusted up to 1" (25mm) to compensate for uneven floors.

Mobile Posts — for use with stem casters

Model No.	Nominal Height		Actual Height		Approx. Pkd. Wt.	
	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)
MX13UP	13	370	13 ³ / ₁₆	335	0.5	0.2
MX27UP	27	685	27 ³ / ₁₆	691	0.9	0.4
MX33UP	33	875	33 ³ / ₁₆	843	1.0	0.5
MX54UP	54	1370	53 ³ / ₁₆	1351	1.6	0.7
MX63UP	63	1585	61 ³ / ₁₆	1554	1.8	0.8
MX70UP	70	1778	69 ³ / ₁₆	1757	2.0	0.9
MX74UP	74	1890	73 ³ / ₁₆	1859	2.2	1.0
MX86UP	86	2195	85 ³ / ₁₆	2164	3.0	1.4

Consult spec sheet 9.25 for stem casters.



Stationary Mobile

Note: For special height cut posts, consult your Metro representative.

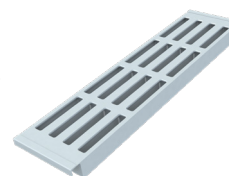
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MetroMax® 4 Polymer Shelving

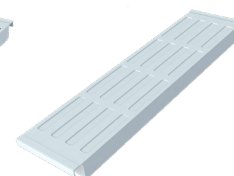


All-polymer corrosion-proof shelving with removable open grid or solid shelf mat sections. Shelves and polymer posts offer a lifetime warranty against rust and corrosion. Shelf mats have built-in Microban® antimicrobial product protection. Rigid four-sided shelf frame and robust corner with complete 360° capture of the wedge and post ensure stability, strength and structural integrity. Stationary units have maximum capacity of 2,000 lbs. (907kg) evenly distributed. Mobile units (with stem casters) offer a maximum total unit load of 750lbs. (340kg). Units assemble easily — shelves mount on four one-piece wedges along grooved, numbered posts. Shelves adjust on 1" (25mm) increments.

- **Rust & Corrosion-Proof:** All-polymer construction withstands moisture, chemicals, and harsh environments.
- **Lifetime:** Polymer shelves and posts offer a Lifetime Warranty against rust and corrosion.
- **Proven Stability:** Proven Metro corner design and rigid four-sided shelf frame deliver sturdy stationary, mobile, or high-density track shelving configurations.
- **Easy-to-Clean:** 6" (152mm) wide shelf mats easily remove from the shelf for cleaning by hand or in a commercial washer / dish machine.
- **Microban® Antimicrobial Product Protection** is built into the shelf mats 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".
- **Smooth, Protective Surfaces:** Smooth, flat surfaces protect packaged shelf contents from unwanted rips, tears, or damage.
- **Weight Load Capacities (Evenly Distributed)**
Shelf up to and including 48" (1220mm) length: 800 lbs. (363kg)
Shelf 54" (1372mm) or longer: 600 lbs. (272kg)
Stationary Unit: 2,000 lbs. (907kg)
Mobile Unit (with stem casters): up to 750 lbs. (340kg).
Multiply the caster load rating by 3 to determine actual rating [not to exceed 750 lbs.(340kg)].
- **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 seats into position over the posts and wedges. A unit can be assembled without tools in minutes.
- **Interchangeable:** Part of MetroMax platform, MetroMax 4 is compatible on the same shelving units with MetroMax i® and MetroMax Q® shelves.
- **Two shelf styles:** All MetroMax 4 shelf mats have a 3/16" (5mm) tall ship's edge built into each end to help contain supplies during mobile applications.
 - **Open Grid:** Promotes air flow and light penetration.
 - **Solid:** Built-in recesses help contain spills. Solid bottom shelf serves as a barrier to dirt and debris.
- **NSF Listed** for all environments.
- **Optional Accessories** are on spec sheet 9.25.



Open Grid Mat



Solid Mat



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Supports good
HACCP
processes



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

{9.22}

MetroMax® 4 Polymer Shelving

Material Specifications:

- **Shelf Mats:** Polypropylene. Mats contain Microban® antimicrobial product protection.
- **Longitudinal Beams:** Pultrusions — continuous glass fibers and thermoset resin composite.
- **End Beams, Adjustable Foot and Socket, Shelf Wedge Connector:** Reinforced nylon.
- **Posts:** Pultrusions — continuous glass fibers and thermoset resin composite.
- **Post Cap:** High-density polyethylene.
- **Continuous Temperature Exposure Range** (with shelves under load): -20/120° F (-29/49° C).
For cleaning, the maximum intermittent temperature exposure is 212° F (100° C).



MetroMax 4 Shelves

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

Shelf with Grid Mats Model No.	Approx. Pkd. Wt.		Shelf with Solid Mats Model No.	Approx. Pkd. Wt.		Nominal Size				Actual Size			
	(lbs.)	(kg)		(lbs.)	(kg)	Width (mm)		Length (mm)		Width (mm)		Length (mm)	
MAX4-1824G	6.3	2.9	MAX4-1824F	6.5	3.0	18	457	24	610	18½	470	23 ¹⁵ / ₁₆	608
MAX4-1830G	7.4	3.4	MAX4-1830F	7.7	3.5	18	457	30	762	18½	470	29 ¹⁵ / ₁₆	760
MAX4-1836G	8.8	4.0	MAX4-1836F	9.2	4.2	18	457	36	914	18½	470	35 ¹⁵ / ₁₆	913
MAX4-1842G	9.6	4.3	MAX4-1842F	10.0	4.5	18	457	42	1067	18½	470	41 ¹⁵ / ₁₆	1065
MAX4-1848G	10.8	4.9	MAX4-1848F	11.3	5.1	18	457	48	1219	18½	470	47 ¹⁵ / ₁₆	1218
MAX4-1854G	11.7	5.3	MAX4-1854F	12.3	5.6	18	457	54	1372	18½	470	53 ¹⁵ / ₁₆	1370
MAX4-1860G	12.8	5.8	MAX4-1860F	13.5	6.1	18	457	60	1524	18½	470	59 ¹⁵ / ₁₆	1522
MAX4-2124G	6.9	3.1	MAX4-2124F	7.2	3.2	21	530	24	610	21½	546	23 ¹⁵ / ₁₆	608
MAX4-2130G	8.1	3.7	MAX4-2130F	8.5	3.8	21	530	30	762	21½	546	29 ¹⁵ / ₁₆	760
MAX4-2136G	9.6	4.4	MAX4-2136F	10.1	4.6	21	530	36	914	21½	546	35 ¹⁵ / ₁₆	913
MAX4-2142G	10.5	4.8	MAX4-2142F	11.0	5.0	21	530	42	1067	21½	546	41 ¹⁵ / ₁₆	1065
MAX4-2148G	11.9	5.4	MAX4-2148F	12.5	5.7	21	530	48	1219	21½	546	47 ¹⁵ / ₁₆	1218
MAX4-2154G	12.9	5.9	MAX4-2154F	13.6	6.2	21	530	54	1372	21½	546	53 ¹⁵ / ₁₆	1370
MAX4-2160G	14.2	6.4	MAX4-2160F	15.0	6.8	21	530	60	1524	21½	546	59 ¹⁵ / ₁₆	1522
MAX4-2424G	7.3	3.3	MAX4-2424F	7.8	3.5	24	610	24	610	24½	622	23 ¹⁵ / ₁₆	608
MAX4-2430G	8.8	4.0	MAX4-2430F	9.3	4.2	24	610	30	762	24½	622	29 ¹⁵ / ₁₆	760
MAX4-2436G	10.5	4.8	MAX4-2436F	11.9	5.0	24	610	36	914	24½	622	35 ¹⁵ / ₁₆	913
MAX4-2442G	11.8	5.4	MAX4-2442F	12.3	5.6	24	610	42	1067	24½	622	41 ¹⁵ / ₁₆	1065
MAX4-2448G	13.1	5.9	MAX4-2448F	13.9	6.3	24	610	48	1219	24½	622	47 ¹⁵ / ₁₆	1218
MAX4-2454G	14.3	6.5	MAX4-2454F	15.4	7.0	24	610	54	1372	24½	622	53 ¹⁵ / ₁₆	1370
MAX4-2460G	15.5	7.0	MAX4-2460F	17.0	7.7	24	610	60	1524	24½	622	59 ¹⁵ / ₁₆	1522

Note: Mobile Units taller than 54" (1372mm) require four shelves or more.



x4

Replacement MetroMax 4 Wedges
Cat. No. MAX4-9985
Bag of four wedges

Stationary Posts

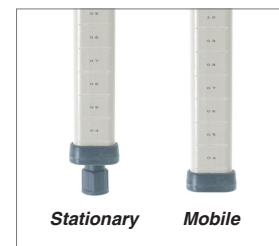
Model No.	Nominal Height		Actual Height*		Approx. Pkd. Wt.	
	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)
MX13P	13	370	14 ³ / ₁₆	360	0.5	0.2
MX27P	27	685	28 ³ / ₁₆	716	0.9	0.4
MX33P	33	875	34 ³ / ₁₆	868	1.0	0.5
MX54P	54	1370	54 ³ / ₁₆	1376	1.6	0.7
MX63P	63	1585	62 ³ / ₁₆	1580	1.8	0.8
MX74P	74	1890	74 ³ / ₁₆	1884	2.2	1.0
MX86P	86	2195	86 ³ / ₁₆	2189	3.0	1.4

*Actual Height with leveling foot completely tightened. Leveling foot can be adjusted up to 1" (25mm) to compensate for uneven floors.

Mobile Posts — for use with stem casters

Model No.	Nominal Height		Actual Height		Approx. Pkd. Wt.	
	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)
MX13UP	13	370	13 ³ / ₁₆	335	0.5	0.2
MX27UP	27	685	27 ³ / ₁₆	691	0.9	0.4
MX33UP	33	875	33 ³ / ₁₆	843	1.0	0.5
MX54UP	54	1370	53 ³ / ₁₆	1351	1.6	0.7
MX63UP	63	1585	61 ³ / ₁₆	1554	1.8	0.8
MX70UP	70	1778	69 ³ / ₁₆	1757	2.0	0.9
MX74UP	74	1890	73 ³ / ₁₆	1859	2.2	1.0
MX86UP	86	2195	85 ³ / ₁₆	2164	3.0	1.4

Consult spec sheet 9.25 for stem casters.



Stationary Mobile

Note: For special height cut posts, consult your Metro representative.



Item # _____

We put space to work.

Job _____

MetroMax® Top-Track® High-Density Storage

For MetroMax i, MetroMax 4 and MetroMax Q



- **Maximizes Storage Capacity:** Top-Track can increase the storage capacity of a given area up to 40%. The system allows more storage units to fit in a defined space. A movable, open aisle allows full access to each entire shelving unit thus eliminating hard to reach or “dead” spaces.
- **Easy Access:** The overhead track system guides the mobile units and opens an access aisle between any two units, whenever it is needed. The track is above the storage units enabling easy access for employees or for utility carts, simplifying the material handling task.
- **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.
- **Uniquely Interchangeable:** Corrosion resistant MetroMax Q steel posts can improve the overall rigidity of the Top-Track system in higher weight bearing applications. Polymer posts are offer rust-proof performance.

- **Clean Design:** Guide tracks are installed overhead enabling easy cleaning of floors. MetroMax shelves feature removable polymer mats. *Microban antimicrobial product protection is built into the high contact areas of the shelving systems — shelf mats, frames, and posts — to inhibit the growth of bacteria, mold, mildew, and fungus that cause odors and product degradation. Microban product protection keeps the shelves and posts “cleaner between cleanings”.
- **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.

The system compensates for uneven floor surfaces. Floor should be smooth and free from large cracks or raised obstacles.

All MetroMax shelving styles are available for Top-Track configurations.

MetroMax i: (heavier duty polymer shelving with stainless corners) most commonly used with polymer posts. See spec sheet 9.20 for more information.

MetroMax 4: all-polymer shelving; most commonly used with polymer posts. See spec sheet 9.22 for more information.

MetroMax Q: (hybrid polymer and wire shelving) most commonly used with epoxy coated steel posts. See spec sheet 9.21 for more information.



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

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

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MetroMax® Top-Track® High-Density Storage

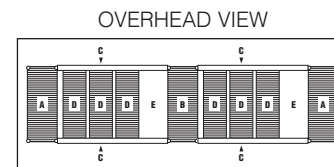
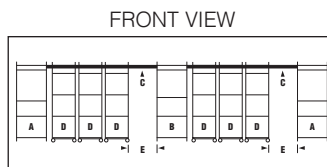
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MetroMax® Top-Track® High-Density Storage

SYSTEM COMPONENTS

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



System Measurements

- Actual length: Nominal track length + the nominal width of each end unit + 2" (51mm)
- Actual width: Nominal Shelf length + 3-1/2" (89mm)
- Actual height of system is approximately 87" (2210mm)

It is recommended that the tracks are installed at least 5" (127mm) from the wall.

Mobile Unit Measurements

To accommodate bumpers, the actual size of a mobile unit is 2.5" (63.5 mm) wider than the shelf width shown. For example, an 18" (457 mm) wide unit is actually 20.5" (521 mm).

Choosing shelves: All end, intermediate, and mobile units must be 18" (457 mm) or wider. Choose from MetroMax i, MetroMax 4, or MetroMax Q options.

Stationary End Unit Kit (Choose one kit for each system)

Includes 86" high posts (2184mm) high stationary posts, and hardware necessary for connecting stationary end units to tracks. Shelves are sold separately.



Traditional Configuration with stationary end units. ONE End Unit Kit is required per system. Shelves are ordered separately.

Fits Shelf Width (in.) (mm)	MetroMax Q Steel Posts			MetroMax Polymer Posts		
	Approx. Pkd. Wt. (lbs.)	(kg)	Cat. No.	Approx. Pkd. Wt. (lbs.)	(kg)	Cat. No.
18 457	55.4	25.1	MQTTE18	31.0	15.7	MXTTE18
21 530	55.9	25.4	MQTTE21	31.5	15.9	MXTTE21
24 610	56.4	25.6	MQTTE24	32.0	16.1	MXTTE24

Note: All kits come with plated foot plates. Stainless Steel Foot plates must be ordered separately

Stationary Intermediate Units

Required when overall desired track length exceeds 21' (6405mm). Optional when track length is under 21' (6405mm). Includes 86" high posts (2184mm) high stationary posts, and hardware necessary for connecting one stationary intermediate unit to tracks. Shelves are sold separately.



ONE Intermediate Kit (see rules). Shelves are ordered separately.

Fits Shelf Width (in.) (mm)	MetroMax Q Steel Posts			MetroMax Polymer Posts		
	Approx. Pkd. Wt. (lbs.)	(kg)	Cat. No.	Approx. Pkd. Wt. (lbs.)	(kg)	Cat. No.
18 457	32.2	14.6	MQTTA18	21.8	9.9	MXTTA18
21 530	32.7	14.8	MQTTA21	22.3	10.1	MXTTA21
24 610	33.2	15.1	MQTTA24	22.8	10.3	MXTTA24

Note: All kits come with plated foot plates. Stainless Steel Foot plates must be ordered separately

Mobile Units (One kit required per mobile unit)

Includes four 74" (1880mm) high mobile posts, four casters, donut bumpers, guide rollers, and other hardware to assemble a mobile unit. Shelves are sold separately.



ONE Mobile kit per mobile unit. Example: (6) needed in the above picture. Shelves are ordered separately.

Fits Shelf Width (in.) (mm)	Approx. Pkd. Wt. (lbs.)	(kg)	MetroMax Q Steel Posts		Approx. Pkd. Wt. (lbs.)	(kg)	MetroMax Polymer Posts	
			Cat. No. with Plated Casters	Cat. No. with Stainless Casters			Cat. No. with Plated Casters	Cat. No. with Stainless Casters
18 457	32.2	14.4	MQTTM18C	MQTTM18S	21.8	10.2	MXTTM18C	MXTTM18S
21 530	32.7	14.5	MQTTM21C	MQTTM21S	22.3	10.3	MXTTM21C	MXTTM21S
24 610	33.2	14.6	MQTTM24C	MQTTM24S	22.8	10.4	MXTTM24C	MQTTM24S

Note: Casters have polyolefin treads.

Under normal conditions, aisle width of 30"-36" (760-914mm) is recommended. The storage of very large objects within the system, however, may require an aisle width larger than 36" (914mm).



MetroMax® Top-Track® High-Density Storage

Track Sets

Includes tracks and hardware needed to assemble track runs up to 21' (6400mm).

Dimensions Length		Approx. Pkd. Wt.		Super Erecta Brite Cat. No.	Dimensions Length		Approx. Pkd. Wt.		Chrome Cat. No.
(ft.)	(mm)	(lbs.)	(kg)		(ft.)	(mm)	(lbs.)	(kg)	
2.5	762	15.0	6.8	TTS2.5NA	14	4267	98.0	44.1	TTS14NA
6	1828	40.5	18.2	TTS6NA	15	4572	106.5	47.9	TTS15NA
7	2135	47.5	21.3	TTS7NA	16	4877	113.5	51.0	TTS16NA
8	2440	56.0	25.2	TTS8NA	17	5182	121.0	54.4	TTS17NA
9	2743	62.5	28.1	TTS9NA	18	5486	128.0	58.0	TTS18NA
10	3048	69.5	31.2	TTS10NA	19	5791	135.0	60.7	TTS19NA
11	3352	76.5	34.4	TTS11NA	20	6096	142.0	63.9	TTS20NA
12	3657	83.5	37.5	TTS12NA	21	6400	149.0	67.0	TTS21NA
13	3962	92.0	41.4	TTS13NA					

Note: Note: TTS2.5NA includes a joining kit to connect the tracks to other track sets.

For best performance on heavily loaded systems:

- For configurations using shelves 60" (1524mm) or longer and managing heavier loads choose a more rigid shelving option. Wire shelving – Use all SES wire shelves. Polymer Shelving (MetroMax) – Epoxy coated steel posts offer the most rigid configuration.
- Mobile Units: If 18" (457mm) wide mobile units are planned, the maximum allowable size shelf is 60" (1524mm) long. If 18" (457mm) wide by 60" (1524mm) long mobile units are planned, a maximum of five 18" (457mm) mobile units are allowable between two stationary units. 18" (457mm), 21" (530mm) and 24" (610mm) wide mobile units can be intermixed in a given system. The standard system requires 74" (1880mm) posts on the mobile units.
- Weight capacities (evenly distributed) - Mobile Units. Super Erecta, Super Erecta Pro, Super Adjustable, MetroMax Q, MetroMax i: up to 900lbs. (408kg) MetroMax 4: up to 750lbs (340kg)
- When using long tracks, 13ft or longer, securing the stationary units to the floor will help to keep the system in alignment.

Additional Configuration Notes

- Standard Top-Track models include 86" (2185mm) stationary posts and 74" (1880mm) stem caster mobile posts. If a taller system or shorter system is required, consult Metro Engineering.
- Existing Metro Super Erecta, Super Adjustable, Super Erecta Pro, MetroMax Q, MetroMax 4, and MetroMax i shelving units can be retrofitted as part of a Top-Track installation.

Installation Guidelines

- It is recommended that the tracks are installed a minimum of 5" (127mm) from the wall.
- It is the discretion of the user to install the end units to the floor.
- Floor should be level, smooth, and free from cracks and raised objects.
- For new construction, it is recommended that flooring of suitable durability is used in areas where Top-Track will be installed. When such flooring is not an option, floor pad protectors are recommended to protect soft flooring materials from wear and tear.
- Enclosure panels may be used on mobile units. Panels must be mounted to ensure they do not interfere with the tracks. For standard MetroMax Top-Track Mobile Units with 74" (1890mm) posts, use the enclosures for the 63" (1585mm) posts.

Mobile Unit — Space Calculator . (Use to help determine the quantity of mobile units and the open aisle dimension)

Nominal Shelf Depth	Actual Depth with Bumpers	Space Occupied by Each Quantity of Mobile Units										
		qty. 1	qty. 2	qty. 3	qty. 4	qty. 5	qty. 6	qty. 7	qty. 8	qty. 9	qty. 10	qty. 11
(in.) 18	20.5	20.5	41	61.5	82	102.5	123	143.5	64	184.5	205	225.5
(in.) 21	23.5	23.5	47	70.5	94	117.5	141	164.5	188	211.5	—	—
(in.) 24	26.5	26.5	53	79.5	106	132.5	159	185.5	212	—	—	—
(mm) 457	520.5	520.5	1041	1561.5	2082	2602.5	3123	3643.5	4164	4684.5	5205	5725.5
(mm) 530	593.5	593.5	1187	1780.5	2374	2967.5	3561	4154.5	4748	5341.5	—	—
(mm) 610	673.5	673.5	1347	2020.5	2694	3367.5	4041	4714.5	5388	—	—	—

Replacement Parts

Rollers (bag of 4)*

Bumpers for mobile units*

Caster*

Track joining kits

Hardware for track

Footplates*

Model No.

MAXROLL

M9992DBX

5MOOR (plated stem/horn); **5MOORSA** (stainless steel stem/horn)

HDWE-TTJOIN

RPHDWE-TTECAP

9993Z (zinc plated), **9993S** (Stainless Steel)

*Note: compatible with all MetroMax systems, past and present.

MetroMax® Top-Track® High-Density Storage



We put space to work.®

Order Guide

1. Identify the available floor space
Evaluate Top-Track configurations to fill the space. The amount of space needed for the Top-Track unit is calculated by using this formula: Nominal track length + Nominal widths of each end unit + 2" (51mm).

2. Choose the shelving and desired posts.
Choose **(1) end unit kit** based on shelf depth.
Choose **(1) track set** to fill the space.
Select **shelves**.

3. Determine the desired open aisle space.
Reference the Mobile Unit — Space Calculator table on the previous page to select the depth and quantities of mobile units.

Select **mobile unit kits** (including finish for the casters). One needed per mobile unit.
Select **shelves**.

Example: (using MetroMax i)

1. 196" (4979mm) of floor space
12' track + 24" end + 24" end + 2" = 194"
3657mm + 610mm + 610mm + 51mm = 4928mm
Top-Track system can be assembled to fill 194"
(4928mm) length of floor space.

2. End unit kit **MXTTE24** (qty. 1)
Grid shelves **MX2448G** (qty. 8)
Solid shelves **MX2448F** (qty. 2)
Track Set **TTS12NA** (qty. 1)

3. Desired open aisle is 36" (914mm).
Tracks measure 12' or 144" (3657mm).

Available space for mobile units is:
144" - 36" = 108" (3657 - 914 = 2743mm)

Each nominal 24" (610mm) unit measures 26.5"
(673.5mm) when you include the bumpers.
(4) 26.5" (673.5mm) deep units = 106" (2440mm)

Mobile unit kit **MXTTM24C** (qty. 4)
Grid shelves **MX2448G** (qty. 12)
Solid shelves **MX2448F** (qty. 4)

Top-Track Floor Pad Protectors

- Compensate for soft flooring materials by protecting the floor from normal wear and tear from mobile units.
- To make more applicable for sterile environments a bead of silicone (not included) is recommended to seal the seam between the floor pads and the floor.
- Material: aluminum

Top-Track Wall Mount Bracket

Used to attach one set of tracks to the wall. Eliminates the need for a stationary end unit. Includes one pair of plated wall brackets. Hardware to attach the brackets to the wall is NOT included.

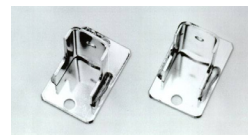
Model No. TTWM

Top-Track Stop Plate Kit

Used in conjunction with the Wall Mount Bracket kit. The aluminum stop plates bolt to the underside of the track next to the wall brackets to prevent mobile units from bumping into the wall.

Model No. TTSTP

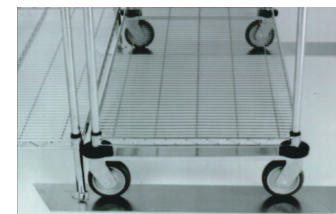
For Track Length (ft)	(mm)	Model No.	For Track Length (ft)	(mm)	Model No.
6	1828	FPS6N	14	4267	FPS14N
7	2135	FPS7N	15	4572	FPS15N
8	2440	FPS8N	16	4877	FPS16N
9	2743	FPS9N	17	5182	FPS17N
10	3048	FPS10N	18	5486	FPS18N
11	3353	FPS11N	19	5791	FPS19N
12	3657	FPS12N	20	6096	FPS20N
13	3962	FPS13N	21	6400	FPS21N



TTWM



TTSTP



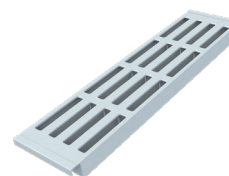
Top-Track® Floor Protectors

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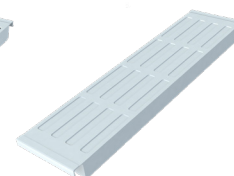
MetroMax® 4 Polymer Shelving

All-polymer corrosion-proof shelving with removable open grid or solid shelf mat sections. Shelves and polymer posts offer a lifetime warranty against rust and corrosion. Shelf mats have built-in Microban® antimicrobial product protection. Rigid four-sided shelf frame and robust corner with complete 360° capture of the wedge and post ensure stability, strength and structural integrity. Stationary units have maximum capacity of 2,000 lbs. (907kg) evenly distributed. Mobile units (with stem casters) offer a maximum total unit load of 750lbs. (340kg). Units assemble easily — shelves mount on four one-piece wedges along grooved, numbered posts. Shelves adjust on 1" (25mm) increments.

- **Rust & Corrosion-Proof:** All-polymer construction withstands moisture, chemicals, and harsh environments.
- **Lifetime:** Polymer shelves and posts offer a Lifetime Warranty against rust and corrosion.
- **Proven Stability:** Proven Metro corner design and rigid four-sided shelf frame deliver sturdy stationary, mobile, or high-density track shelving configurations.
- **Easy-to-Clean:** 6" (152mm) wide shelf mats easily remove from the shelf for cleaning by hand or in a commercial washer / dish machine.
- **Microban® Antimicrobial Product Protection** is built into the shelf mats 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".
- **Smooth, Protective Surfaces:** Smooth, flat surfaces protect packaged shelf contents from unwanted rips, tears, or damage.
- **Weight Load Capacities (Evenly Distributed)**
Shelf up to and including 48" (1220mm) length: 800 lbs. (363kg)
Shelf 54" (1372mm) or longer: 600 lbs. (272kg)
Stationary Unit: 2,000 lbs. (907kg)
Mobile Unit (with stem casters): up to 750 lbs. (340kg).
Multiply the caster load rating by 3 to determine actual rating [not to exceed 750 lbs.(340kg)].
- **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 seats into position over the posts and wedges. A unit can be assembled without tools in minutes.
- **Interchangeable:** Part of MetroMax platform, MetroMax 4 is compatible on the same shelving units with MetroMax i® and MetroMax Q® shelves.
- **Two shelf styles:** All MetroMax 4 shelf mats have a $\frac{3}{16}$ " (5mm) tall ship's edge built into each end to help contain supplies during mobile applications.
 - **Open Grid:** Promotes air flow and light penetration.
 - **Solid:** Built-in recesses help contain spills. Solid bottom shelf serves as a barrier to dirt and debris.
- **NSF Listed** for all environments.
- **Optional Accessories** are on spec sheet 9.25.



Open Grid Mat



Solid Mat



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.



Supports good
HACCP
processes



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

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MetroMax® 4 Polymer Shelving

Material Specifications:

- **Shelf Mats:** Polypropylene. Mats contain Microban® antimicrobial product protection.
- **Longitudinal Beams:** Pultrusions — continuous glass fibers and thermoset resin composite.
- **End Beams, Adjustable Foot and Socket, Shelf Wedge Connector:** Reinforced nylon.
- **Posts:** Pultrusions — continuous glass fibers and thermoset resin composite.
- **Post Cap:** High-density polyethylene.
- **Continuous Temperature Exposure Range** (with shelves under load): -20/120° F (-29/49° C).
For cleaning, the maximum intermittent temperature exposure is 212° F (100° C).



MetroMax 4 Shelves

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

Shelf with Grid Mats Model No.	Approx. Pkd. Wt.		Shelf with Solid Mats Model No.	Approx. Pkd. Wt.		Nominal Size				Actual Size			
	(lbs.)	(kg)		(lbs.)	(kg)	Width (mm)		Length (mm)		Width (mm)		Length (mm)	
MAX4-1824G	6.3	2.9	MAX4-1824F	6.5	3.0	18	457	24	610	18½	470	23 ¹⁵ / ₁₆	608
MAX4-1830G	7.4	3.4	MAX4-1830F	7.7	3.5	18	457	30	762	18½	470	29 ¹⁵ / ₁₆	760
MAX4-1836G	8.8	4.0	MAX4-1836F	9.2	4.2	18	457	36	914	18½	470	35 ¹⁵ / ₁₆	913
MAX4-1842G	9.6	4.3	MAX4-1842F	10.0	4.5	18	457	42	1067	18½	470	41 ¹⁵ / ₁₆	1065
MAX4-1848G	10.8	4.9	MAX4-1848F	11.3	5.1	18	457	48	1219	18½	470	47 ¹⁵ / ₁₆	1218
MAX4-1854G	11.7	5.3	MAX4-1854F	12.3	5.6	18	457	54	1372	18½	470	53 ¹⁵ / ₁₆	1370
MAX4-1860G	12.8	5.8	MAX4-1860F	13.5	6.1	18	457	60	1524	18½	470	59 ¹⁵ / ₁₆	1522
MAX4-2124G	6.9	3.1	MAX4-2124F	7.2	3.2	21	530	24	610	21½	546	23 ¹⁵ / ₁₆	608
MAX4-2130G	8.1	3.7	MAX4-2130F	8.5	3.8	21	530	30	762	21½	546	29 ¹⁵ / ₁₆	760
MAX4-2136G	9.6	4.4	MAX4-2136F	10.1	4.6	21	530	36	914	21½	546	35 ¹⁵ / ₁₆	913
MAX4-2142G	10.5	4.8	MAX4-2142F	11.0	5.0	21	530	42	1067	21½	546	41 ¹⁵ / ₁₆	1065
MAX4-2148G	11.9	5.4	MAX4-2148F	12.5	5.7	21	530	48	1219	21½	546	47 ¹⁵ / ₁₆	1218
MAX4-2154G	12.9	5.9	MAX4-2154F	13.6	6.2	21	530	54	1372	21½	546	53 ¹⁵ / ₁₆	1370
MAX4-2160G	14.2	6.4	MAX4-2160F	15.0	6.8	21	530	60	1524	21½	546	59 ¹⁵ / ₁₆	1522
MAX4-2424G	7.3	3.3	MAX4-2424F	7.8	3.5	24	610	24	610	24½	622	23 ¹⁵ / ₁₆	608
MAX4-2430G	8.8	4.0	MAX4-2430F	9.3	4.2	24	610	30	762	24½	622	29 ¹⁵ / ₁₆	760
MAX4-2436G	10.5	4.8	MAX4-2436F	11.9	5.0	24	610	36	914	24½	622	35 ¹⁵ / ₁₆	913
MAX4-2442G	11.8	5.4	MAX4-2442F	12.3	5.6	24	610	42	1067	24½	622	41 ¹⁵ / ₁₆	1065
MAX4-2448G	13.1	5.9	MAX4-2448F	13.9	6.3	24	610	48	1219	24½	622	47 ¹⁵ / ₁₆	1218
MAX4-2454G	14.3	6.5	MAX4-2454F	15.4	7.0	24	610	54	1372	24½	622	53 ¹⁵ / ₁₆	1370
MAX4-2460G	15.5	7.0	MAX4-2460F	17.0	7.7	24	610	60	1524	24½	622	59 ¹⁵ / ₁₆	1522

Note: Mobile Units taller than 54" (1372mm) require four shelves or more.



x4

Replacement MetroMax 4 Wedges
Cat. No. MAX4-9985
Bag of four wedges

Stationary Posts

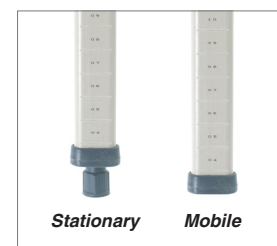
Model No.	Nominal Height		Actual Height*		Approx. Pkd. Wt.	
	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)
MX13P	13	370	14 ³ / ₁₆	360	0.5	0.2
MX27P	27	685	28 ³ / ₁₆	716	0.9	0.4
MX33P	33	875	34 ³ / ₁₆	868	1.0	0.5
MX54P	54	1370	54 ³ / ₁₆	1376	1.6	0.7
MX63P	63	1585	62 ³ / ₁₆	1580	1.8	0.8
MX74P	74	1890	74 ³ / ₁₆	1884	2.2	1.0
MX86P	86	2195	86 ³ / ₁₆	2189	3.0	1.4

*Actual Height with leveling foot completely tightened. Leveling foot can be adjusted up to 1" (25mm) to compensate for uneven floors.

Mobile Posts — for use with stem casters

Model No.	Nominal Height		Actual Height		Approx. Pkd. Wt.	
	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)
MX13UP	13	370	13 ³ / ₁₆	335	0.5	0.2
MX27UP	27	685	27 ³ / ₁₆	691	0.9	0.4
MX33UP	33	875	33 ³ / ₁₆	843	1.0	0.5
MX54UP	54	1370	53 ³ / ₁₆	1351	1.6	0.7
MX63UP	63	1585	61 ³ / ₁₆	1554	1.8	0.8
MX70UP	70	1778	69 ³ / ₁₆	1757	2.0	0.9
MX74UP	74	1890	73 ³ / ₁₆	1859	2.2	1.0
MX86UP	86	2195	85 ³ / ₁₆	2164	3.0	1.4

Consult spec sheet 9.25 for stem casters.



Stationary Mobile

Note: For special height cut posts, consult your Metro representative.

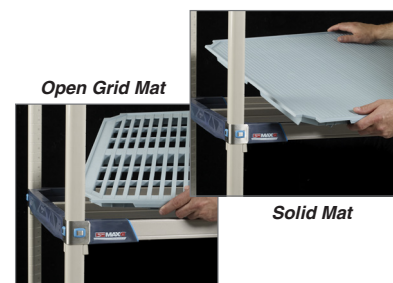
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MetroMax® i Polymer Shelving



All polymer corrosion-proof shelving constructed of advanced polymers and Type 304 stainless corners. Open grid or solid shelf mats easily lift off the shelf frames. Shelves and polymer posts offer a lifetime warranty against rust and corrosion. Shelf mats have built-in Microban® antimicrobial product protection. Shelf has a rigid four-sided frame with center truss. 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 numbered, grooved posts and adjust on 1" (25mm) increments.

- **Rust & Corrosion-Proof:** All-polymer and Type 304 stainless design withstands moisture, chemicals, and harsh environments.
- **Forever Guarantee:** Lifetime warranty against rust and corrosion.
- **Maximum Strength:** Proven corner connection and rigid four-sided frame with center truss assure stability and strength in stationary, mobile, and high-density track shelving configurations.
1000 lbs. (454kg) per shelf for lengths of 24" to 48" (610 to 1219mm)
750 lbs. (340kg) 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.
- **Easiest to Clean:** Smooth surfaces easily wipe clean. 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 to help fight the growth of stain and odor-causing bacteria, fungi, mold, and mildew to keep product cleaner between cleanings.
- **Smooth, Protective Surfaces:** Smooth, flat surfaces protect packaged shelf contents from unwanted rips, tears, or damage.
- **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 seats into position over the posts and wedges. A unit can be assembled without tools in minutes.
- **Interchangeable:** Part of the MetroMax platform, corrosion proof MetroMax i shelves are compatible on the same shelving units with MetroMax Q and MetroMax 4 shelves.
- **Robust Open Grid and Solid Mat Options:** Shelf mats are sturdy and safely support concentrated loads from instrumentation and equipment. Built-in ship's edge helps contain supplies in mobile applications.
Open grid mats are sectioned and promote air circulation and light penetration.
One-piece solid mats offer maximum spill retention and are ideal to protect items on the bottom shelf from dirt or backsplashes from cleaning floors.
Note: 72" L (1829mm) solid shelf has two mat sections.
- **NSF Listed** for all environments.
- **Maximum Versatility:** complete line of accessories are found on spec sheet 9.25.



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.



Supports good
HACCP
processes



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

{9.20}

MetroMax® i Polymer Shelving



Material Specifications:

- **Shelf Mats:** Polypropylene with built-in Microban antimicrobial product protection.
- **Longitudinal Beams:** Pultrusions — continuous glass fibers and thermoset resin composite.
- **End Beams, Adjustable Foot and Socket, Shelf Wedge Connector:** Reinforced nylon.
- **Fasteners:** Type 304 stainless steel screws.
- **Posts:** Pultrusions — continuous glass fibers and thermoset resin composite.
- **Post Cap and Center Beam Cap:** High-density polyethylene.
- **“S” Hook Tab Hole Plug:** Vinyl.
- **Collar and “S” Hook:** Type 304 stainless steel.
- **Continuous Temperature:** MetroMax i® can be used continuously within a range of -20/120° F (-29/49° C) with intermittent exposure to 212° F (100° C) for cleaning.



x4

**Replacement
MetroMax i Wedges**
Cat. No. **MX9985**
Bag of 4 wedges

Standard Shelves

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

Shelf with Grid Mats Model No.	Approx. Pkd. Wt.		Shelf with Solid Mat Model No.	Approx. Pkd. Wt.		Nominal Size		Actual Size					
	(lbs.)	(kg)		(lbs.)	(kg)	Width (in.)	Length (mm)	Width (in.)	Length (mm)	Width (mm)	Length (mm)		
MX1824G	8.7	4.0	MX1824F	12.7	5.8	18	457	24	610	18 ³ / ₄	464	23 ¹¹ / ₁₆	602
MX1830G	10.5	4.7	MX1830F	14.5	6.6	18	457	30	762	18 ³ / ₄	464	29 ¹ / ₁₆	754
MX1836G	12.2	5.5	MX1836F	17.2	7.8	18	457	36	914	18 ³ / ₄	464	35 ¹¹ / ₁₆	907
MX1842G	13.9	6.3	MX1842F	20.1	9.1	18	457	42	1067	18 ³ / ₄	464	41 ¹¹ / ₁₆	1059
MX1848G	15.7	7.1	MX1848F	23.1	10.5	18	457	48	1219	18 ³ / ₄	464	47 ¹¹ / ₁₆	1211
MX1854G	17.5	7.9	MX1854F	21.5	9.7	18	457	54	1372	18 ³ / ₄	464	53 ¹¹ / ₁₆	1364
MX1860G	19.2	8.7	MX1860F	23.2	10.5	18	457	60	1524	18 ³ / ₄	464	59 ¹¹ / ₁₆	1516
MX1872G	22.5	10.2	MX1872F	27.5	12.5	18	457	72	1829	18 ³ / ₄	464	71 ¹¹ / ₁₆	1821
MX2424G	12.2	5.5	MX2424F	14.2	6.4	24	610	24	610	24 ¹ / ₄	616	23 ¹¹ / ₁₆	602
MX2430G	13.9	6.3	MX2430F	15.9	7.2	24	610	30	762	24 ¹ / ₄	616	29 ¹¹ / ₁₆	754
MX2436G	15.6	7.1	MX2436F	19.6	8.9	24	610	36	914	24 ¹ / ₄	616	35 ¹¹ / ₁₆	907
MX2442G	17.5	7.9	MX2442F	21.5	9.8	24	610	42	1067	24 ¹ / ₄	616	41 ¹¹ / ₁₆	1059
MX2448G	19.3	8.7	MX2448F	25.3	11.5	24	610	48	1219	24 ¹ / ₄	616	47 ¹¹ / ₁₆	1211
MX2454G	21.0	9.5	MX2454F	25.0	11.3	24	610	54	1372	24 ¹ / ₄	616	53 ¹¹ / ₁₆	1364
MX2460G	22.8	10.3	MX2460F	26.8	12.1	24	610	60	1524	24 ¹ / ₄	616	59 ¹¹ / ₁₆	1516
MX2472G	26.0	11.8	MX2472F	31.0	14.1	24	610	72	1829	24 ¹ / ₄	616	71 ¹¹ / ₁₆	1821

Heavy-Duty Dunnage Shelves

- Weight capacity per shelf evenly distributed: 1,200 lbs. (544kg) on shelves up to and including 48" (1220mm) long; 900 lbs. (408kg) for shelves 54" (1370mm) and longer.
- Dunnage shelves are recommended for use on units with four posts, not as part of an add-on unit with two posts.

Shelf with Grid Mat Model No.	Nominal Size		Approx. Pkd. Wt. (lbs.) (kg)
	Width (in.) (mm)	Length (in.) (mm)	
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

Stationary Posts

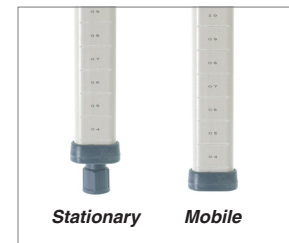
Model No.	Nominal Height		Actual Height*		Approx. Pkd. Wt.	
	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)
MX13P	13	370	14 ³ / ₁₆	360	0.5	0.2
MX27P	27	685	28 ³ / ₁₆	716	0.9	0.4
MX33P	33	875	34 ³ / ₁₆	868	1.0	0.5
MX54P	54	1370	54 ³ / ₁₆	1376	1.6	0.7
MX63P	63	1585	62 ³ / ₁₆	1580	1.8	0.8
MX74P	74	1890	74 ³ / ₁₆	1884	2.2	1.0
MX86P	86	2195	86 ³ / ₁₆	2189	3.0	1.4

*Actual Height with leveling foot completely tightened. Leveling foot can be adjusted up to 1" (25mm) to compensate for uneven floors.

Mobile Posts — for use with stem casters

Model No.	Nominal Height		Actual Height		Approx. Pkd. Wt.	
	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)
MX9UP	9	228	9 ³ / ₁₆	233	0.3	0.15
MX13UP	13	370	13 ³ / ₁₆	335	0.5	0.2
MX27UP	27	685	27 ³ / ₁₆	691	0.9	0.4
MX33UP	33	875	33 ³ / ₁₆	843	1.0	0.5
MX54UP	54	1370	53 ³ / ₁₆	1351	1.6	0.7
MX63UP	63	1585	61 ³ / ₁₆	1554	1.8	0.8
MX70UP	70	1778	69 ³ / ₁₆	1757	2.0	0.9
MX74UP	74	1890	73 ³ / ₁₆	1859	2.2	1.0
MX86UP	86	2195	85 ³ / ₁₆	2164	3.0	1.4

Consult spec sheet 9.25 for stem casters.



Stationary **Mobile**

Note: For special height cut posts, consult your Metro representative.



Item # _____

We put space to work.

Job _____

Metro® Stem Casters - MetroMax®

Metro Stem-Type Casters are designed to fit MetroMax posts to form shelf carts and other mobile units. Bumpers are included.

Plated Casters with High Modulus treads

- Non marking high modulus donut tread and polyolefin hub. Plated horns, stems, axles, and brakes (optional) are appropriate for dry environments and for medium duty applications. Ball bearing swivel and axle. NSF listed. Bumpers included. Brake style: pedal brake.
- TPR tread (70 shore): Quieter than polyurethane and resilient rubber caster options.

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg.)	Type	Wheel Tread	Temperature range (Continuous usage)		Apprx. Pkd. Wt.		MetroMax Cat. No.		
					(Fahrenheit)	(Celsius)	(lbs.)	(kg.)			
5	1.25	32	250	113	Stem/Swivel	High Modulus Donut	-20° - 180°	-29° - 82°	2.2	1.0	5MDXA
5	1.25	32	250	113	Stem/Brake	High Modulus Donut	-20° - 180°	-29° - 82°	2.4	1.1	5MDBXA
5	1.25	32	250	113	Stem/Rigid	High Modulus Donut	-20° - 180°	-29° - 82°	2.2	1.0	5MDXRA

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



For all rigid casters.

Rigid stem casters improve tracking and handling of mobile units over long distances. Rigid caster channels are selected at the time of order.

How to Order:

Order (2) Rigid Casters
Select Rigid Channel based on the depth of the shelving. (Provided at no charge)

Bumpers are included with each caster.



Plated Casters with Polyurethane Tread

- Chrome plated horns, stems, axles, and brakes (optional) are appropriate for dry environments and for medium duty applications. Non marking polyurethane flat tread and polyethylene hub. Ball bearing swivel and axle. NSF listed. Bumpers included. Brake style: side brake.

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg.)	Type	Wheel Tread	Temperature range (Continuous usage)		Apprx. Pkd. Wt.		Cat. No.		
					(Fahrenheit)	(Celsius)	(lbs.)	(kg.)			
5	1.25	32	300	135	Stem/Swivel	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.5	1.1	5MPX
5	1.25	32	300	135	Stem/Brake	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.7	1.2	5MPBX
5	1.25	32	300	135	Stem/Rigid	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.4	1.1	5MPRX

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



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

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Stem Casters - MetroMax

Plated Casters with resilient rubber treads

- Solid resilient rubber material. Plated horns, stems, axles, and brakes (optional) are appropriate for dry environments and for medium duty applications. Ball bearing swivel. NSF listed. Bumpers included. Brake style: side brake.

Wheel Diameter		Face		Load Rating		Type	Wheel Tread	Temperature range (Continuous usage)		Apprx. Pkd. Wt.		Cat. No.
(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg.)			(Fahrenheit)	(Celsius)	(lbs.)	(kg.)	
5	127	1-1/4	32	200	90	Stem/Swivel	Resilient, Flat	-20° - 160°	-29° - 71°	2.9	1.3	5MX
5	127	1-1/4	32	200	90	Stem/Brake	Resilient, Flat	-20° - 160°	-29° - 71°	3.1	1.4	5MBX
5	127	1-1/4	32	200	90	Stem/Rigid	Resilient, Flat	-20° - 160°	-29° - 71°	2.9	1.3	5MRX

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



5MX



5MBX



5MRX

**Bumpers are included
with each caster.**

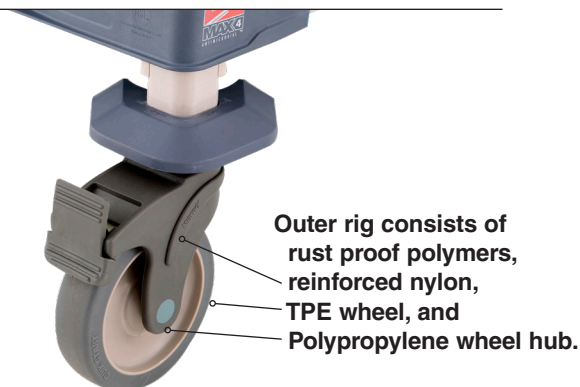




Stem Casters - MetroMax

Polymer & Stainless Total-Guard Caster

- High rust protection: Reinforced nylon rig with Stainless Steel stem and hardware.
- Maintenance Free: Sealed swivel SS ball bearings and Delrin axle bearings.
- Swivel and Total Lock Brake options.
- Pedal brake locks the wheel and the swivel motion. More control than conventional stem casters with wheel brakes only.
- Non-marking Thermoplastic Elastomer [TPE] tread (70 shore) is quieter and more shock absorbent than a TPU tread.



Wheel Diameter		Face		Load Rating		Type	Wheel Tread	Temperature range (continuous)		Apprx. Pkd. Wt.		Model No.
(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)			(Fahrenheit)	(Celsius)	(lbs.)	(kg)	
5	127	1.25	32	250	113	Stem/Swivel	TPE, Flat	-20° - 120°	-29° - 49°	1.8	0.8	5PSTEX
5	127	1.25	32	250	113	Stem/Brake	TPE, Flat	-20° - 120°	-29° - 49°	2.0	0.9	5PSTEBX

Best uses...

- Best suited for use with MetroMax and Metroseal shelving
- Best tread for high humidity controlled environments
- Excellent Corrosion Resistance
- Excellent Chemical Resistance
- Best option for aquatic facilities (environments with high salt exposure)
- Low magnetism: Best option for MRI and RFID applications
- A good option for cart wash chamber cleaning processes.

Where not to use...

- Tread not suited for exposure to acids or petroleum based chemicals.



5PSTEX
Swivel



5PSTEBX
Total Lock

Standard Polymer Casters

- Basic corrosion protection: Reinforced nylon rig with chromate plated stem and swivel raceway
- Maintenance Free: Sealed swivel ball bearings and Delrin axle bearings
- Swivel, Total-Lock Brake, and Rigid options
- Pedal brake locks the wheel AND swivel motion
- Non-marking polyurethane (TPU) tread
- Optional Models with built-in antimicrobial TPU tread

Bumpers are included with each caster.



Wheel Diameter		Face		Load Rating		Type	Wheel Tread	Temperature range (continuous)		Apprx. Pkd. Wt.		MetroMax Model No.
(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)			(Fahrenheit)	(Celsius)	(lbs.)	(kg)	
5	127	1.25	32	300	135	Stem/Swivel	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.1	1.0	5PCX
5	127	1.25	32	300	135	Stem/Brake	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.3	1.0	5PCBX
5	127	1.25	32	300	135	Stem/Rigid	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.1	1.0	5PCRX
5	127	1.25	32	300	135	Stem/Swivel	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.0	0.9	5PCXM
5	127	1.25	32	300	135	Stem/Brake	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.2	1.0	5PCBXM

Tread with built-in antimicrobial.

Note: Rigid connecting channel (aluminum): Cat. No. P14RC, P18RC, P21RC, P24RC.

Best uses...

- Basic Corrosion Protection versus common industrial casters
- Good Chemical Resistance

Where not to use...

- Not suited for areas with spray sterilization processes on regular basis
- Not suited for high humidity controlled environments
- Not suited for high temperature cart wash chambers



5PCX
Swivel



5PCBX
Swivel & Brake



5PCXM
Antimicrobial
Tread Swivel



5PCBXM
Antimicrobial
Tread Swivel
Brake

Job _____



Stem Casters - MetroMax

We put space to work.

Premium Type 304 Stainless Steel Casters

- Type 304 Stainless Steel Rig, Hardware and SS bearings.
- Non-marking Treads
- Swivel, Brake, and Rigid Options
- Pedal brake locks the wheel

Bumpers are included with each caster.



Polyurethane (TPU) Tread Models

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg)		Type	Wheel Tread	Temperature range (continuous) (Fahrenheit) (Celsius)		Apprx. Pkd. Wt. (lbs.) (kg)		MetroMax Model No.		
5	127	1.25	32	300	135	Stem/Swivel	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.3	1.0	5MPXGSA
5	127	1.25	32	300	135	Stem/Brake	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.5	1.1	5MPBXGSA
5	127	1.25	32	300	135	Stem/Rigid	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.3	1.0	5MPRXGSA

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



5MPXGSA



5MPBXGSA



5MPRXGSA

Best uses...

- Best suited for high temperature cart wash chambers up to 180F (82C) when paired with Stainless Steel Shelving.
- Moving heavy loads regularly (90 shore TPU tread)
- High impact mobile uses (elevators, thresholds, ramps)
- Excellent Corrosion Resistance
- Excellent Chemical Resistance

Thermoplastic Rubber (TPR) Tread Models

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg)		Type	Wheel Tread	Temperature range (continuous) (Fahrenheit) (Celsius)		Apprx. Pkd. Wt. (lbs.) (kg)		MetroMax Model No.		
5	127	1.25	32	250	113	Stem/Swivel	TPR donut	-20° - 180°	-29° - 82°	2.4	1.1	5MDGSXA
5	127	1.25	32	250	113	Stem/Brake	TPR donut	-20° - 180°	-29° - 82°	2.6	1.2	5MDBGSXA
5	127	1.25	32	250	113	Stem/Rigid	TPR donut	-20° - 180°	-29° - 82°	2.4	1.1	5MDRGSXA

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



5MDGSXA



5MDBGSXA



5MDRGSXA

Best uses...

- Best tread for high humidity controlled environments
- Excellent Corrosion Resistance
- Excellent Chemical Resistance
- Softer TPR donut tread (70 shore) is more shock absorbent than TPU

Where not to use...

- Tread not suited for exposure to acids or petroleum based chemicals.

Maintenance - Stainless Casters

- TPU tread swivel and swivel/brake models: Swivel raceway has a grease fitting. The axle has sealed bearings that do not require additional lubrication.
- TPR tread swivel and swivel/brake models: swivel raceway and axles have grease fittings. Rigid caster model has an axle with a grease fitting.
- User should determine the frequency of maintenance based on their usage conditions.

Job _____



Stem Casters - MetroMax

We put space to work.®

- **Swivel and Swivel/Brake casters** rotate a full 360 degrees for easy maneuvering.
- **Brakes:** Wheel brakes are foot operated.
- **Bumpers:** Non Phthalate vinyl material is strong yet flexible to protect walls from damage. Each caster, except where noted, includes a 3-1/2" (89mm) diameter bumper. Optional 5" (127mm) diameter bumpers are available.
- **Weight Load Capacity** of a cart (evenly distributed): Caster Load Rating x 3.

Caster Wheel Material Guide

Caster Tread	Grease/Oil Resistance	Floor Protection	Load Rating	Key Advantage
Resilient Rubber	Low	High	200 lbs. (90kg)	Basic mobility.
High Modulus Rubber	High	High	250 lbs. (113kg)	Quieter than resilient rubber and polyurethane. Well suited for environments with constant exposure to moisture and/or high humidity.
Polyurethane	High	High	300 lbs. (135kg)	Easiest to move heavy loads.

Replacement Bumpers

Non Phthalate Vinyl

Height (in.)	Height (mm)	MetroMax Cat. No.
.84	22	M9992DBX



Rigid Caster Channels

- Typically used opposite two swivel style casters to create carts that are easy to steer over long distances.
- Note: A type 304 stainless rigid caster channel is included at no charge with each two rigid plated or SS casters. An aluminum rigid channel is included with each two polymer horn rigid casters (model 5PCR).

For shelf depth		Cat. No.	(For use with 5PCR)	
(in.)	(mm)		Cat. No.	Cat. No.
14"	355	14RS	P14RC	
18"	457	18RS	P18RC	
21"	530	21RS	P21RC	
24"	610	24RS	P24RC	



24RS



P24RC

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Item # _____

We put space to work.

Job _____

Metro® Stem Casters - MetroMax®

Metro Stem-Type Casters are designed to fit MetroMax posts to form shelf carts and other mobile units. Bumpers are included.

Plated Casters with High Modulus treads

- Non marking high modulus donut tread and polyolefin hub. Plated horns, stems, axles, and brakes (optional) are appropriate for dry environments and for medium duty applications. Ball bearing swivel and axle. NSF listed. Bumpers included. Brake style: pedal brake.
- TPR tread (70 shore): Quieter than polyurethane and resilient rubber caster options.

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg.)	Type	Wheel Tread	Temperature range (Continuous usage)		Apprx. Pkd. Wt.		MetroMax Cat. No.		
					(Fahrenheit)	(Celsius)	(lbs.)	(kg.)			
5	1.25	32	250	113	Stem/Swivel	High Modulus Donut	-20° - 180°	-29° - 82°	2.2	1.0	5MDXA
5	1.25	32	250	113	Stem/Brake	High Modulus Donut	-20° - 180°	-29° - 82°	2.4	1.1	5MDBXA
5	1.25	32	250	113	Stem/Rigid	High Modulus Donut	-20° - 180°	-29° - 82°	2.2	1.0	5MDXRA

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



5MDXA



5MDBXA



5MDRXA

For all rigid casters.

Rigid stem casters improve tracking and handling of mobile units over long distances. Rigid caster channels are selected at the time of order.

How to Order:

Order (2) Rigid Casters
Select Rigid Channel based on the depth of the shelving. (Provided at no charge)

Bumpers are included with each caster.



Plated Casters with Polyurethane Tread

- Chrome plated horns, stems, axles, and brakes (optional) are appropriate for dry environments and for medium duty applications. Non marking polyurethane flat tread and polyethylene hub. Ball bearing swivel and axle. NSF listed. Bumpers included. Brake style: side brake.

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg.)	Type	Wheel Tread	Temperature range (Continuous usage)		Apprx. Pkd. Wt.		Cat. No.		
					(Fahrenheit)	(Celsius)	(lbs.)	(kg.)			
5	1.25	32	300	135	Stem/Swivel	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.5	1.1	5MPX
5	1.25	32	300	135	Stem/Brake	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.7	1.2	5MPBX
5	1.25	32	300	135	Stem/Rigid	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.4	1.1	5MPRX

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



5MPX



5MPBX



5MPRX

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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

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

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Stem Casters — MetroMax®

9.28



Stem Casters - MetroMax

Plated Casters with resilient rubber treads

- Solid resilient rubber material. Plated horns, stems, axles, and brakes (optional) are appropriate for dry environments and for medium duty applications. Ball bearing swivel. NSF listed. Bumpers included. Brake style: side brake.

Wheel Diameter		Face		Load Rating		Type	Wheel Tread	Temperature range (Continuous usage)		Apprx. Pkd. Wt.		Cat. No.
(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg.)			(Fahrenheit)	(Celsius)	(lbs.)	(kg.)	
5	127	1-1/4	32	200	90	Stem/Swivel	Resilient, Flat	-20° - 160°	-29° - 71°	2.9	1.3	5MX
5	127	1-1/4	32	200	90	Stem/Brake	Resilient, Flat	-20° - 160°	-29° - 71°	3.1	1.4	5MBX
5	127	1-1/4	32	200	90	Stem/Rigid	Resilient, Flat	-20° - 160°	-29° - 71°	2.9	1.3	5MRX

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.

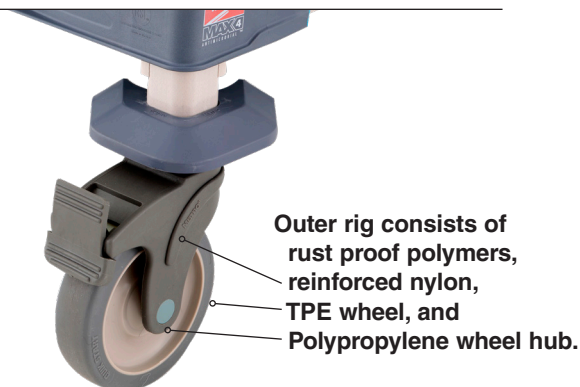




Stem Casters - MetroMax

Polymer & Stainless Total-Guard Caster

- High rust protection: Reinforced nylon rig with Stainless Steel stem and hardware.
- Maintenance Free: Sealed swivel SS ball bearings and Delrin axle bearings.
- Swivel and Total Lock Brake options.
- Pedal brake locks the wheel and the swivel motion. More control than conventional stem casters with wheel brakes only.
- Non-marking Thermoplastic Elastomer [TPE] tread (70 shore) is quieter and more shock absorbent than a TPU tread.



Wheel Diameter		Face		Load Rating		Type	Wheel Tread	Temperature range (continuous)		Apprx. Pkd. Wt.		Model No.
(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)			(Fahrenheit)	(Celsius)	(lbs.)	(kg)	
5	127	1.25	32	250	113	Stem/Swivel	TPE, Flat	-20° - 120°	-29° - 49°	1.8	0.8	5PSTEX
5	127	1.25	32	250	113	Stem/Brake	TPE, Flat	-20° - 120°	-29° - 49°	2.0	0.9	5PSTEBX

Best uses...

- Best suited for use with MetroMax and Metroseal shelving
- Best tread for high humidity controlled environments
- Excellent Corrosion Resistance
- Excellent Chemical Resistance
- Best option for aquatic facilities (environments with high salt exposure)
- Low magnetism: Best option for MRI and RFID applications
- A good option for cart wash chamber cleaning processes.

Where not to use...

- Tread not suited for exposure to acids or petroleum based chemicals.



5PSTEX
Swivel

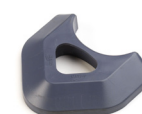


5PSTEBX
Total Lock

Standard Polymer Casters

- Basic corrosion protection: Reinforced nylon rig with chromate plated stem and swivel raceway
- Maintenance Free: Sealed swivel ball bearings and Delrin axle bearings
- Swivel, Total-Lock Brake, and Rigid options
- Pedal brake locks the wheel AND swivel motion
- Non-marking polyurethane (TPU) tread
- Optional Models with built-in antimicrobial TPU tread

Bumpers are included with each caster.



Wheel Diameter		Face		Load Rating		Type	Wheel Tread	Temperature range (continuous)		Apprx. Pkd. Wt.		MetroMax Model No.
(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)			(Fahrenheit)	(Celsius)	(lbs.)	(kg)	
5	127	1.25	32	300	135	Stem/Swivel	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.1	1.0	5PCX
5	127	1.25	32	300	135	Stem/Brake	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.3	1.0	5PCBX
5	127	1.25	32	300	135	Stem/Rigid	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.1	1.0	5PCRX
5	127	1.25	32	300	135	Stem/Swivel	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.0	0.9	5PCXM
5	127	1.25	32	300	135	Stem/Brake	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.2	1.0	5PCBXM

Tread with built-in antimicrobial.

Note: Rigid connecting channel (aluminum): Cat. No. P14RC, P18RC, P21RC, P24RC.

Best uses...

- Basic Corrosion Protection versus common industrial casters
- Good Chemical Resistance

Where not to use...

- Not suited for areas with spray sterilization processes on regular basis
- Not suited for high humidity controlled environments
- Not suited for high temperature cart wash chambers



5PCX
Swivel



5PCBX
Swivel & Brake



5PCXM
Antimicrobial
Tread Swivel



5PCBXM
Antimicrobial
Tread Swivel
Brake

Job _____



Stem Casters - MetroMax

We put space to work.

Premium Type 304 Stainless Steel Casters

- Type 304 Stainless Steel Rig, Hardware and SS bearings.
- Non-marking Treads
- Swivel, Brake, and Rigid Options
- Pedal brake locks the wheel

Bumpers are included with each caster.



Polyurethane (TPU) Tread Models

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg)		Type	Wheel Tread	Temperature range (continuous) (Fahrenheit) (Celsius)		Apprx. Pkd. Wt. (lbs.) (kg)		MetroMax Model No.		
5	127	1.25	32	300	135	Stem/Swivel	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.3	1.0	5MPXGSA
5	127	1.25	32	300	135	Stem/Brake	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.5	1.1	5MPBXGSA
5	127	1.25	32	300	135	Stem/Rigid	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.3	1.0	5MPRXGSA

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



5MPXGSA



5MPBXGSA



5MPRXGSA

Best uses...

- Best suited for high temperature cart wash chambers up to 180F (82C) when paired with Stainless Steel Shelving.
- Moving heavy loads regularly (90 shore TPU tread)
- High impact mobile uses (elevators, thresholds, ramps)
- Excellent Corrosion Resistance
- Excellent Chemical Resistance

Thermoplastic Rubber (TPR) Tread Models

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg)		Type	Wheel Tread	Temperature range (continuous) (Fahrenheit) (Celsius)		Apprx. Pkd. Wt. (lbs.) (kg)		MetroMax Model No.		
5	127	1.25	32	250	113	Stem/Swivel	TPR donut	-20° - 180°	-29° - 82°	2.4	1.1	5MDGSXA
5	127	1.25	32	250	113	Stem/Brake	TPR donut	-20° - 180°	-29° - 82°	2.6	1.2	5MDBGSXA
5	127	1.25	32	250	113	Stem/Rigid	TPR donut	-20° - 180°	-29° - 82°	2.4	1.1	5MDRGSXA

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



5MDGSXA



5MDBGSXA



5MDRGSXA

Best uses...

- Best tread for high humidity controlled environments
- Excellent Corrosion Resistance
- Excellent Chemical Resistance
- Softer TPR donut tread (70 shore) is more shock absorbent than TPU

Where not to use...

- Tread not suited for exposure to acids or petroleum based chemicals.

Maintenance - Stainless Casters

- TPU tread swivel and swivel/brake models: Swivel raceway has a grease fitting. The axle has sealed bearings that do not require additional lubrication.
- TPR tread swivel and swivel/brake models: swivel raceway and axles have grease fittings. Rigid caster model has an axle with a grease fitting.
- User should determine the frequency of maintenance based on their usage conditions.

Job _____



Stem Casters - MetroMax

We put space to work.®

- **Swivel and Swivel/Brake casters** rotate a full 360 degrees for easy maneuvering.
- **Brakes:** Wheel brakes are foot operated.
- **Bumpers:** Non Phthalate vinyl material is strong yet flexible to protect walls from damage. Each caster, except where noted, includes a 3-1/2" (89mm) diameter bumper. Optional 5" (127mm) diameter bumpers are available.
- **Weight Load Capacity** of a cart (evenly distributed): Caster Load Rating x 3.

Caster Wheel Material Guide

Caster Tread	Grease/Oil Resistance	Floor Protection	Load Rating	Key Advantage
Resilient Rubber	Low	High	200 lbs. (90kg)	Basic mobility.
High Modulus Rubber	High	High	250 lbs. (113kg)	Quieter than resilient rubber and polyurethane. Well suited for environments with constant exposure to moisture and/or high humidity.
Polyurethane	High	High	300 lbs. (135kg)	Easiest to move heavy loads.

Replacement Bumpers

Non Phthalate Vinyl

Height (in.)	Height (mm)	MetroMax Cat. No.
.84	22	M9992DBX



Rigid Caster Channels

- Typically used opposite two swivel style casters to create carts that are easy to steer over long distances.
- Note: A type 304 stainless rigid caster channel is included at no charge with each two rigid plated or SS casters. An aluminum rigid channel is included with each two polymer horn rigid casters (model 5PCR).

For shelf depth		Cat. No.	(For use with 5PCR)	
(in.)	(mm)		Cat. No.	Cat. No.
14"	355	14RS	P14RC	
18"	457	18RS	P18RC	
21"	530	21RS	P21RC	
24"	610	24RS	P24RC	



Rigid Caster Channel

Swivel Casters



24RS



P24RC

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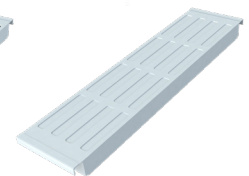
MetroMax[®] 4 Polymer Shelving

All-polymer corrosion-proof shelving with removable open grid or solid shelf mat sections. Shelves and polymer posts offer a lifetime warranty against rust and corrosion. Shelf mats have built-in Microban[®] antimicrobial product protection. Rigid four-sided shelf frame and robust corner with complete 360° capture of the wedge and post ensure stability, strength and structural integrity. Stationary units have maximum capacity of 2,000 lbs. (907kg) evenly distributed. Mobile units (with stem casters) offer a maximum total unit load of 750lbs. (340kg). Units assemble easily — shelves mount on four one-piece wedges along grooved, numbered posts. Shelves adjust on 1" (25mm) increments.

- **Rust & Corrosion-Proof:** All-polymer construction withstands moisture, chemicals, and harsh environments.
- **Lifetime:** Polymer shelves and posts offer a Lifetime Warranty against rust and corrosion.
- **Proven Stability:** Proven Metro corner design and rigid four-sided shelf frame deliver sturdy stationary, mobile, or high-density track shelving configurations.
- **Easy-to-Clean:** 6" (152mm) wide shelf mats easily remove from the shelf for cleaning by hand or in a commercial washer / dish machine.
- **Microban[®] Antimicrobial Product Protection** is built into the shelf mats 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".
- **Smooth, Protective Surfaces:** Smooth, flat surfaces protect packaged shelf contents from unwanted rips, tears, or damage.
- **Weight Load Capacities (Evenly Distributed)**
Shelf up to and including 48" (1220mm) length: 800 lbs. (363kg)
Shelf 54" (1372mm) or longer: 600 lbs. (272kg)
Stationary Unit: 2,000 lbs. (907kg)
Mobile Unit (with stem casters): up to 750 lbs. (340kg).
Multiply the caster load rating by 3 to determine actual rating [not to exceed 750 lbs.(340kg)].
- **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 seats into position over the posts and wedges. A unit can be assembled without tools in minutes.
- **Interchangeable:** Part of MetroMax platform, MetroMax 4 is compatible on the same shelving units with MetroMax i[®] and MetroMax Q[®] shelves.
- **Two shelf styles:** All MetroMax 4 shelf mats have a 3/16" (5mm) tall ship's edge built into each end to help contain supplies during mobile applications.
 - **Open Grid:** Promotes air flow and light penetration.
 - **Solid:** Built-in recesses help contain spills. Solid bottom shelf serves as a barrier to dirt and debris.
- **NSF Listed** for all environments.
- **Optional Accessories** are on spec sheet 9.25.



Open Grid Mat



Solid Mat



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Supports good
HACCP
processes



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MetroMax® 4 Polymer Shelving

Material Specifications:

- **Shelf Mats:** Polypropylene. Mats contain Microban® antimicrobial product protection.
- **Longitudinal Beams:** Pultrusions — continuous glass fibers and thermoset resin composite.
- **End Beams, Adjustable Foot and Socket, Shelf Wedge Connector:** Reinforced nylon.
- **Posts:** Pultrusions — continuous glass fibers and thermoset resin composite.
- **Post Cap:** High-density polyethylene.
- **Continuous Temperature Exposure Range** (with shelves under load): -20/120° F (-29/49° C).
For cleaning, the maximum intermittent temperature exposure is 212° F (100° C).



MetroMax 4 Shelves

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

Shelf with Grid Mats Model No.	Approx. Pkd. Wt.		Shelf with Solid Mats Model No.	Approx. Pkd. Wt.		Nominal Size				Actual Size			
	(lbs.)	(kg)		(lbs.)	(kg)	Width (mm)		Length (mm)		Width (mm)		Length (mm)	
MAX4-1824G	6.3	2.9	MAX4-1824F	6.5	3.0	18	457	24	610	18½	470	23 ¹⁵ / ₁₆	608
MAX4-1830G	7.4	3.4	MAX4-1830F	7.7	3.5	18	457	30	762	18½	470	29 ¹⁵ / ₁₆	760
MAX4-1836G	8.8	4.0	MAX4-1836F	9.2	4.2	18	457	36	914	18½	470	35 ¹⁵ / ₁₆	913
MAX4-1842G	9.6	4.3	MAX4-1842F	10.0	4.5	18	457	42	1067	18½	470	41 ¹⁵ / ₁₆	1065
MAX4-1848G	10.8	4.9	MAX4-1848F	11.3	5.1	18	457	48	1219	18½	470	47 ¹⁵ / ₁₆	1218
MAX4-1854G	11.7	5.3	MAX4-1854F	12.3	5.6	18	457	54	1372	18½	470	53 ¹⁵ / ₁₆	1370
MAX4-1860G	12.8	5.8	MAX4-1860F	13.5	6.1	18	457	60	1524	18½	470	59 ¹⁵ / ₁₆	1522
MAX4-2124G	6.9	3.1	MAX4-2124F	7.2	3.2	21	530	24	610	21½	546	23 ¹⁵ / ₁₆	608
MAX4-2130G	8.1	3.7	MAX4-2130F	8.5	3.8	21	530	30	762	21½	546	29 ¹⁵ / ₁₆	760
MAX4-2136G	9.6	4.4	MAX4-2136F	10.1	4.6	21	530	36	914	21½	546	35 ¹⁵ / ₁₆	913
MAX4-2142G	10.5	4.8	MAX4-2142F	11.0	5.0	21	530	42	1067	21½	546	41 ¹⁵ / ₁₆	1065
MAX4-2148G	11.9	5.4	MAX4-2148F	12.5	5.7	21	530	48	1219	21½	546	47 ¹⁵ / ₁₆	1218
MAX4-2154G	12.9	5.9	MAX4-2154F	13.6	6.2	21	530	54	1372	21½	546	53 ¹⁵ / ₁₆	1370
MAX4-2160G	14.2	6.4	MAX4-2160F	15.0	6.8	21	530	60	1524	21½	546	59 ¹⁵ / ₁₆	1522
MAX4-2424G	7.3	3.3	MAX4-2424F	7.8	3.5	24	610	24	610	24½	622	23 ¹⁵ / ₁₆	608
MAX4-2430G	8.8	4.0	MAX4-2430F	9.3	4.2	24	610	30	762	24½	622	29 ¹⁵ / ₁₆	760
MAX4-2436G	10.5	4.8	MAX4-2436F	11.9	5.0	24	610	36	914	24½	622	35 ¹⁵ / ₁₆	913
MAX4-2442G	11.8	5.4	MAX4-2442F	12.3	5.6	24	610	42	1067	24½	622	41 ¹⁵ / ₁₆	1065
MAX4-2448G	13.1	5.9	MAX4-2448F	13.9	6.3	24	610	48	1219	24½	622	47 ¹⁵ / ₁₆	1218
MAX4-2454G	14.3	6.5	MAX4-2454F	15.4	7.0	24	610	54	1372	24½	622	53 ¹⁵ / ₁₆	1370
MAX4-2460G	15.5	7.0	MAX4-2460F	17.0	7.7	24	610	60	1524	24½	622	59 ¹⁵ / ₁₆	1522

Note: Mobile Units taller than 54" (1372mm) require four shelves or more.



x4

Replacement MetroMax 4 Wedges
Cat. No. MAX4-9985
Bag of four wedges

Stationary Posts

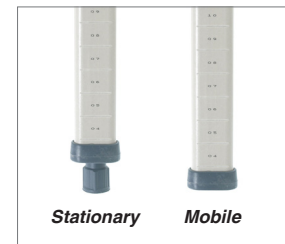
Model No.	Nominal Height		Actual Height*		Approx. Pkd. Wt.	
	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)
MX13P	13	370	14 ³ / ₁₆	360	0.5	0.2
MX27P	27	685	28 ³ / ₁₆	716	0.9	0.4
MX33P	33	875	34 ³ / ₁₆	868	1.0	0.5
MX54P	54	1370	54 ³ / ₁₆	1376	1.6	0.7
MX63P	63	1585	62 ³ / ₁₆	1580	1.8	0.8
MX74P	74	1890	74 ³ / ₁₆	1884	2.2	1.0
MX86P	86	2195	86 ³ / ₁₆	2189	3.0	1.4

*Actual Height with leveling foot completely tightened. Leveling foot can be adjusted up to 1" (25mm) to compensate for uneven floors.

Mobile Posts — for use with stem casters

Model No.	Nominal Height		Actual Height		Approx. Pkd. Wt.	
	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)
MX13UP	13	370	13 ³ / ₁₆	335	0.5	0.2
MX27UP	27	685	27 ³ / ₁₆	691	0.9	0.4
MX33UP	33	875	33 ³ / ₁₆	843	1.0	0.5
MX54UP	54	1370	53 ³ / ₁₆	1351	1.6	0.7
MX63UP	63	1585	61 ³ / ₁₆	1554	1.8	0.8
MX70UP	70	1778	69 ³ / ₁₆	1757	2.0	0.9
MX74UP	74	1890	73 ³ / ₁₆	1859	2.2	1.0
MX86UP	86	2195	85 ³ / ₁₆	2164	3.0	1.4

Consult spec sheet 9.25 for stem casters.



Stationary Mobile

Note: For special height cut posts, consult your Metro representative.

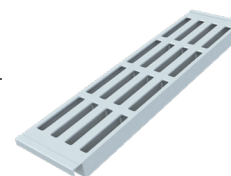
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MetroMax® 4 Polymer Shelving

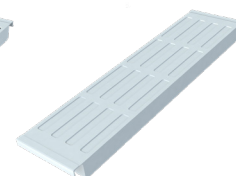


All-polymer corrosion-proof shelving with removable open grid or solid shelf mat sections. Shelves and polymer posts offer a lifetime warranty against rust and corrosion. Shelf mats have built-in Microban® antimicrobial product protection. Rigid four-sided shelf frame and robust corner with complete 360° capture of the wedge and post ensure stability, strength and structural integrity. Stationary units have maximum capacity of 2,000 lbs. (907kg) evenly distributed. Mobile units (with stem casters) offer a maximum total unit load of 750lbs. (340kg). Units assemble easily — shelves mount on four one-piece wedges along grooved, numbered posts. Shelves adjust on 1" (25mm) increments.

- **Rust & Corrosion-Proof:** All-polymer construction withstands moisture, chemicals, and harsh environments.
- **Lifetime:** Polymer shelves and posts offer a Lifetime Warranty against rust and corrosion.
- **Proven Stability:** Proven Metro corner design and rigid four-sided shelf frame deliver sturdy stationary, mobile, or high-density track shelving configurations.
- **Easy-to-Clean:** 6" (152mm) wide shelf mats easily remove from the shelf for cleaning by hand or in a commercial washer / dish machine.
- **Microban® Antimicrobial Product Protection** is built into the shelf mats 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".
- **Smooth, Protective Surfaces:** Smooth, flat surfaces protect packaged shelf contents from unwanted rips, tears, or damage.
- **Weight Load Capacities (Evenly Distributed)**
Shelf up to and including 48" (1220mm) length: 800 lbs. (363kg)
Shelf 54" (1372mm) or longer: 600 lbs. (272kg)
Stationary Unit: 2,000 lbs. (907kg)
Mobile Unit (with stem casters): up to 750 lbs. (340kg).
Multiply the caster load rating by 3 to determine actual rating [not to exceed 750 lbs.(340kg)].
- **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 seats into position over the posts and wedges. A unit can be assembled without tools in minutes.
- **Interchangeable:** Part of MetroMax platform, MetroMax 4 is compatible on the same shelving units with MetroMax i® and MetroMax Q® shelves.
- **Two shelf styles:** All MetroMax 4 shelf mats have a 3/16" (5mm) tall ship's edge built into each end to help contain supplies during mobile applications.
 - **Open Grid:** Promotes air flow and light penetration.
 - **Solid:** Built-in recesses help contain spills. Solid bottom shelf serves as a barrier to dirt and debris.
- **NSF Listed** for all environments.
- **Optional Accessories** are on spec sheet 9.25.



Open Grid Mat



Solid Mat



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Supports good
HACCP
processes



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

{9.22}

MetroMax® 4 Polymer Shelving

Material Specifications:

- **Shelf Mats:** Polypropylene. Mats contain Microban® antimicrobial product protection.
- **Longitudinal Beams:** Pultrusions — continuous glass fibers and thermoset resin composite.
- **End Beams, Adjustable Foot and Socket, Shelf Wedge Connector:** Reinforced nylon.
- **Posts:** Pultrusions — continuous glass fibers and thermoset resin composite.
- **Post Cap:** High-density polyethylene.
- **Continuous Temperature Exposure Range** (with shelves under load): -20/120° F (-29/49° C).
For cleaning, the maximum intermittent temperature exposure is 212° F (100° C).



MetroMax 4 Shelves

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

Shelf with Grid Mats Model No.	Approx. Pkd. Wt.		Shelf with Solid Mats Model No.	Approx. Pkd. Wt.		Nominal Size				Actual Size			
	(lbs.)	(kg)		(lbs.)	(kg)	Width (mm)		Length (mm)		Width (mm)		Length (mm)	
MAX4-1824G	6.3	2.9	MAX4-1824F	6.5	3.0	18	457	24	610	18½	470	23 ¹⁵ / ₁₆	608
MAX4-1830G	7.4	3.4	MAX4-1830F	7.7	3.5	18	457	30	762	18½	470	29 ¹⁵ / ₁₆	760
MAX4-1836G	8.8	4.0	MAX4-1836F	9.2	4.2	18	457	36	914	18½	470	35 ¹⁵ / ₁₆	913
MAX4-1842G	9.6	4.3	MAX4-1842F	10.0	4.5	18	457	42	1067	18½	470	41 ¹⁵ / ₁₆	1065
MAX4-1848G	10.8	4.9	MAX4-1848F	11.3	5.1	18	457	48	1219	18½	470	47 ¹⁵ / ₁₆	1218
MAX4-1854G	11.7	5.3	MAX4-1854F	12.3	5.6	18	457	54	1372	18½	470	53 ¹⁵ / ₁₆	1370
MAX4-1860G	12.8	5.8	MAX4-1860F	13.5	6.1	18	457	60	1524	18½	470	59 ¹⁵ / ₁₆	1522
MAX4-2124G	6.9	3.1	MAX4-2124F	7.2	3.2	21	530	24	610	21½	546	23 ¹⁵ / ₁₆	608
MAX4-2130G	8.1	3.7	MAX4-2130F	8.5	3.8	21	530	30	762	21½	546	29 ¹⁵ / ₁₆	760
MAX4-2136G	9.6	4.4	MAX4-2136F	10.1	4.6	21	530	36	914	21½	546	35 ¹⁵ / ₁₆	913
MAX4-2142G	10.5	4.8	MAX4-2142F	11.0	5.0	21	530	42	1067	21½	546	41 ¹⁵ / ₁₆	1065
MAX4-2148G	11.9	5.4	MAX4-2148F	12.5	5.7	21	530	48	1219	21½	546	47 ¹⁵ / ₁₆	1218
MAX4-2154G	12.9	5.9	MAX4-2154F	13.6	6.2	21	530	54	1372	21½	546	53 ¹⁵ / ₁₆	1370
MAX4-2160G	14.2	6.4	MAX4-2160F	15.0	6.8	21	530	60	1524	21½	546	59 ¹⁵ / ₁₆	1522
MAX4-2424G	7.3	3.3	MAX4-2424F	7.8	3.5	24	610	24	610	24½	622	23 ¹⁵ / ₁₆	608
MAX4-2430G	8.8	4.0	MAX4-2430F	9.3	4.2	24	610	30	762	24½	622	29 ¹⁵ / ₁₆	760
MAX4-2436G	10.5	4.8	MAX4-2436F	11.9	5.0	24	610	36	914	24½	622	35 ¹⁵ / ₁₆	913
MAX4-2442G	11.8	5.4	MAX4-2442F	12.3	5.6	24	610	42	1067	24½	622	41 ¹⁵ / ₁₆	1065
MAX4-2448G	13.1	5.9	MAX4-2448F	13.9	6.3	24	610	48	1219	24½	622	47 ¹⁵ / ₁₆	1218
MAX4-2454G	14.3	6.5	MAX4-2454F	15.4	7.0	24	610	54	1372	24½	622	53 ¹⁵ / ₁₆	1370
MAX4-2460G	15.5	7.0	MAX4-2460F	17.0	7.7	24	610	60	1524	24½	622	59 ¹⁵ / ₁₆	1522

Note: Mobile Units taller than 54" (1372mm) require four shelves or more.



x4

Replacement MetroMax 4 Wedges
Cat. No. MAX4-9985
Bag of four wedges

Stationary Posts

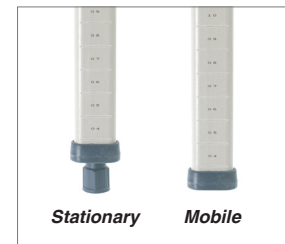
Model No.	Nominal Height		Actual Height*		Approx. Pkd. Wt.	
	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)
MX13P	13	370	14 ³ / ₁₆	360	0.5	0.2
MX27P	27	685	28 ³ / ₁₆	716	0.9	0.4
MX33P	33	875	34 ³ / ₁₆	868	1.0	0.5
MX54P	54	1370	54 ³ / ₁₆	1376	1.6	0.7
MX63P	63	1585	62 ³ / ₁₆	1580	1.8	0.8
MX74P	74	1890	74 ³ / ₁₆	1884	2.2	1.0
MX86P	86	2195	86 ³ / ₁₆	2189	3.0	1.4

*Actual Height with leveling foot completely tightened. Leveling foot can be adjusted up to 1" (25mm) to compensate for uneven floors.

Mobile Posts — for use with stem casters

Model No.	Nominal Height		Actual Height		Approx. Pkd. Wt.	
	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)
MX13UP	13	370	13 ³ / ₁₆	335	0.5	0.2
MX27UP	27	685	27 ³ / ₁₆	691	0.9	0.4
MX33UP	33	875	33 ³ / ₁₆	843	1.0	0.5
MX54UP	54	1370	53 ³ / ₁₆	1351	1.6	0.7
MX63UP	63	1585	61 ³ / ₁₆	1554	1.8	0.8
MX70UP	70	1778	69 ³ / ₁₆	1757	2.0	0.9
MX74UP	74	1890	73 ³ / ₁₆	1859	2.2	1.0
MX86UP	86	2195	85 ³ / ₁₆	2164	3.0	1.4

Consult spec sheet 9.25 for stem casters.



Stationary Mobile

Note: For special height cut posts, consult your Metro representative.

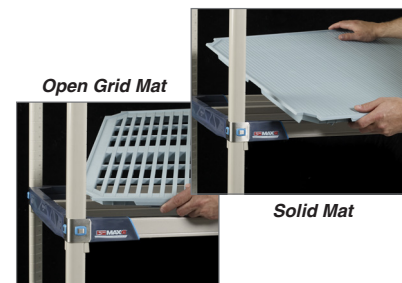
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MetroMax® i Polymer Shelving



All polymer corrosion-proof shelving constructed of advanced polymers and Type 304 stainless corners. Open grid or solid shelf mats easily lift off the shelf frames. Shelves and polymer posts offer a lifetime warranty against rust and corrosion. Shelf mats have built-in Microban® antimicrobial product protection. Shelf has a rigid four-sided frame with center truss. 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 numbered, grooved posts and adjust on 1" (25mm) increments.

- **Rust & Corrosion-Proof:** All-polymer and Type 304 stainless design withstands moisture, chemicals, and harsh environments.
- **Forever Guarantee:** Lifetime warranty against rust and corrosion.
- **Maximum Strength:** Proven corner connection and rigid four-sided frame with center truss assure stability and strength in stationary, mobile, and high-density track shelving configurations.
1000 lbs. (454kg) per shelf for lengths of 24" to 48" (610 to 1219mm)
750 lbs. (340kg) 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.
- **Easiest to Clean:** Smooth surfaces easily wipe clean. 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 to help fight the growth of stain and odor-causing bacteria, fungi, mold, and mildew to keep product cleaner between cleanings.
- **Smooth, Protective Surfaces:** Smooth, flat surfaces protect packaged shelf contents from unwanted rips, tears, or damage.
- **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 seats into position over the posts and wedges. A unit can be assembled without tools in minutes.
- **Interchangeable:** Part of the MetroMax platform, corrosion proof MetroMax i shelves are compatible on the same shelving units with MetroMax Q and MetroMax 4 shelves.
- **Robust Open Grid and Solid Mat Options:** Shelf mats are sturdy and safely support concentrated loads from instrumentation and equipment. Built-in ship's edge helps contain supplies in mobile applications.
Open grid mats are sectioned and promote air circulation and light penetration.
One-piece solid mats offer maximum spill retention and are ideal to protect items on the bottom shelf from dirt or backsplashes from cleaning floors.
Note: 72" L (1829mm) solid shelf has two mat sections.
- **NSF Listed** for all environments.
- **Maximum Versatility:** complete line of accessories are found on spec sheet 9.25.



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Supports good
HACCP
processes



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

{9.20}

MetroMax® i Polymer Shelving



Material Specifications:

- **Shelf Mats:** Polypropylene with built-in Microban antimicrobial product protection.
- **Longitudinal Beams:** Pultrusions — continuous glass fibers and thermoset resin composite.
- **End Beams, Adjustable Foot and Socket, Shelf Wedge Connector:** Reinforced nylon.
- **Fasteners:** Type 304 stainless steel screws.
- **Posts:** Pultrusions — continuous glass fibers and thermoset resin composite.
- **Post Cap and Center Beam Cap:** High-density polyethylene.
- **“S” Hook Tab Hole Plug:** Vinyl.
- **Collar and “S” Hook:** Type 304 stainless steel.
- **Continuous Temperature:** MetroMax i® can be used continuously within a range of -20/120° F (-29/49° C) with intermittent exposure to 212° F (100° C) for cleaning.



**Replacement
MetroMax i Wedges**
Cat. No. **MX9985**
Bag of 4 wedges

Standard Shelves

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

Shelf with Grid Mats Model No.	Approx. Pkd. Wt.		Shelf with Solid Mat Model No.	Approx. Pkd. Wt.		Nominal Size		Actual Size					
	(lbs.)	(kg)		(lbs.)	(kg)	Width (in.)	Length (mm)	Width (in.)	Length (mm)	Width (in.)	Length (mm)		
MX1824G	8.7	4.0	MX1824F	12.7	5.8	18	457	24	610	18 ¹ / ₄	464	23 ¹¹ / ₁₆	602
MX1830G	10.5	4.7	MX1830F	14.5	6.6	18	457	30	762	18 ¹ / ₄	464	29 ¹ / ₁₆	754
MX1836G	12.2	5.5	MX1836F	17.2	7.8	18	457	36	914	18 ¹ / ₄	464	35 ¹¹ / ₁₆	907
MX1842G	13.9	6.3	MX1842F	20.1	9.1	18	457	42	1067	18 ¹ / ₄	464	41 ¹¹ / ₁₆	1059
MX1848G	15.7	7.1	MX1848F	23.1	10.5	18	457	48	1219	18 ¹ / ₄	464	47 ¹¹ / ₁₆	1211
MX1854G	17.5	7.9	MX1854F	21.5	9.7	18	457	54	1372	18 ¹ / ₄	464	53 ¹¹ / ₁₆	1364
MX1860G	19.2	8.7	MX1860F	23.2	10.5	18	457	60	1524	18 ¹ / ₄	464	59 ¹¹ / ₁₆	1516
MX1872G	22.5	10.2	MX1872F	27.5	12.5	18	457	72	1829	18 ¹ / ₄	464	71 ¹¹ / ₁₆	1821
MX2424G	12.2	5.5	MX2424F	14.2	6.4	24	610	24	610	24 ¹ / ₄	616	23 ¹¹ / ₁₆	602
MX2430G	13.9	6.3	MX2430F	15.9	7.2	24	610	30	762	24 ¹ / ₄	616	29 ¹ / ₁₆	754
MX2436G	15.6	7.1	MX2436F	19.6	8.9	24	610	36	914	24 ¹ / ₄	616	35 ¹¹ / ₁₆	907
MX2442G	17.5	7.9	MX2442F	21.5	9.8	24	610	42	1067	24 ¹ / ₄	616	41 ¹¹ / ₁₆	1059
MX2448G	19.3	8.7	MX2448F	25.3	11.5	24	610	48	1219	24 ¹ / ₄	616	47 ¹¹ / ₁₆	1211
MX2454G	21.0	9.5	MX2454F	25.0	11.3	24	610	54	1372	24 ¹ / ₄	616	53 ¹¹ / ₁₆	1364
MX2460G	22.8	10.3	MX2460F	26.8	12.1	24	610	60	1524	24 ¹ / ₄	616	59 ¹¹ / ₁₆	1516
MX2472G	26.0	11.8	MX2472F	31.0	14.1	24	610	72	1829	24 ¹ / ₄	616	71 ¹¹ / ₁₆	1821

Heavy-Duty Dunnage Shelves

- Weight capacity per shelf evenly distributed: 1,200 lbs. (544kg) on shelves up to and including 48" (1220mm) long; 900 lbs. (408kg) for shelves 54" (1370mm) and longer.
- Dunnage shelves are recommended for use on units with four posts, not as part of an add-on unit with two posts.

Shelf with Grid Mat Model No.	Nominal Size		Approx. Pkd. Wt. (lbs.) (kg)			
	Width (in.) (mm)	Length (in.) (mm)				
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

Stationary Posts

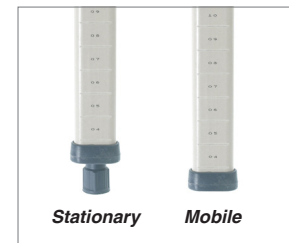
Model No.	Nominal Height		Actual Height*		Approx. Pkd. Wt.	
	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)
MX13P	13	370	14 ³ / ₁₆	360	0.5	0.2
MX27P	27	685	28 ³ / ₁₆	716	0.9	0.4
MX33P	33	875	34 ³ / ₁₆	868	1.0	0.5
MX54P	54	1370	54 ³ / ₁₆	1376	1.6	0.7
MX63P	63	1585	62 ³ / ₁₆	1580	1.8	0.8
MX74P	74	1890	74 ³ / ₁₆	1884	2.2	1.0
MX86P	86	2195	86 ³ / ₁₆	2189	3.0	1.4

*Actual Height with leveling foot completely tightened. Leveling foot can be adjusted up to 1" (25mm) to compensate for uneven floors.

Mobile Posts — for use with stem casters

Model No.	Nominal Height		Actual Height		Approx. Pkd. Wt.	
	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)
MX9UP	9	228	9 ³ / ₁₆	233	0.3	0.15
MX13UP	13	370	13 ³ / ₁₆	335	0.5	0.2
MX27UP	27	685	27 ³ / ₁₆	691	0.9	0.4
MX33UP	33	875	33 ³ / ₁₆	843	1.0	0.5
MX54UP	54	1370	53 ³ / ₁₆	1351	1.6	0.7
MX63UP	63	1585	61 ³ / ₁₆	1554	1.8	0.8
MX70UP	70	1778	69 ³ / ₁₆	1757	2.0	0.9
MX74UP	74	1890	73 ³ / ₁₆	1859	2.2	1.0
MX86UP	86	2195	85 ³ / ₁₆	2164	3.0	1.4

Consult spec sheet 9.25 for stem casters.



Note: For special height cut posts, consult your Metro representative.



Item # _____

We put space to work.

Job _____

Metro® Stem Casters - MetroMax®

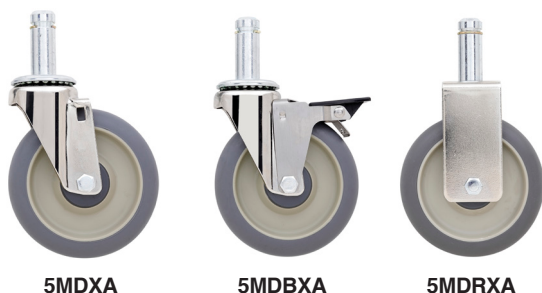
Metro Stem-Type Casters are designed to fit MetroMax posts to form shelf carts and other mobile units. Bumpers are included.

Plated Casters with High Modulus treads

- Non marking high modulus donut tread and polyolefin hub. Plated horns, stems, axles, and brakes (optional) are appropriate for dry environments and for medium duty applications. Ball bearing swivel and axle. NSF listed. Bumpers included. Brake style: pedal brake.
- TPR tread (70 shore): Quieter than polyurethane and resilient rubber caster options.

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg.)	Type	Wheel Tread	Temperature range (Continuous usage)		Apprx. Pkd. Wt.		MetroMax Cat. No.		
					(Fahrenheit)	(Celsius)	(lbs.)	(kg.)			
5	1.25	32	250	113	Stem/Swivel	High Modulus Donut	-20° - 180°	-29° - 82°	2.2	1.0	5MDXA
5	1.25	32	250	113	Stem/Brake	High Modulus Donut	-20° - 180°	-29° - 82°	2.4	1.1	5MDBXA
5	1.25	32	250	113	Stem/Rigid	High Modulus Donut	-20° - 180°	-29° - 82°	2.2	1.0	5MDXRA

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



For all rigid casters.

Rigid stem casters improve tracking and handling of mobile units over long distances. Rigid caster channels are selected at the time of order.

How to Order:

Order (2) Rigid Casters
Select Rigid Channel based on the depth of the shelving. (Provided at no charge)

Bumpers are included with each caster.



Plated Casters with Polyurethane Tread

- Chrome plated horns, stems, axles, and brakes (optional) are appropriate for dry environments and for medium duty applications. Non marking polyurethane flat tread and polyethylene hub. Ball bearing swivel and axle. NSF listed. Bumpers included. Brake style: side brake.

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg.)	Type	Wheel Tread	Temperature range (Continuous usage)		Apprx. Pkd. Wt.		Cat. No.		
					(Fahrenheit)	(Celsius)	(lbs.)	(kg.)			
5	1.25	32	300	135	Stem/Swivel	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.5	1.1	5MPX
5	1.25	32	300	135	Stem/Brake	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.7	1.2	5MPBX
5	1.25	32	300	135	Stem/Rigid	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.4	1.1	5MPRX

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



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



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Product Information. U.S. and Canada: 1.800.992.1776
Outside U.S. and Canada: www.metro.com/contactus

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

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Stem Casters - MetroMax

Plated Casters with resilient rubber treads

- Solid resilient rubber material. Plated horns, stems, axles, and brakes (optional) are appropriate for dry environments and for medium duty applications. Ball bearing swivel. NSF listed. Bumpers included. Brake style: side brake.

Wheel Diameter		Face		Load Rating		Type	Wheel Tread	Temperature range (Continuous usage)		Apprx. Pkd. Wt.		Cat. No.
(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg.)			(Fahrenheit)	(Celsius)	(lbs.)	(kg.)	
5	127	1-1/4	32	200	90	Stem/Swivel	Resilient, Flat	-20° - 160°	-29° - 71°	2.9	1.3	5MX
5	127	1-1/4	32	200	90	Stem/Brake	Resilient, Flat	-20° - 160°	-29° - 71°	3.1	1.4	5MBX
5	127	1-1/4	32	200	90	Stem/Rigid	Resilient, Flat	-20° - 160°	-29° - 71°	2.9	1.3	5MRX

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.

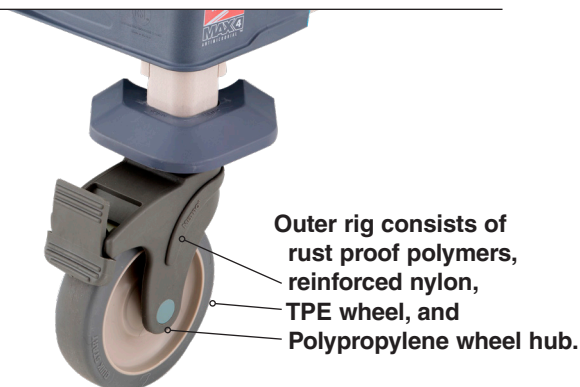




Stem Casters - MetroMax

Polymer & Stainless Total-Guard Caster

- High rust protection: Reinforced nylon rig with Stainless Steel stem and hardware.
- Maintenance Free: Sealed swivel SS ball bearings and Delrin axle bearings.
- Swivel and Total Lock Brake options.
- Pedal brake locks the wheel and the swivel motion. More control than conventional stem casters with wheel brakes only.
- Non-marking Thermoplastic Elastomer [TPE] tread (70 shore) is quieter and more shock absorbent than a TPU tread.



Wheel Diameter		Face		Load Rating		Type	Wheel Tread	Temperature range (continuous)		Apprx. Pkd. Wt.		Model No.
(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)			(Fahrenheit)	(Celsius)	(lbs.)	(kg)	
5	127	1.25	32	250	113	Stem/Swivel	TPE, Flat	-20° - 120°	-29° - 49°	1.8	0.8	5PSTEX
5	127	1.25	32	250	113	Stem/Brake	TPE, Flat	-20° - 120°	-29° - 49°	2.0	0.9	5PSTEBX

Best uses...

- Best suited for use with MetroMax and Metroseal shelving
- Best tread for high humidity controlled environments
- Excellent Corrosion Resistance
- Excellent Chemical Resistance
- Best option for aquatic facilities (environments with high salt exposure)
- Low magnetism: Best option for MRI and RFID applications
- A good option for cart wash chamber cleaning processes.

Where not to use...

- Tread not suited for exposure to acids or petroleum based chemicals.



5PSTEX
Swivel



5PSTEBX
Total Lock

Standard Polymer Casters

- Basic corrosion protection: Reinforced nylon rig with chromate plated stem and swivel raceway
- Maintenance Free: Sealed swivel ball bearings and Delrin axle bearings
- Swivel, Total-Lock Brake, and Rigid options
- Pedal brake locks the wheel AND swivel motion
- Non-marking polyurethane (TPU) tread
- Optional Models with built-in antimicrobial TPU tread

Bumpers are included with each caster.



Wheel Diameter		Face		Load Rating		Type	Wheel Tread	Temperature range (continuous)		Apprx. Pkd. Wt.		MetroMax Model No.
(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)			(Fahrenheit)	(Celsius)	(lbs.)	(kg)	
5	127	1.25	32	300	135	Stem/Swivel	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.1	1.0	5PCX
5	127	1.25	32	300	135	Stem/Brake	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.3	1.0	5PCBX
5	127	1.25	32	300	135	Stem/Rigid	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.1	1.0	5PCRX
5	127	1.25	32	300	135	Stem/Swivel	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.0	0.9	5PCXM
5	127	1.25	32	300	135	Stem/Brake	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.2	1.0	5PCBXM

Tread with built-in antimicrobial.

Note: Rigid connecting channel (aluminum): Cat. No. P14RC, P18RC, P21RC, P24RC.

Best uses...

- Basic Corrosion Protection versus common industrial casters
- Good Chemical Resistance

Where not to use...

- Not suited for areas with spray sterilization processes on regular basis
- Not suited for high humidity controlled environments
- Not suited for high temperature cart wash chambers



5PCX
Swivel



5PCBX
Swivel & Brake



5PCXM
Antimicrobial
Tread Swivel



5PCBXM
Antimicrobial
Tread Swivel
Brake

Job _____



Stem Casters - MetroMax

We put space to work.

Premium Type 304 Stainless Steel Casters

- Type 304 Stainless Steel Rig, Hardware and SS bearings.
- Non-marking Treads
- Swivel, Brake, and Rigid Options
- Pedal brake locks the wheel

Bumpers are included with each caster.



Polyurethane (TPU) Tread Models

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg)		Type	Wheel Tread	Temperature range (continuous) (Fahrenheit) (Celsius)		Apprx. Pkd. Wt. (lbs.) (kg)		MetroMax Model No.		
5	127	1.25	32	300	135	Stem/Swivel	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.3	1.0	5MPXGSA
5	127	1.25	32	300	135	Stem/Brake	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.5	1.1	5MPBXGSA
5	127	1.25	32	300	135	Stem/Rigid	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.3	1.0	5MPRXGSA

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



5MPXGSA



5MPBXGSA



5MPRXGSA

Best uses...

- Best suited for high temperature cart wash chambers up to 180F (82C) when paired with Stainless Steel Shelving.
- Moving heavy loads regularly (90 shore TPU tread)
- High impact mobile uses (elevators, thresholds, ramps)
- Excellent Corrosion Resistance
- Excellent Chemical Resistance

Thermoplastic Rubber (TPR) Tread Models

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg)		Type	Wheel Tread	Temperature range (continuous) (Fahrenheit) (Celsius)		Apprx. Pkd. Wt. (lbs.) (kg)		MetroMax Model No.		
5	127	1.25	32	250	113	Stem/Swivel	TPR donut	-20° - 180°	-29° - 82°	2.4	1.1	5MDGSXA
5	127	1.25	32	250	113	Stem/Brake	TPR donut	-20° - 180°	-29° - 82°	2.6	1.2	5MDBGSXA
5	127	1.25	32	250	113	Stem/Rigid	TPR donut	-20° - 180°	-29° - 82°	2.4	1.1	5MDRGSXA

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



5MDGSXA



5MDBGSXA



5MDRGSXA

Best uses...

- Best tread for high humidity controlled environments
- Excellent Corrosion Resistance
- Excellent Chemical Resistance
- Softer TPR donut tread (70 shore) is more shock absorbent than TPU

Where not to use...

- Tread not suited for exposure to acids or petroleum based chemicals.

Maintenance - Stainless Casters

- TPU tread swivel and swivel/brake models: Swivel raceway has a grease fitting. The axle has sealed bearings that do not require additional lubrication.
- TPR tread swivel and swivel/brake models: swivel raceway and axles have grease fittings. Rigid caster model has an axle with a grease fitting.
- User should determine the frequency of maintenance based on their usage conditions.

Job _____



Stem Casters - MetroMax

We put space to work.®

- **Swivel and Swivel/Brake casters** rotate a full 360 degrees for easy maneuvering.
- **Brakes:** Wheel brakes are foot operated.
- **Bumpers:** Non Phthalate vinyl material is strong yet flexible to protect walls from damage. Each caster, except where noted, includes a 3-1/2" (89mm) diameter bumper. Optional 5" (127mm) diameter bumpers are available.
- **Weight Load Capacity** of a cart (evenly distributed): Caster Load Rating x 3.

Caster Wheel Material Guide

Caster Tread	Grease/Oil Resistance	Floor Protection	Load Rating	Key Advantage
Resilient Rubber	Low	High	200 lbs. (90kg)	Basic mobility.
High Modulus Rubber	High	High	250 lbs. (113kg)	Quieter than resilient rubber and polyurethane. Well suited for environments with constant exposure to moisture and/or high humidity.
Polyurethane	High	High	300 lbs. (135kg)	Easiest to move heavy loads.

Replacement Bumpers

Non Phthalate Vinyl

Height (in.)	Height (mm)	MetroMax Cat. No.
.84	22	M9992DBX



Rigid Caster Channels

- Typically used opposite two swivel style casters to create carts that are easy to steer over long distances.
- Note: A type 304 stainless rigid caster channel is included at no charge with each two rigid plated or SS casters. An aluminum rigid channel is included with each two polymer horn rigid casters (model 5PCR).

For shelf depth		Cat. No.	(For use with 5PCR)	
(in.)	(mm)		Cat. No.	Cat. No.
14"	355	14RS	P14RC	
18"	457	18RS	P18RC	
21"	530	21RS	P21RC	
24"	610	24RS	P24RC	



Rigid Caster Channel

Swivel Casters



24RS



P24RC

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The Spirit of Excellence



Item # _____

We put space to work.

Job _____

Metro® Stem Casters - MetroMax®

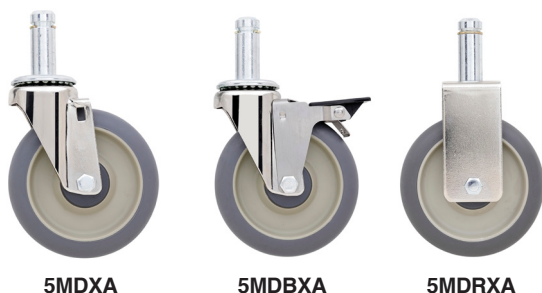
Metro Stem-Type Casters are designed to fit MetroMax posts to form shelf carts and other mobile units. Bumpers are included.

Plated Casters with High Modulus treads

- Non marking high modulus donut tread and polyolefin hub. Plated horns, stems, axles, and brakes (optional) are appropriate for dry environments and for medium duty applications. Ball bearing swivel and axle. NSF listed. Bumpers included. Brake style: pedal brake.
- TPR tread (70 shore): Quieter than polyurethane and resilient rubber caster options.

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg.)	Type	Wheel Tread	Temperature range (Continuous usage)		Apprx. Pkd. Wt.		MetroMax Cat. No.		
					(Fahrenheit)	(Celsius)	(lbs.)	(kg.)			
5	1.25	32	250	113	Stem/Swivel	High Modulus Donut	-20° - 180°	-29° - 82°	2.2	1.0	5MDXA
5	1.25	32	250	113	Stem/Brake	High Modulus Donut	-20° - 180°	-29° - 82°	2.4	1.1	5MDBXA
5	1.25	32	250	113	Stem/Rigid	High Modulus Donut	-20° - 180°	-29° - 82°	2.2	1.0	5MDXRA

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



For all rigid casters.

Rigid stem casters improve tracking and handling of mobile units over long distances. Rigid caster channels are selected at the time of order.

How to Order:

Order (2) Rigid Casters
Select Rigid Channel based on the depth of the shelving. (Provided at no charge)

Bumpers are included with each caster.



Plated Casters with Polyurethane Tread

- Chrome plated horns, stems, axles, and brakes (optional) are appropriate for dry environments and for medium duty applications. Non marking polyurethane flat tread and polyethylene hub. Ball bearing swivel and axle. NSF listed. Bumpers included. Brake style: side brake.

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg.)	Type	Wheel Tread	Temperature range (Continuous usage)		Apprx. Pkd. Wt.		Cat. No.		
					(Fahrenheit)	(Celsius)	(lbs.)	(kg.)			
5	1.25	32	300	135	Stem/Swivel	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.5	1.1	5MPX
5	1.25	32	300	135	Stem/Brake	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.7	1.2	5MPBX
5	1.25	32	300	135	Stem/Rigid	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.4	1.1	5MPRX

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



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



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Product Information. U.S. and Canada: 1.800.992.1776
Outside U.S. and Canada: www.metro.com/contactus

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

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Stem Casters - MetroMax

Plated Casters with resilient rubber treads

- Solid resilient rubber material. Plated horns, stems, axles, and brakes (optional) are appropriate for dry environments and for medium duty applications. Ball bearing swivel. NSF listed. Bumpers included. Brake style: side brake.

Wheel Diameter		Face		Load Rating		Type	Wheel Tread	Temperature range (Continuous usage)		Apprx. Pkd. Wt.		Cat. No.
(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg.)			(Fahrenheit)	(Celsius)	(lbs.)	(kg.)	
5	127	1-1/4	32	200	90	Stem/Swivel	Resilient, Flat	-20° - 160°	-29° - 71°	2.9	1.3	5MX
5	127	1-1/4	32	200	90	Stem/Brake	Resilient, Flat	-20° - 160°	-29° - 71°	3.1	1.4	5MBX
5	127	1-1/4	32	200	90	Stem/Rigid	Resilient, Flat	-20° - 160°	-29° - 71°	2.9	1.3	5MRX

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



5MX

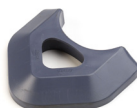


5MBX



5MRX

**Bumpers are included
with each caster.**

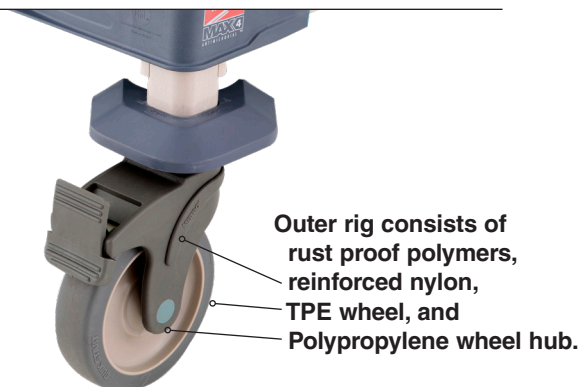




Stem Casters - MetroMax

Polymer & Stainless Total-Guard Caster

- High rust protection: Reinforced nylon rig with Stainless Steel stem and hardware.
- Maintenance Free: Sealed swivel SS ball bearings and Delrin axle bearings.
- Swivel and Total Lock Brake options.
- Pedal brake locks the wheel and the swivel motion. More control than conventional stem casters with wheel brakes only.
- Non-marking Thermoplastic Elastomer [TPE] tread (70 shore) is quieter and more shock absorbent than a TPU tread.



Wheel Diameter		Face		Load Rating		Type	Wheel Tread	Temperature range (continuous)		Apprx. Pkd. Wt.		Model No.
(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)			(Fahrenheit)	(Celsius)	(lbs.)	(kg)	
5	127	1.25	32	250	113	Stem/Swivel	TPE, Flat	-20° - 120°	-29° - 49°	1.8	0.8	5PSTEX
5	127	1.25	32	250	113	Stem/Brake	TPE, Flat	-20° - 120°	-29° - 49°	2.0	0.9	5PSTEBX

Best uses...

- Best suited for use with MetroMax and Metroseal shelving
- Best tread for high humidity controlled environments
- Excellent Corrosion Resistance
- Excellent Chemical Resistance
- Best option for aquatic facilities (environments with high salt exposure)
- Low magnetism: Best option for MRI and RFID applications
- A good option for cart wash chamber cleaning processes.

Where not to use...

- Tread not suited for exposure to acids or petroleum based chemicals.



5PSTEX
Swivel



5PSTEBX
Total Lock

Standard Polymer Casters

- Basic corrosion protection: Reinforced nylon rig with chromate plated stem and swivel raceway
- Maintenance Free: Sealed swivel ball bearings and Delrin axle bearings
- Swivel, Total-Lock Brake, and Rigid options
- Pedal brake locks the wheel AND swivel motion
- Non-marking polyurethane (TPU) tread
- Optional Models with built-in antimicrobial TPU tread

Bumpers are included with each caster.



Wheel Diameter		Face		Load Rating		Type	Wheel Tread	Temperature range (continuous)		Apprx. Pkd. Wt.		MetroMax Model No.
(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)			(Fahrenheit)	(Celsius)	(lbs.)	(kg)	
5	127	1.25	32	300	135	Stem/Swivel	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.1	1.0	5PCX
5	127	1.25	32	300	135	Stem/Brake	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.3	1.0	5PCBX
5	127	1.25	32	300	135	Stem/Rigid	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.1	1.0	5PCRX
5	127	1.25	32	300	135	Stem/Swivel	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.0	0.9	5PCXM
5	127	1.25	32	300	135	Stem/Brake	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.2	1.0	5PCBXM

Tread with built-in antimicrobial.

Note: Rigid connecting channel (aluminum): Cat. No. P14RC, P18RC, P21RC, P24RC.

Best uses...

- Basic Corrosion Protection versus common industrial casters
- Good Chemical Resistance

Where not to use...

- Not suited for areas with spray sterilization processes on regular basis
- Not suited for high humidity controlled environments
- Not suited for high temperature cart wash chambers



5PCX
Swivel



5PCBX
Swivel & Brake



5PCXM
Antimicrobial
Tread Swivel



5PCBXM
Antimicrobial
Tread Swivel
Brake

Job _____



Stem Casters - MetroMax

We put space to work.

Premium Type 304 Stainless Steel Casters

- Type 304 Stainless Steel Rig, Hardware and SS bearings.
- Non-marking Treads
- Swivel, Brake, and Rigid Options
- Pedal brake locks the wheel

Bumpers are included with each caster.



Polyurethane (TPU) Tread Models

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg)		Type	Wheel Tread	Temperature range (continuous) (Fahrenheit) (Celsius)		Apprx. Pkd. Wt. (lbs.) (kg)		MetroMax Model No.		
5	127	1.25	32	300	135	Stem/Swivel	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.3	1.0	5MPXGSA
5	127	1.25	32	300	135	Stem/Brake	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.5	1.1	5MPBXGSA
5	127	1.25	32	300	135	Stem/Rigid	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.3	1.0	5MPRXGSA

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



5MPXGSA



5MPBXGSA



5MPRXGSA

Best uses...

- Best suited for high temperature cart wash chambers up to 180F (82C) when paired with Stainless Steel Shelving.
- Moving heavy loads regularly (90 shore TPU tread)
- High impact mobile uses (elevators, thresholds, ramps)
- Excellent Corrosion Resistance
- Excellent Chemical Resistance

Thermoplastic Rubber (TPR) Tread Models

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg)		Type	Wheel Tread	Temperature range (continuous) (Fahrenheit) (Celsius)		Apprx. Pkd. Wt. (lbs.) (kg)		MetroMax Model No.		
5	127	1.25	32	250	113	Stem/Swivel	TPR donut	-20° - 180°	-29° - 82°	2.4	1.1	5MDGSXA
5	127	1.25	32	250	113	Stem/Brake	TPR donut	-20° - 180°	-29° - 82°	2.6	1.2	5MDBGSXA
5	127	1.25	32	250	113	Stem/Rigid	TPR donut	-20° - 180°	-29° - 82°	2.4	1.1	5MDRGSXA

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



5MDGSXA



5MDBGSXA



5MDRGSXA

Best uses...

- Best tread for high humidity controlled environments
- Excellent Corrosion Resistance
- Excellent Chemical Resistance
- Softer TPR donut tread (70 shore) is more shock absorbent than TPU

Where not to use...

- Tread not suited for exposure to acids or petroleum based chemicals.

Maintenance - Stainless Casters

- TPU tread swivel and swivel/brake models: Swivel raceway has a grease fitting. The axle has sealed bearings that do not require additional lubrication.
- TPR tread swivel and swivel/brake models: swivel raceway and axles have grease fittings. Rigid caster model has an axle with a grease fitting.
- User should determine the frequency of maintenance based on their usage conditions.

Job _____



Stem Casters - MetroMax

We put space to work.®

- **Swivel and Swivel/Brake casters** rotate a full 360 degrees for easy maneuvering.
- **Brakes:** Wheel brakes are foot operated.
- **Bumpers:** Non Phthalate vinyl material is strong yet flexible to protect walls from damage. Each caster, except where noted, includes a 3-1/2" (89mm) diameter bumper. Optional 5" (127mm) diameter bumpers are available.
- **Weight Load Capacity** of a cart (evenly distributed): Caster Load Rating x 3.

Caster Wheel Material Guide

Caster Tread	Grease/Oil Resistance	Floor Protection	Load Rating	Key Advantage
Resilient Rubber	Low	High	200 lbs. (90kg)	Basic mobility.
High Modulus Rubber	High	High	250 lbs. (113kg)	Quieter than resilient rubber and polyurethane. Well suited for environments with constant exposure to moisture and/or high humidity.
Polyurethane	High	High	300 lbs. (135kg)	Easiest to move heavy loads.

Replacement Bumpers

Non Phthalate Vinyl

Height (in.)	Height (mm)	MetroMax Cat. No.
.84	22	M9992DBX



Rigid Caster Channels

- Typically used opposite two swivel style casters to create carts that are easy to steer over long distances.
- Note: A type 304 stainless rigid caster channel is included at no charge with each two rigid plated or SS casters. An aluminum rigid channel is included with each two polymer horn rigid casters (model 5PCR).

For shelf depth		Cat. No.	(For use with 5PCR)	
(in.)	(mm)		Cat. No.	Cat. No.
14"	355	14RS	P14RC	
18"	457	18RS	P18RC	
21"	530	21RS	P21RC	
24"	610	24RS	P24RC	



Rigid Caster Channel

Swivel Casters



24RS



P24RC

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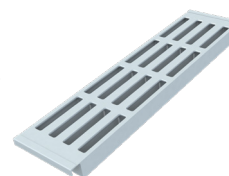
The Spirit of Excellence

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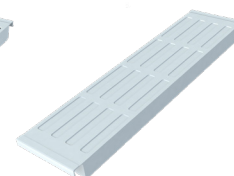
MetroMax® 4 Polymer Shelving

All-polymer corrosion-proof shelving with removable open grid or solid shelf mat sections. Shelves and polymer posts offer a lifetime warranty against rust and corrosion. Shelf mats have built-in Microban® antimicrobial product protection. Rigid four-sided shelf frame and robust corner with complete 360° capture of the wedge and post ensure stability, strength and structural integrity. Stationary units have maximum capacity of 2,000 lbs. (907kg) evenly distributed. Mobile units (with stem casters) offer a maximum total unit load of 750lbs. (340kg). Units assemble easily — shelves mount on four one-piece wedges along grooved, numbered posts. Shelves adjust on 1" (25mm) increments.

- **Rust & Corrosion-Proof:** All-polymer construction withstands moisture, chemicals, and harsh environments.
- **Lifetime:** Polymer shelves and posts offer a Lifetime Warranty against rust and corrosion.
- **Proven Stability:** Proven Metro corner design and rigid four-sided shelf frame deliver sturdy stationary, mobile, or high-density track shelving configurations.
- **Easy-to-Clean:** 6" (152mm) wide shelf mats easily remove from the shelf for cleaning by hand or in a commercial washer / dish machine.
- **Microban® Antimicrobial Product Protection** is built into the shelf mats 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".
- **Smooth, Protective Surfaces:** Smooth, flat surfaces protect packaged shelf contents from unwanted rips, tears, or damage.
- **Weight Load Capacities (Evenly Distributed)**
Shelf up to and including 48" (1220mm) length: 800 lbs. (363kg)
Shelf 54" (1372mm) or longer: 600 lbs. (272kg)
Stationary Unit: 2,000 lbs. (907kg)
Mobile Unit (with stem casters): up to 750 lbs. (340kg).
Multiply the caster load rating by 3 to determine actual rating [not to exceed 750 lbs.(340kg)].
- **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 seats into position over the posts and wedges. A unit can be assembled without tools in minutes.
- **Interchangeable:** Part of MetroMax platform, MetroMax 4 is compatible on the same shelving units with MetroMax i® and MetroMax Q® shelves.
- **Two shelf styles:** All MetroMax 4 shelf mats have a $\frac{3}{16}$ " (5mm) tall ship's edge built into each end to help contain supplies during mobile applications.
 - **Open Grid:** Promotes air flow and light penetration.
 - **Solid:** Built-in recesses help contain spills. Solid bottom shelf serves as a barrier to dirt and debris.
- **NSF Listed** for all environments.
- **Optional Accessories** are on spec sheet 9.25.



Open Grid Mat



Solid Mat



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{9.22}

MetroMax® 4 Polymer Shelving

Material Specifications:

- **Shelf Mats:** Polypropylene. Mats contain Microban® antimicrobial product protection.
- **Longitudinal Beams:** Pultrusions — continuous glass fibers and thermoset resin composite.
- **End Beams, Adjustable Foot and Socket, Shelf Wedge Connector:** Reinforced nylon.
- **Posts:** Pultrusions — continuous glass fibers and thermoset resin composite.
- **Post Cap:** High-density polyethylene.
- **Continuous Temperature Exposure Range** (with shelves under load): -20/120° F (-29/49° C).
For cleaning, the maximum intermittent temperature exposure is 212° F (100° C).



MetroMax 4 Shelves

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

Shelf with Grid Mats Model No.	Approx. Pkd. Wt.		Shelf with Solid Mats Model No.	Approx. Pkd. Wt.		Nominal Size				Actual Size			
	(lbs.)	(kg)		(lbs.)	(kg)	Width (mm)		Length (mm)		Width (mm)		Length (mm)	
MAX4-1824G	6.3	2.9	MAX4-1824F	6.5	3.0	18	457	24	610	18½	470	23 ¹⁵ / ₁₆	608
MAX4-1830G	7.4	3.4	MAX4-1830F	7.7	3.5	18	457	30	762	18½	470	29 ¹⁵ / ₁₆	760
MAX4-1836G	8.8	4.0	MAX4-1836F	9.2	4.2	18	457	36	914	18½	470	35 ¹⁵ / ₁₆	913
MAX4-1842G	9.6	4.3	MAX4-1842F	10.0	4.5	18	457	42	1067	18½	470	41 ¹⁵ / ₁₆	1065
MAX4-1848G	10.8	4.9	MAX4-1848F	11.3	5.1	18	457	48	1219	18½	470	47 ¹⁵ / ₁₆	1218
MAX4-1854G	11.7	5.3	MAX4-1854F	12.3	5.6	18	457	54	1372	18½	470	53 ¹⁵ / ₁₆	1370
MAX4-1860G	12.8	5.8	MAX4-1860F	13.5	6.1	18	457	60	1524	18½	470	59 ¹⁵ / ₁₆	1522
MAX4-2124G	6.9	3.1	MAX4-2124F	7.2	3.2	21	530	24	610	21½	546	23 ¹⁵ / ₁₆	608
MAX4-2130G	8.1	3.7	MAX4-2130F	8.5	3.8	21	530	30	762	21½	546	29 ¹⁵ / ₁₆	760
MAX4-2136G	9.6	4.4	MAX4-2136F	10.1	4.6	21	530	36	914	21½	546	35 ¹⁵ / ₁₆	913
MAX4-2142G	10.5	4.8	MAX4-2142F	11.0	5.0	21	530	42	1067	21½	546	41 ¹⁵ / ₁₆	1065
MAX4-2148G	11.9	5.4	MAX4-2148F	12.5	5.7	21	530	48	1219	21½	546	47 ¹⁵ / ₁₆	1218
MAX4-2154G	12.9	5.9	MAX4-2154F	13.6	6.2	21	530	54	1372	21½	546	53 ¹⁵ / ₁₆	1370
MAX4-2160G	14.2	6.4	MAX4-2160F	15.0	6.8	21	530	60	1524	21½	546	59 ¹⁵ / ₁₆	1522
MAX4-2424G	7.3	3.3	MAX4-2424F	7.8	3.5	24	610	24	610	24½	622	23 ¹⁵ / ₁₆	608
MAX4-2430G	8.8	4.0	MAX4-2430F	9.3	4.2	24	610	30	762	24½	622	29 ¹⁵ / ₁₆	760
MAX4-2436G	10.5	4.8	MAX4-2436F	11.9	5.0	24	610	36	914	24½	622	35 ¹⁵ / ₁₆	913
MAX4-2442G	11.8	5.4	MAX4-2442F	12.3	5.6	24	610	42	1067	24½	622	41 ¹⁵ / ₁₆	1065
MAX4-2448G	13.1	5.9	MAX4-2448F	13.9	6.3	24	610	48	1219	24½	622	47 ¹⁵ / ₁₆	1218
MAX4-2454G	14.3	6.5	MAX4-2454F	15.4	7.0	24	610	54	1372	24½	622	53 ¹⁵ / ₁₆	1370
MAX4-2460G	15.5	7.0	MAX4-2460F	17.0	7.7	24	610	60	1524	24½	622	59 ¹⁵ / ₁₆	1522

Note: Mobile Units taller than 54" (1372mm) require four shelves or more.



x4

Replacement MetroMax 4 Wedges
Cat. No. MAX4-9985
Bag of four wedges

Stationary Posts

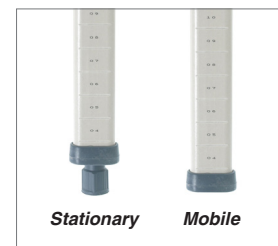
Model No.	Nominal Height		Actual Height*		Approx. Pkd. Wt.	
	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)
MX13P	13	370	14 ³ / ₁₆	360	0.5	0.2
MX27P	27	685	28 ³ / ₁₆	716	0.9	0.4
MX33P	33	875	34 ³ / ₁₆	868	1.0	0.5
MX54P	54	1370	54 ³ / ₁₆	1376	1.6	0.7
MX63P	63	1585	62 ³ / ₁₆	1580	1.8	0.8
MX74P	74	1890	74 ³ / ₁₆	1884	2.2	1.0
MX86P	86	2195	86 ³ / ₁₆	2189	3.0	1.4

*Actual Height with leveling foot completely tightened. Leveling foot can be adjusted up to 1" (25mm) to compensate for uneven floors.

Mobile Posts — for use with stem casters

Model No.	Nominal Height		Actual Height		Approx. Pkd. Wt.	
	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)
MX13UP	13	370	13 ³ / ₁₆	335	0.5	0.2
MX27UP	27	685	27 ³ / ₁₆	691	0.9	0.4
MX33UP	33	875	33 ³ / ₁₆	843	1.0	0.5
MX54UP	54	1370	53 ³ / ₁₆	1351	1.6	0.7
MX63UP	63	1585	61 ³ / ₁₆	1554	1.8	0.8
MX70UP	70	1778	69 ³ / ₁₆	1757	2.0	0.9
MX74UP	74	1890	73 ³ / ₁₆	1859	2.2	1.0
MX86UP	86	2195	85 ³ / ₁₆	2164	3.0	1.4

Consult spec sheet 9.25 for stem casters.



Stationary Mobile

Note: For special height cut posts, consult your Metro representative.

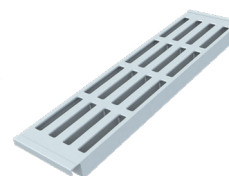
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MetroMax® 4 Polymer Shelving

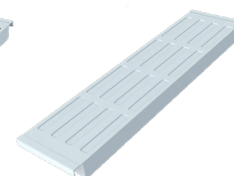


All-polymer corrosion-proof shelving with removable open grid or solid shelf mat sections. Shelves and polymer posts offer a lifetime warranty against rust and corrosion. Shelf mats have built-in Microban® antimicrobial product protection. Rigid four-sided shelf frame and robust corner with complete 360° capture of the wedge and post ensure stability, strength and structural integrity. Stationary units have maximum capacity of 2,000 lbs. (907kg) evenly distributed. Mobile units (with stem casters) offer a maximum total unit load of 750lbs. (340kg). Units assemble easily — shelves mount on four one-piece wedges along grooved, numbered posts. Shelves adjust on 1" (25mm) increments.

- **Rust & Corrosion-Proof:** All-polymer construction withstands moisture, chemicals, and harsh environments.
- **Lifetime:** Polymer shelves and posts offer a Lifetime Warranty against rust and corrosion.
- **Proven Stability:** Proven Metro corner design and rigid four-sided shelf frame deliver sturdy stationary, mobile, or high-density track shelving configurations.
- **Easy-to-Clean:** 6" (152mm) wide shelf mats easily remove from the shelf for cleaning by hand or in a commercial washer / dish machine.
- **Microban® Antimicrobial Product Protection** is built into the shelf mats 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".
- **Smooth, Protective Surfaces:** Smooth, flat surfaces protect packaged shelf contents from unwanted rips, tears, or damage.
- **Weight Load Capacities (Evenly Distributed)**
Shelf up to and including 48" (1220mm) length: 800 lbs. (363kg)
Shelf 54" (1372mm) or longer: 600 lbs. (272kg)
Stationary Unit: 2,000 lbs. (907kg)
Mobile Unit (with stem casters): up to 750 lbs. (340kg).
Multiply the caster load rating by 3 to determine actual rating [not to exceed 750 lbs.(340kg)].
- **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 seats into position over the posts and wedges. A unit can be assembled without tools in minutes.
- **Interchangeable:** Part of MetroMax platform, MetroMax 4 is compatible on the same shelving units with MetroMax i® and MetroMax Q® shelves.
- **Two shelf styles:** All MetroMax 4 shelf mats have a $\frac{3}{16}$ " (5mm) tall ship's edge built into each end to help contain supplies during mobile applications.
 - **Open Grid:** Promotes air flow and light penetration.
 - **Solid:** Built-in recesses help contain spills. Solid bottom shelf serves as a barrier to dirt and debris.
- **NSF Listed** for all environments.
- **Optional Accessories** are on spec sheet 9.25.



Open Grid Mat



Solid Mat



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MetroMax® 4 Polymer Shelving

Material Specifications:

- **Shelf Mats:** Polypropylene. Mats contain Microban® antimicrobial product protection.
- **Longitudinal Beams:** Pultrusions — continuous glass fibers and thermoset resin composite.
- **End Beams, Adjustable Foot and Socket, Shelf Wedge Connector:** Reinforced nylon.
- **Posts:** Pultrusions — continuous glass fibers and thermoset resin composite.
- **Post Cap:** High-density polyethylene.
- **Continuous Temperature Exposure Range** (with shelves under load): -20/120° F (-29/49° C).
For cleaning, the maximum intermittent temperature exposure is 212° F (100° C).



MetroMax 4 Shelves

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

Shelf with Grid Mats Model No.	Approx. Pkd. Wt.		Shelf with Solid Mats Model No.	Approx. Pkd. Wt.		Nominal Size				Actual Size			
	(lbs.)	(kg)		(lbs.)	(kg)	Width (mm)		Length (mm)		Width (mm)		Length (mm)	
MAX4-1824G	6.3	2.9	MAX4-1824F	6.5	3.0	18	457	24	610	18½	470	23 ¹⁵ / ₁₆	608
MAX4-1830G	7.4	3.4	MAX4-1830F	7.7	3.5	18	457	30	762	18½	470	29 ¹⁵ / ₁₆	760
MAX4-1836G	8.8	4.0	MAX4-1836F	9.2	4.2	18	457	36	914	18½	470	35 ¹⁵ / ₁₆	913
MAX4-1842G	9.6	4.3	MAX4-1842F	10.0	4.5	18	457	42	1067	18½	470	41 ¹⁵ / ₁₆	1065
MAX4-1848G	10.8	4.9	MAX4-1848F	11.3	5.1	18	457	48	1219	18½	470	47 ¹⁵ / ₁₆	1218
MAX4-1854G	11.7	5.3	MAX4-1854F	12.3	5.6	18	457	54	1372	18½	470	53 ¹⁵ / ₁₆	1370
MAX4-1860G	12.8	5.8	MAX4-1860F	13.5	6.1	18	457	60	1524	18½	470	59 ¹⁵ / ₁₆	1522
MAX4-2124G	6.9	3.1	MAX4-2124F	7.2	3.2	21	530	24	610	21½	546	23 ¹⁵ / ₁₆	608
MAX4-2130G	8.1	3.7	MAX4-2130F	8.5	3.8	21	530	30	762	21½	546	29 ¹⁵ / ₁₆	760
MAX4-2136G	9.6	4.4	MAX4-2136F	10.1	4.6	21	530	36	914	21½	546	35 ¹⁵ / ₁₆	913
MAX4-2142G	10.5	4.8	MAX4-2142F	11.0	5.0	21	530	42	1067	21½	546	41 ¹⁵ / ₁₆	1065
MAX4-2148G	11.9	5.4	MAX4-2148F	12.5	5.7	21	530	48	1219	21½	546	47 ¹⁵ / ₁₆	1218
MAX4-2154G	12.9	5.9	MAX4-2154F	13.6	6.2	21	530	54	1372	21½	546	53 ¹⁵ / ₁₆	1370
MAX4-2160G	14.2	6.4	MAX4-2160F	15.0	6.8	21	530	60	1524	21½	546	59 ¹⁵ / ₁₆	1522
MAX4-2424G	7.3	3.3	MAX4-2424F	7.8	3.5	24	610	24	610	24½	622	23 ¹⁵ / ₁₆	608
MAX4-2430G	8.8	4.0	MAX4-2430F	9.3	4.2	24	610	30	762	24½	622	29 ¹⁵ / ₁₆	760
MAX4-2436G	10.5	4.8	MAX4-2436F	11.9	5.0	24	610	36	914	24½	622	35 ¹⁵ / ₁₆	913
MAX4-2442G	11.8	5.4	MAX4-2442F	12.3	5.6	24	610	42	1067	24½	622	41 ¹⁵ / ₁₆	1065
MAX4-2448G	13.1	5.9	MAX4-2448F	13.9	6.3	24	610	48	1219	24½	622	47 ¹⁵ / ₁₆	1218
MAX4-2454G	14.3	6.5	MAX4-2454F	15.4	7.0	24	610	54	1372	24½	622	53 ¹⁵ / ₁₆	1370
MAX4-2460G	15.5	7.0	MAX4-2460F	17.0	7.7	24	610	60	1524	24½	622	59 ¹⁵ / ₁₆	1522

Note: Mobile Units taller than 54" (1372mm) require four shelves or more.



x4

Replacement MetroMax 4 Wedges
Cat. No. MAX4-9985
Bag of four wedges

Stationary Posts

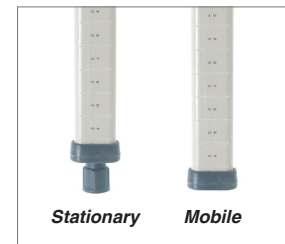
Model No.	Nominal Height		Actual Height*		Approx. Pkd. Wt.	
	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)
MX13P	13	370	14 ³ / ₁₆	360	0.5	0.2
MX27P	27	685	28 ³ / ₁₆	716	0.9	0.4
MX33P	33	875	34 ³ / ₁₆	868	1.0	0.5
MX54P	54	1370	54 ³ / ₁₆	1376	1.6	0.7
MX63P	63	1585	62 ³ / ₁₆	1580	1.8	0.8
MX74P	74	1890	74 ³ / ₁₆	1884	2.2	1.0
MX86P	86	2195	86 ³ / ₁₆	2189	3.0	1.4

*Actual Height with leveling foot completely tightened. Leveling foot can be adjusted up to 1" (25mm) to compensate for uneven floors.

Mobile Posts — for use with stem casters

Model No.	Nominal Height		Actual Height		Approx. Pkd. Wt.	
	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)
MX13UP	13	370	13 ³ / ₁₆	335	0.5	0.2
MX27UP	27	685	27 ³ / ₁₆	691	0.9	0.4
MX33UP	33	875	33 ³ / ₁₆	843	1.0	0.5
MX54UP	54	1370	53 ³ / ₁₆	1351	1.6	0.7
MX63UP	63	1585	61 ³ / ₁₆	1554	1.8	0.8
MX70UP	70	1778	69 ³ / ₁₆	1757	2.0	0.9
MX74UP	74	1890	73 ³ / ₁₆	1859	2.2	1.0
MX86UP	86	2195	85 ³ / ₁₆	2164	3.0	1.4

Consult spec sheet 9.25 for stem casters.



Stationary Mobile

Note: For special height cut posts, consult your Metro representative.

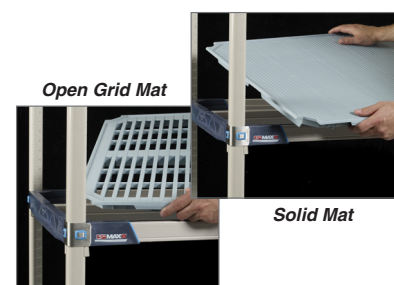
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MetroMax® i Polymer Shelving



All polymer corrosion-proof shelving constructed of advanced polymers and Type 304 stainless corners. Open grid or solid shelf mats easily lift off the shelf frames. Shelves and polymer posts offer a lifetime warranty against rust and corrosion. Shelf mats have built-in Microban® antimicrobial product protection. Shelf has a rigid four-sided frame with center truss. 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 numbered, grooved posts and adjust on 1" (25mm) increments.

- **Rust & Corrosion-Proof:** All-polymer and Type 304 stainless design withstands moisture, chemicals, and harsh environments.
- **Forever Guarantee:** Lifetime warranty against rust and corrosion.
- **Maximum Strength:** Proven corner connection and rigid four-sided frame with center truss assure stability and strength in stationary, mobile, and high-density track shelving configurations.
1000 lbs. (454kg) per shelf for lengths of 24" to 48" (610 to 1219mm)
750 lbs. (340kg) 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.
- **Easiest to Clean:** Smooth surfaces easily wipe clean. 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 to help fight the growth of stain and odor-causing bacteria, fungi, mold, and mildew to keep product cleaner between cleanings.
- **Smooth, Protective Surfaces:** Smooth, flat surfaces protect packaged shelf contents from unwanted rips, tears, or damage.
- **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 seats into position over the posts and wedges. A unit can be assembled without tools in minutes.
- **Interchangeable:** Part of the MetroMax platform, corrosion proof MetroMax i shelves are compatible on the same shelving units with MetroMax Q and MetroMax 4 shelves.
- **Robust Open Grid and Solid Mat Options:** Shelf mats are sturdy and safely support concentrated loads from instrumentation and equipment. Built-in ship's edge helps contain supplies in mobile applications.
Open grid mats are sectioned and promote air circulation and light penetration.
One-piece solid mats offer maximum spill retention and are ideal to protect items on the bottom shelf from dirt or backsplashes from cleaning floors.
Note: 72" L (1829mm) solid shelf has two mat sections.
- **NSF Listed** for all environments.
- **Maximum Versatility:** complete line of accessories are found on spec sheet 9.25.



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Supports good
HACCP
processes



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

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MetroMax® i Polymer Shelving



Material Specifications:

- **Shelf Mats:** Polypropylene with built-in Microban antimicrobial product protection.
- **Longitudinal Beams:** Pultrusions — continuous glass fibers and thermoset resin composite.
- **End Beams, Adjustable Foot and Socket, Shelf Wedge Connector:** Reinforced nylon.
- **Fasteners:** Type 304 stainless steel screws.
- **Posts:** Pultrusions — continuous glass fibers and thermoset resin composite.
- **Post Cap and Center Beam Cap:** High-density polyethylene.
- **“S” Hook Tab Hole Plug:** Vinyl.
- **Collar and “S” Hook:** Type 304 stainless steel.
- **Continuous Temperature:** MetroMax i® can be used continuously within a range of -20/120° F (-29/49° C) with intermittent exposure to 212° F (100° C) for cleaning.



**Replacement
MetroMax i Wedges**
Cat. No. **MX9985**
Bag of 4 wedges

Standard Shelves

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

Shelf with Grid Mats Model No.	Approx. Pkd. Wt.		Shelf with Solid Mat Model No.	Approx. Pkd. Wt.		Nominal Size		Actual Size					
	(lbs.)	(kg)		(lbs.)	(kg)	Width (in.)	Length (mm)	Width (in.)	Length (mm)	Width (in.)	Length (mm)		
MX1824G	8.7	4.0	MX1824F	12.7	5.8	18	457	24	610	18 ¹ / ₄	464	23 ¹¹ / ₁₆	602
MX1830G	10.5	4.7	MX1830F	14.5	6.6	18	457	30	762	18 ¹ / ₄	464	29 ¹ / ₁₆	754
MX1836G	12.2	5.5	MX1836F	17.2	7.8	18	457	36	914	18 ¹ / ₄	464	35 ¹¹ / ₁₆	907
MX1842G	13.9	6.3	MX1842F	20.1	9.1	18	457	42	1067	18 ¹ / ₄	464	41 ¹¹ / ₁₆	1059
MX1848G	15.7	7.1	MX1848F	23.1	10.5	18	457	48	1219	18 ¹ / ₄	464	47 ¹¹ / ₁₆	1211
MX1854G	17.5	7.9	MX1854F	21.5	9.7	18	457	54	1372	18 ¹ / ₄	464	53 ¹¹ / ₁₆	1364
MX1860G	19.2	8.7	MX1860F	23.2	10.5	18	457	60	1524	18 ¹ / ₄	464	59 ¹¹ / ₁₆	1516
MX1872G	22.5	10.2	MX1872F	27.5	12.5	18	457	72	1829	18 ¹ / ₄	464	71 ¹¹ / ₁₆	1821
MX2424G	12.2	5.5	MX2424F	14.2	6.4	24	610	24	610	24 ¹ / ₄	616	23 ¹¹ / ₁₆	602
MX2430G	13.9	6.3	MX2430F	15.9	7.2	24	610	30	762	24 ¹ / ₄	616	29 ¹ / ₁₆	754
MX2436G	15.6	7.1	MX2436F	19.6	8.9	24	610	36	914	24 ¹ / ₄	616	35 ¹¹ / ₁₆	907
MX2442G	17.5	7.9	MX2442F	21.5	9.8	24	610	42	1067	24 ¹ / ₄	616	41 ¹¹ / ₁₆	1059
MX2448G	19.3	8.7	MX2448F	25.3	11.5	24	610	48	1219	24 ¹ / ₄	616	47 ¹¹ / ₁₆	1211
MX2454G	21.0	9.5	MX2454F	25.0	11.3	24	610	54	1372	24 ¹ / ₄	616	53 ¹¹ / ₁₆	1364
MX2460G	22.8	10.3	MX2460F	26.8	12.1	24	610	60	1524	24 ¹ / ₄	616	59 ¹¹ / ₁₆	1516
MX2472G	26.0	11.8	MX2472F	31.0	14.1	24	610	72	1829	24 ¹ / ₄	616	71 ¹¹ / ₁₆	1821

Heavy-Duty Dunnage Shelves

- Weight capacity per shelf evenly distributed: 1,200 lbs. (544kg) on shelves up to and including 48" (1220mm) long; 900 lbs. (408kg) for shelves 54" (1370mm) and longer.
- Dunnage shelves are recommended for use on units with four posts, not as part of an add-on unit with two posts.

Shelf with Grid Mat Model No.	Nominal Size		Approx. Pkd. Wt. (lbs.) (kg)			
	Width (in.) (mm)	Length (in.) (mm)				
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

Stationary Posts

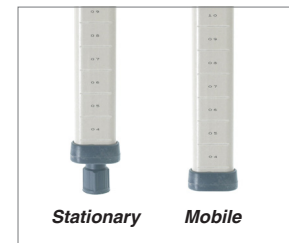
Model No.	Nominal Height		Actual Height*		Approx. Pkd. Wt.	
	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)
MX13P	13	370	14 ³ / ₁₆	360	0.5	0.2
MX27P	27	685	28 ³ / ₁₆	716	0.9	0.4
MX33P	33	875	34 ³ / ₁₆	868	1.0	0.5
MX54P	54	1370	54 ³ / ₁₆	1376	1.6	0.7
MX63P	63	1585	62 ³ / ₁₆	1580	1.8	0.8
MX74P	74	1890	74 ³ / ₁₆	1884	2.2	1.0
MX86P	86	2195	86 ³ / ₁₆	2189	3.0	1.4

*Actual Height with leveling foot completely tightened. Leveling foot can be adjusted up to 1" (25mm) to compensate for uneven floors.

Mobile Posts — for use with stem casters

Model No.	Nominal Height		Actual Height		Approx. Pkd. Wt.	
	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)
MX9UP	9	228	9 ³ / ₁₆	233	0.3	0.15
MX13UP	13	370	13 ³ / ₁₆	335	0.5	0.2
MX27UP	27	685	27 ³ / ₁₆	691	0.9	0.4
MX33UP	33	875	33 ³ / ₁₆	843	1.0	0.5
MX54UP	54	1370	53 ³ / ₁₆	1351	1.6	0.7
MX63UP	63	1585	61 ³ / ₁₆	1554	1.8	0.8
MX70UP	70	1778	69 ³ / ₁₆	1757	2.0	0.9
MX74UP	74	1890	73 ³ / ₁₆	1859	2.2	1.0
MX86UP	86	2195	85 ³ / ₁₆	2164	3.0	1.4

Consult spec sheet 9.25 for stem casters.



Note: For special height cut posts, consult your Metro representative.



Item # _____

We put space to work.

Job _____

Metro® Stem Casters - MetroMax®

Metro Stem-Type Casters are designed to fit MetroMax posts to form shelf carts and other mobile units. Bumpers are included.

Plated Casters with High Modulus treads

- Non marking high modulus donut tread and polyolefin hub. Plated horns, stems, axles, and brakes (optional) are appropriate for dry environments and for medium duty applications. Ball bearing swivel and axle. NSF listed. Bumpers included. Brake style: pedal brake.
- TPR tread (70 shore): Quieter than polyurethane and resilient rubber caster options.

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg.)	Type	Wheel Tread	Temperature range (Continuous usage)		Apprx. Pkd. Wt.		MetroMax Cat. No.
					(Fahrenheit)	(Celsius)	(lbs.)	(kg.)	
5 127	1.25 32	250 113	Stem/Swivel	High Modulus Donut	-20° - 180°	-29° - 82°	2.2	1.0	5MDXA
5 127	1.25 32	250 113	Stem/Brake	High Modulus Donut	-20° - 180°	-29° - 82°	2.4	1.1	5MDBXA
5 127	1.25 32	250 113	Stem/Rigid	High Modulus Donut	-20° - 180°	-29° - 82°	2.2	1.0	5MDXRA

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



For all rigid casters.

Rigid stem casters improve tracking and handling of mobile units over long distances. Rigid caster channels are selected at the time of order.

How to Order:

Order (2) Rigid Casters
Select Rigid Channel based on the depth of the shelving. (Provided at no charge)

Bumpers are included with each caster.



Plated Casters with Polyurethane Tread

- Chrome plated horns, stems, axles, and brakes (optional) are appropriate for dry environments and for medium duty applications. Non marking polyurethane flat tread and polyethylene hub. Ball bearing swivel and axle. NSF listed. Bumpers included. Brake style: side brake.

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg.)	Type	Wheel Tread	Temperature range (Continuous usage)		Apprx. Pkd. Wt.		Cat. No.
					(Fahrenheit)	(Celsius)	(lbs.)	(kg.)	
5 127	1.25 32	300 135	Stem/Swivel	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.5	1.1	5MPX
5 127	1.25 32	300 135	Stem/Brake	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.7	1.2	5MPBX
5 127	1.25 32	300 135	Stem/Rigid	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.4	1.1	5MPRX

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



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

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Stem Casters - MetroMax

Plated Casters with resilient rubber treads

- Solid resilient rubber material. Plated horns, stems, axles, and brakes (optional) are appropriate for dry environments and for medium duty applications. Ball bearing swivel. NSF listed. Bumpers included. Brake style: side brake.

Wheel Diameter		Face		Load Rating		Type	Wheel Tread	Temperature range (Continuous usage)		Apprx. Pkd. Wt.		Cat. No.
(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg.)			(Fahrenheit)	(Celsius)	(lbs.)	(kg.)	
5	127	1-1/4	32	200	90	Stem/Swivel	Resilient, Flat	-20° - 160°	-29° - 71°	2.9	1.3	5MX
5	127	1-1/4	32	200	90	Stem/Brake	Resilient, Flat	-20° - 160°	-29° - 71°	3.1	1.4	5MBX
5	127	1-1/4	32	200	90	Stem/Rigid	Resilient, Flat	-20° - 160°	-29° - 71°	2.9	1.3	5MRX

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



5MX



5MBX



5MRX

**Bumpers are included
with each caster.**

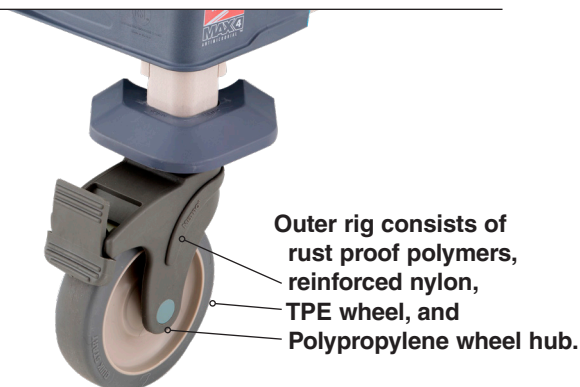




Stem Casters - MetroMax

Polymer & Stainless Total-Guard Caster

- High rust protection: Reinforced nylon rig with Stainless Steel stem and hardware.
- Maintenance Free: Sealed swivel SS ball bearings and Delrin axle bearings.
- Swivel and Total Lock Brake options.
- Pedal brake locks the wheel and the swivel motion. More control than conventional stem casters with wheel brakes only.
- Non-marking Thermoplastic Elastomer [TPE] tread (70 shore) is quieter and more shock absorbent than a TPU tread.



Wheel Diameter		Face		Load Rating		Type	Wheel Tread	Temperature range (continuous)		Apprx. Pkd. Wt.		Model No.
(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)			(Fahrenheit)	(Celsius)	(lbs.)	(kg)	
5	127	1.25	32	250	113	Stem/Swivel	TPE, Flat	-20° - 120°	-29° - 49°	1.8	0.8	5PSTEX
5	127	1.25	32	250	113	Stem/Brake	TPE, Flat	-20° - 120°	-29° - 49°	2.0	0.9	5PSTEBX

Best uses...

- Best suited for use with MetroMax and Metroseal shelving
- Best tread for high humidity controlled environments
- Excellent Corrosion Resistance
- Excellent Chemical Resistance
- Best option for aquatic facilities (environments with high salt exposure)
- Low magnetism: Best option for MRI and RFID applications
- A good option for cart wash chamber cleaning processes.

Where not to use...

- Tread not suited for exposure to acids or petroleum based chemicals.



5PSTEX
Swivel



5PSTEBX
Total Lock

Standard Polymer Casters

- Basic corrosion protection: Reinforced nylon rig with chromate plated stem and swivel raceway
- Maintenance Free: Sealed swivel ball bearings and Delrin axle bearings
- Swivel, Total-Lock Brake, and Rigid options
- Pedal brake locks the wheel AND swivel motion
- Non-marking polyurethane (TPU) tread
- Optional Models with built-in antimicrobial TPU tread

Bumpers are included with each caster.



Wheel Diameter		Face		Load Rating		Type	Wheel Tread	Temperature range (continuous)		Apprx. Pkd. Wt.		MetroMax Model No.
(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)			(Fahrenheit)	(Celsius)	(lbs.)	(kg)	
5	127	1.25	32	300	135	Stem/Swivel	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.1	1.0	5PCX
5	127	1.25	32	300	135	Stem/Brake	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.3	1.0	5PCBX
5	127	1.25	32	300	135	Stem/Rigid	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.1	1.0	5PCRX
5	127	1.25	32	300	135	Stem/Swivel	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.0	0.9	5PCXM
5	127	1.25	32	300	135	Stem/Brake	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.2	1.0	5PCBXM

Tread with built-in antimicrobial.

Note: Rigid connecting channel (aluminum): Cat. No. P14RC, P18RC, P21RC, P24RC.

Best uses...

- Basic Corrosion Protection versus common industrial casters
- Good Chemical Resistance

Where not to use...

- Not suited for areas with spray sterilization processes on regular basis
- Not suited for high humidity controlled environments
- Not suited for high temperature cart wash chambers



5PCX
Swivel



5PCBX
Swivel & Brake



5PCXM
Antimicrobial
Tread Swivel



5PCBXM
Antimicrobial
Tread Swivel
Brake

Job _____



Stem Casters - MetroMax

We put space to work.

Premium Type 304 Stainless Steel Casters

- Type 304 Stainless Steel Rig, Hardware and SS bearings.
- Non-marking Treads
- Swivel, Brake, and Rigid Options
- Pedal brake locks the wheel

Bumpers are included with each caster.



Polyurethane (TPU) Tread Models

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg)		Type	Wheel Tread	Temperature range (continuous) (Fahrenheit) (Celsius)		Apprx. Pkd. Wt. (lbs.) (kg)		MetroMax Model No.		
5	127	1.25	32	300	135	Stem/Swivel	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.3	1.0	5MPXGSA
5	127	1.25	32	300	135	Stem/Brake	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.5	1.1	5MPBXGSA
5	127	1.25	32	300	135	Stem/Rigid	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.3	1.0	5MPRXGSA

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



5MPXGSA



5MPBXGSA



5MPRXGSA

Best uses...

- Best suited for high temperature cart wash chambers up to 180F (82C) when paired with Stainless Steel Shelving.
- Moving heavy loads regularly (90 shore TPU tread)
- High impact mobile uses (elevators, thresholds, ramps)
- Excellent Corrosion Resistance
- Excellent Chemical Resistance

Thermoplastic Rubber (TPR) Tread Models

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg)		Type	Wheel Tread	Temperature range (continuous) (Fahrenheit) (Celsius)		Apprx. Pkd. Wt. (lbs.) (kg)		MetroMax Model No.		
5	127	1.25	32	250	113	Stem/Swivel	TPR donut	-20° - 180°	-29° - 82°	2.4	1.1	5MDGSXA
5	127	1.25	32	250	113	Stem/Brake	TPR donut	-20° - 180°	-29° - 82°	2.6	1.2	5MDBGSXA
5	127	1.25	32	250	113	Stem/Rigid	TPR donut	-20° - 180°	-29° - 82°	2.4	1.1	5MDRGSXA

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



5MDGSXA



5MDBGSXA



5MDRGSXA

Best uses...

- Best tread for high humidity controlled environments
- Excellent Corrosion Resistance
- Excellent Chemical Resistance
- Softer TPR donut tread (70 shore) is more shock absorbent than TPU

Where not to use...

- Tread not suited for exposure to acids or petroleum based chemicals.

Maintenance - Stainless Casters

- TPU tread swivel and swivel/brake models: Swivel raceway has a grease fitting. The axle has sealed bearings that do not require additional lubrication.
- TPR tread swivel and swivel/brake models: swivel raceway and axles have grease fittings. Rigid caster model has an axle with a grease fitting.
- User should determine the frequency of maintenance based on their usage conditions.

Job _____



Stem Casters - MetroMax

We put space to work.®

- **Swivel and Swivel/Brake casters** rotate a full 360 degrees for easy maneuvering.
- **Brakes:** Wheel brakes are foot operated.
- **Bumpers:** Non Phthalate vinyl material is strong yet flexible to protect walls from damage. Each caster, except where noted, includes a 3-1/2" (89mm) diameter bumper. Optional 5" (127mm) diameter bumpers are available.
- **Weight Load Capacity** of a cart (evenly distributed): Caster Load Rating x 3.

Caster Wheel Material Guide

Caster Tread	Grease/Oil Resistance	Floor Protection	Load Rating	Key Advantage
Resilient Rubber	Low	High	200 lbs. (90kg)	Basic mobility.
High Modulus Rubber	High	High	250 lbs. (113kg)	Quieter than resilient rubber and polyurethane. Well suited for environments with constant exposure to moisture and/or high humidity.
Polyurethane	High	High	300 lbs. (135kg)	Easiest to move heavy loads.

Replacement Bumpers

Non Phthalate Vinyl

Height (in.)	Height (mm)	MetroMax Cat. No.
.84	22	M9992DBX



Rigid Caster Channels

- Typically used opposite two swivel style casters to create carts that are easy to steer over long distances.
- Note: A type 304 stainless rigid caster channel is included at no charge with each two rigid plated or SS casters. An aluminum rigid channel is included with each two polymer horn rigid casters (model 5PCR).

For shelf depth		Cat. No.	(For use with 5PCR)	
(in.)	(mm)		Cat. No.	Cat. No.
14"	355	14RS	P14RC	
18"	457	18RS	P18RC	
21"	530	21RS	P21RC	
24"	610	24RS	P24RC	



Rigid Caster Channel

Swivel Casters



24RS



P24RC

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an Ali Group Company



The Spirit of Excellence



Item # _____

We put space to work.

Job _____

Metro® Stem Casters - MetroMax®

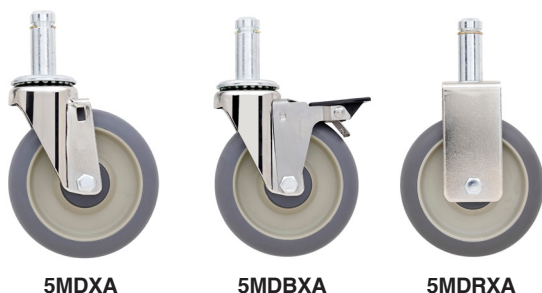
Metro Stem-Type Casters are designed to fit MetroMax posts to form shelf carts and other mobile units. Bumpers are included.

Plated Casters with High Modulus treads

- Non marking high modulus donut tread and polyolefin hub. Plated horns, stems, axles, and brakes (optional) are appropriate for dry environments and for medium duty applications. Ball bearing swivel and axle. NSF listed. Bumpers included. Brake style: pedal brake.
- TPR tread (70 shore): Quieter than polyurethane and resilient rubber caster options.

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg.)	Type	Wheel Tread	Temperature range (Continuous usage)		Apprx. Pkd. Wt.		MetroMax Cat. No.
					(Fahrenheit)	(Celsius)	(lbs.)	(kg.)	
5 127	1.25 32	250 113	Stem/Swivel	High Modulus Donut	-20° - 180°	-29° - 82°	2.2	1.0	5MDXA
5 127	1.25 32	250 113	Stem/Brake	High Modulus Donut	-20° - 180°	-29° - 82°	2.4	1.1	5MDBXA
5 127	1.25 32	250 113	Stem/Rigid	High Modulus Donut	-20° - 180°	-29° - 82°	2.2	1.0	5MDXRA

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



For all rigid casters.

Rigid stem casters improve tracking and handling of mobile units over long distances. Rigid caster channels are selected at the time of order.

How to Order:

Order (2) Rigid Casters
Select Rigid Channel based on the depth of the shelving. (Provided at no charge)

Bumpers are included with each caster.



Plated Casters with Polyurethane Tread

- Chrome plated horns, stems, axles, and brakes (optional) are appropriate for dry environments and for medium duty applications. Non marking polyurethane flat tread and polyethylene hub. Ball bearing swivel and axle. NSF listed. Bumpers included. Brake style: side brake.

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg.)	Type	Wheel Tread	Temperature range (Continuous usage)		Apprx. Pkd. Wt.		Cat. No.
					(Fahrenheit)	(Celsius)	(lbs.)	(kg.)	
5 127	1.25 32	300 135	Stem/Swivel	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.5	1.1	5MPX
5 127	1.25 32	300 135	Stem/Brake	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.7	1.2	5MPBX
5 127	1.25 32	300 135	Stem/Rigid	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.4	1.1	5MPRX

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



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Stem Casters - MetroMax

Plated Casters with resilient rubber treads

- Solid resilient rubber material. Plated horns, stems, axles, and brakes (optional) are appropriate for dry environments and for medium duty applications. Ball bearing swivel. NSF listed. Bumpers included. Brake style: side brake.

Wheel Diameter		Face		Load Rating		Type	Wheel Tread	Temperature range (Continuous usage)		Apprx. Pkd. Wt.		Cat. No.
(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg.)			(Fahrenheit)	(Celsius)	(lbs.)	(kg.)	
5	127	1-1/4	32	200	90	Stem/Swivel	Resilient, Flat	-20° - 160°	-29° - 71°	2.9	1.3	5MX
5	127	1-1/4	32	200	90	Stem/Brake	Resilient, Flat	-20° - 160°	-29° - 71°	3.1	1.4	5MBX
5	127	1-1/4	32	200	90	Stem/Rigid	Resilient, Flat	-20° - 160°	-29° - 71°	2.9	1.3	5MRX

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.

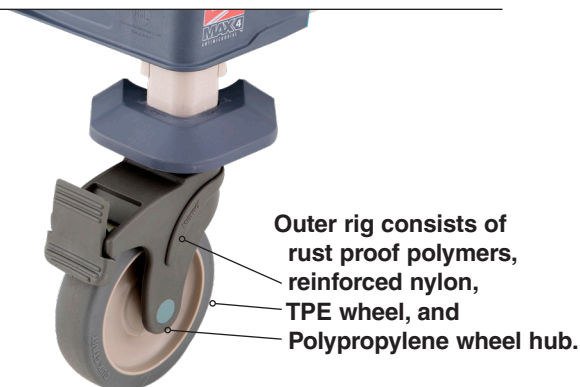




Stem Casters - MetroMax

Polymer & Stainless Total-Guard Caster

- High rust protection: Reinforced nylon rig with Stainless Steel stem and hardware.
- Maintenance Free: Sealed swivel SS ball bearings and Delrin axle bearings.
- Swivel and Total Lock Brake options.
- Pedal brake locks the wheel and the swivel motion. More control than conventional stem casters with wheel brakes only.
- Non-marking Thermoplastic Elastomer [TPE] tread (70 shore) is quieter and more shock absorbent than a TPU tread.



Wheel Diameter		Face		Load Rating		Type	Wheel Tread	Temperature range (continuous)		Apprx. Pkd. Wt.		Model No.
(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)			(Fahrenheit)	(Celsius)	(lbs.)	(kg)	
5	127	1.25	32	250	113	Stem/Swivel	TPE, Flat	-20° - 120°	-29° - 49°	1.8	0.8	5PSTEX
5	127	1.25	32	250	113	Stem/Brake	TPE, Flat	-20° - 120°	-29° - 49°	2.0	0.9	5PSTEBX

Best uses...

- Best suited for use with MetroMax and Metroseal shelving
- Best tread for high humidity controlled environments
- Excellent Corrosion Resistance
- Excellent Chemical Resistance
- Best option for aquatic facilities (environments with high salt exposure)
- Low magnetism: Best option for MRI and RFID applications
- A good option for cart wash chamber cleaning processes.

Where not to use...

- Tread not suited for exposure to acids or petroleum based chemicals.



5PSTEX
Swivel



5PSTEBX
Total Lock

Standard Polymer Casters

- Basic corrosion protection: Reinforced nylon rig with chromate plated stem and swivel raceway
- Maintenance Free: Sealed swivel ball bearings and Delrin axle bearings
- Swivel, Total-Lock Brake, and Rigid options
- Pedal brake locks the wheel AND swivel motion
- Non-marking polyurethane (TPU) tread
- Optional Models with built-in antimicrobial TPU tread

Bumpers are included with each caster.



Wheel Diameter		Face		Load Rating		Type	Wheel Tread	Temperature range (continuous)		Apprx. Pkd. Wt.		MetroMax Model No.
(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)			(Fahrenheit)	(Celsius)	(lbs.)	(kg)	
5	127	1.25	32	300	135	Stem/Swivel	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.1	1.0	5PCX
5	127	1.25	32	300	135	Stem/Brake	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.3	1.0	5PCBX
5	127	1.25	32	300	135	Stem/Rigid	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.1	1.0	5PCRX
5	127	1.25	32	300	135	Stem/Swivel	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.0	0.9	5PCXM
5	127	1.25	32	300	135	Stem/Brake	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.2	1.0	5PCBXM

Tread with built-in antimicrobial.

Note: Rigid connecting channel (aluminum): Cat. No. P14RC, P18RC, P21RC, P24RC.

Best uses...

- Basic Corrosion Protection versus common industrial casters
- Good Chemical Resistance

Where not to use...

- Not suited for areas with spray sterilization processes on regular basis
- Not suited for high humidity controlled environments
- Not suited for high temperature cart wash chambers



5PCX
Swivel



5PCBX
Swivel & Brake



5PCXM
Antimicrobial
Tread Swivel



5PCBXM
Antimicrobial
Tread Swivel
Brake

Job _____



Stem Casters - MetroMax

We put space to work.

Premium Type 304 Stainless Steel Casters

- Type 304 Stainless Steel Rig, Hardware and SS bearings.
- Non-marking Treads
- Swivel, Brake, and Rigid Options
- Pedal brake locks the wheel

Bumpers are included with each caster.



Polyurethane (TPU) Tread Models

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg)		Type	Wheel Tread	Temperature range (continuous) (Fahrenheit) (Celsius)		Apprx. Pkd. Wt. (lbs.) (kg)		MetroMax Model No.		
5	127	1.25	32	300	135	Stem/Swivel	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.3	1.0	5MPXGSA
5	127	1.25	32	300	135	Stem/Brake	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.5	1.1	5MPBXGSA
5	127	1.25	32	300	135	Stem/Rigid	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.3	1.0	5MPRXGSA

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



5MPXGSA



5MPBXGSA



5MPRXGSA

Best uses...

- Best suited for high temperature cart wash chambers up to 180F (82C) when paired with Stainless Steel Shelving.
- Moving heavy loads regularly (90 shore TPU tread)
- High impact mobile uses (elevators, thresholds, ramps)
- Excellent Corrosion Resistance
- Excellent Chemical Resistance

Thermoplastic Rubber (TPR) Tread Models

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg)		Type	Wheel Tread	Temperature range (continuous) (Fahrenheit) (Celsius)		Apprx. Pkd. Wt. (lbs.) (kg)		MetroMax Model No.		
5	127	1.25	32	250	113	Stem/Swivel	TPR donut	-20° - 180°	-29° - 82°	2.4	1.1	5MDGSXA
5	127	1.25	32	250	113	Stem/Brake	TPR donut	-20° - 180°	-29° - 82°	2.6	1.2	5MDBGSXA
5	127	1.25	32	250	113	Stem/Rigid	TPR donut	-20° - 180°	-29° - 82°	2.4	1.1	5MDRGSXA

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



5MDGSXA



5MDBGSXA



5MDRGSXA

Best uses...

- Best tread for high humidity controlled environments
- Excellent Corrosion Resistance
- Excellent Chemical Resistance
- Softer TPR donut tread (70 shore) is more shock absorbent than TPU

Where not to use...

- Tread not suited for exposure to acids or petroleum based chemicals.

Maintenance - Stainless Casters

- TPU tread swivel and swivel/brake models: Swivel raceway has a grease fitting. The axle has sealed bearings that do not require additional lubrication.
- TPR tread swivel and swivel/brake models: swivel raceway and axles have grease fittings. Rigid caster model has an axle with a grease fitting.
- User should determine the frequency of maintenance based on their usage conditions.

Job _____



Stem Casters - MetroMax

We put space to work.®

- **Swivel and Swivel/Brake casters** rotate a full 360 degrees for easy maneuvering.
- **Brakes:** Wheel brakes are foot operated.
- **Bumpers:** Non Phthalate vinyl material is strong yet flexible to protect walls from damage. Each caster, except where noted, includes a 3-1/2" (89mm) diameter bumper. Optional 5" (127mm) diameter bumpers are available.
- **Weight Load Capacity** of a cart (evenly distributed): Caster Load Rating x 3.

Caster Wheel Material Guide

Caster Tread	Grease/Oil Resistance	Floor Protection	Load Rating	Key Advantage
Resilient Rubber	Low	High	200 lbs. (90kg)	Basic mobility.
High Modulus Rubber	High	High	250 lbs. (113kg)	Quieter than resilient rubber and polyurethane. Well suited for environments with constant exposure to moisture and/or high humidity.
Polyurethane	High	High	300 lbs. (135kg)	Easiest to move heavy loads.

Replacement Bumpers

Non Phthalate Vinyl

Height (in.)	Height (mm)	MetroMax Cat. No.
.84	22	M9992DBX



Rigid Caster Channels

- Typically used opposite two swivel style casters to create carts that are easy to steer over long distances.
- Note: A type 304 stainless rigid caster channel is included at no charge with each two rigid plated or SS casters. An aluminum rigid channel is included with each two polymer horn rigid casters (model 5PCR).

For shelf depth		Cat. No.	(For use with 5PCR)	
(in.)	(mm)		Cat. No.	Cat. No.
14"	355	14RS	P14RC	
18"	457	18RS	P18RC	
21"	530	21RS	P21RC	
24"	610	24RS	P24RC	



24RS



P24RC

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

an Ali Group Company



The Spirit of Excellence



Item # _____

We put space to work.

Job _____

MetroMax® Top-Track® High-Density Storage

For MetroMax i, MetroMax 4 and MetroMax Q



- **Maximizes Storage Capacity:** Top-Track can increase the storage capacity of a given area up to 40%. The system allows more storage units to fit in a defined space. A movable, open aisle allows full access to each entire shelving unit thus eliminating hard to reach or “dead” spaces.
- **Easy Access:** The overhead track system guides the mobile units and opens an access aisle between any two units, whenever it is needed. The track is above the storage units enabling easy access for employees or for utility carts, simplifying the material handling task.
- **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.
- **Uniquely Interchangeable:** Corrosion resistant MetroMax Q steel posts can improve the overall rigidity of the Top-Track system in higher weight bearing applications. Polymer posts are offer rust-proof performance.

- **Clean Design:** Guide tracks are installed overhead enabling easy cleaning of floors. MetroMax shelves feature removable polymer mats. *Microban antimicrobial product protection is built into the high contact areas of the shelving systems — shelf mats, frames, and posts — to inhibit the growth of bacteria, mold, mildew, and fungus that cause odors and product degradation. Microban product protection keeps the shelves and posts “cleaner between cleanings”.
- **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.

The system compensates for uneven floor surfaces. Floor should be smooth and free from large cracks or raised obstacles.

All MetroMax shelving styles are available for Top-Track configurations.

MetroMax i: (heavier duty polymer shelving with stainless corners) most commonly used with polymer posts. See spec sheet 9.20 for more information.

MetroMax 4: all-polymer shelving; most commonly used with polymer posts. See spec sheet 9.22 for more information.

MetroMax Q: (hybrid polymer and wire shelving) most commonly used with epoxy coated steel posts. See spec sheet 9.21 for more information.



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MetroMax® Top-Track® High-Density Storage

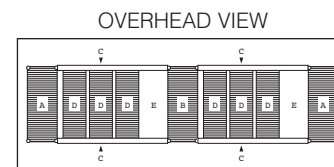
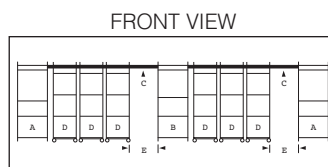
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MetroMax[®] Top-Track[®] High-Density Storage

SYSTEM COMPONENTS

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



System Measurements

- Actual length: Nominal track length + the nominal width of each end unit + 2" (51mm)
- Actual width: Nominal Shelf length + 3-1/2" (89mm)
- Actual height of system is approximately 87" (2210mm)

It is recommended that the tracks are installed at least 5" (127mm) from the wall.

Mobile Unit Measurements

To accommodate bumpers, the actual size of a mobile unit is 2.5" (63.5 mm) wider than the shelf width shown. For example, an 18" (457 mm) wide unit is actually 20.5" (521 mm).

Choosing shelves: All end, intermediate, and mobile units must be 18" (457 mm) or wider. Choose from MetroMax i, MetroMax 4, or MetroMax Q options.

Stationary End Unit Kit (Choose one kit for each system)

Includes 86" high posts (2184mm) high stationary posts, and hardware necessary for connecting stationary end units to tracks. Shelves are sold separately.

Fits Shelf Width (in.) (mm)	MetroMax Q Steel Posts			MetroMax Polymer Posts		
	Approx. Pkd. Wt. (lbs.) (kg)	Cat. No.	Approx. Pkd. Wt. (lbs.) (kg)	Cat. No.		
18 457	55.4 25.1	MQTTE18	31.0 15.7	MXTTE18		
21 530	55.9 25.4	MQTTE21	31.5 15.9	MXTTE21		
24 610	56.4 25.6	MQTTE24	32.0 16.1	MXTTE24		



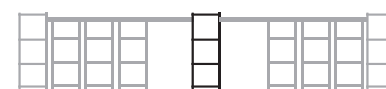
Traditional Configuration with stationary end units. ONE End Unit Kit is required per system. Shelves are ordered separately.

Note: All kits come with plated foot plates. Stainless Steel Foot plates must be ordered separately

Stationary Intermediate Units

Required when overall desired track length exceeds 21' (6405mm). Optional when track length is under 21' (6405mm). Includes 86" high posts (2184mm) high stationary posts, and hardware necessary for connecting one stationary intermediate unit to tracks. Shelves are sold separately.

Fits Shelf Width (in.) (mm)	MetroMax Q Steel Posts			MetroMax Polymer Posts		
	Approx. Pkd. Wt. (lbs.) (kg)	Cat. No.	Approx. Pkd. Wt. (lbs.) (kg)	Cat. No.		
18 457	32.2 14.6	MQTTA18	21.8 9.9	MXTTE18		
21 530	32.7 14.8	MQTTA21	22.3 10.1	MXTTE21		
24 610	33.2 15.1	MQTTA24	22.8 10.3	MXTTE24		



ONE Intermediate Kit (see rules). Shelves are ordered separately.

Note: All kits come with plated foot plates. Stainless Steel Foot plates must be ordered separately

Mobile Units (One kit required per mobile unit)

Includes four 74" (1880mm) high mobile posts, four casters, donut bumpers, guide rollers, and other hardware to assemble a mobile unit. Shelves are sold separately.

Fits Shelf Width (in.) (mm)	MetroMax Q Steel Posts				MetroMax Polymer Posts			
	Approx. Pkd. Wt. (lbs.) (kg)	Cat. No. with Plated Casters	Cat. No. with Stainless Casters	Approx. Pkd. Wt. (lbs.) (kg)	Cat. No. with Plated Casters	Cat. No. with Stainless Casters		
18 457	32.2 14.4	MQTTM18C	MQTTM18S	21.8 10.2	MXTTM18C	MXTTM18S		
21 530	32.7 14.5	MQTTM21C	MQTTM21S	22.3 10.3	MXTTM21C	MXTTM21S		



ONE Mobile kit per mobile unit. Example: (6) needed in the above picture. Shelves are ordered separately.

Note: Casters have polyolefin treads.

Under normal conditions, aisle width of 30"-36" (760-914mm) is recommended. The storage of very large objects within the system, however, may require an aisle width larger than 36" (914mm).

MetroMax® Top-Track® High-Density Storage



Track Sets

Includes tracks and hardware needed to assemble track runs up to 21' (6400mm).

Dimensions Length		Approx. Pkd. Wt.		Super Erecta Brite Cat. No.	Dimensions Length		Approx. Pkd. Wt.		Chrome Cat. No.
(ft.)	(mm)	(lbs.)	(kg)		(ft.)	(mm)	(lbs.)	(kg)	
2.5	762	15.0	6.8	TTS2.5NA	14	4267	98.0	44.1	TTS14NA
6	1828	40.5	18.2	TTS6NA	15	4572	106.5	47.9	TTS15NA
7	2135	47.5	21.3	TTS7NA	16	4877	113.5	51.0	TTS16NA
8	2440	56.0	25.2	TTS8NA	17	5182	121.0	54.4	TTS17NA
9	2743	62.5	28.1	TTS9NA	18	5486	128.0	58.0	TTS18NA
10	3048	69.5	31.2	TTS10NA	19	5791	135.0	60.7	TTS19NA
11	3352	76.5	34.4	TTS11NA	20	6096	142.0	63.9	TTS20NA
12	3657	83.5	37.5	TTS12NA	21	6400	149.0	67.0	TTS21NA
13	3962	92.0	41.4	TTS13NA					

Note: Note: TTS2.5NA includes a joining kit to connect the tracks to other track sets.

For best performance on heavily loaded systems:

- For configurations using shelves 60" (1524mm) or longer and managing heavier loads choose a more rigid shelving option. Wire shelving – Use all SES wire shelves. Polymer Shelving (MetroMax) – Epoxy coated steel posts offer the most rigid configuration.
- Mobile Units: If 18" (457mm) wide mobile units are planned, the maximum allowable size shelf is 60" (1524mm) long. If 18" (457mm) wide by 60" (1524mm) long mobile units are planned, a maximum of five 18" (457mm) mobile units are allowable between two stationary units. 18" (457mm), 21" (530mm) and 24" (610mm) wide mobile units can be intermixed in a given system. The standard system requires 74" (1880mm) posts on the mobile units.
- Weight capacities (evenly distributed) - Mobile Units. Super Erecta, Super Erecta Pro, Super Adjustable, MetroMax Q, MetroMax i: up to 900lbs. (408kg) MetroMax 4: up to 750lbs (340kg)
- When using long tracks, 13ft or longer, securing the stationary units to the floor will help to keep the system in alignment.

Additional Configuration Notes

- Standard Top-Track models include 86" (2185mm) stationary posts and 74" (1880mm) stem caster mobile posts. If a taller system or shorter system is required, consult Metro Engineering.
- Existing Metro Super Erecta, Super Adjustable, Super Erecta Pro, MetroMax Q, MetroMax 4, and MetroMax i shelving units can be retrofitted as part of a Top-Track installation.

Installation Guidelines

- It is recommended that the tracks are installed a minimum of 5" (127mm) from the wall.
- It is the discretion of the user to install the end units to the floor.
- Floor should be level, smooth, and free from cracks and raised objects.
- For new construction, it is recommended that flooring of suitable durability is used in areas where Top-Track will be installed. When such flooring is not an option, floor pad protectors are recommended to protect soft flooring materials from wear and tear.
- Enclosure panels may be used on mobile units. Panels must be mounted to ensure they do not interfere with the tracks. For standard MetroMax Top-Track Mobile Units with 74" (1890mm) posts, use the enclosures for the 63" (1585mm) posts.

Mobile Unit — Space Calculator . (Use to help determine the quantity of mobile units and the open aisle dimension)

Nominal Shelf Depth	Actual Depth with Bumpers	Space Occupied by Each Quantity of Mobile Units										
		qty. 1	qty. 2	qty. 3	qty. 4	qty. 5	qty. 6	qty. 7	qty. 8	qty. 9	qty. 10	qty. 11
(in.) 18	20.5	20.5	41	61.5	82	102.5	123	143.5	64	184.5	205	225.5
(in.) 21	23.5	23.5	47	70.5	94	117.5	141	164.5	188	211.5	—	—
(in.) 24	26.5	26.5	53	79.5	106	132.5	159	185.5	212	—	—	—
(mm) 457	520.5	520.5	1041	1561.5	2082	2602.5	3123	3643.5	4164	4684.5	5205	5725.5
(mm) 530	593.5	593.5	1187	1780.5	2374	2967.5	3561	4154.5	4748	5341.5	—	—
(mm) 610	673.5	673.5	1347	2020.5	2694	3367.5	4041	4714.5	5388	—	—	—

Replacement Parts

Rollers (bag of 4)*

Bumpers for mobile units*

Caster*

Track joining kits

Hardware for track

Footplates*

Model No.

MAXROLL

M9992DBX

5MOOR (plated stem/horn); **5MOORSA** (stainless steel stem/horn)

HDWE-TTJOIN

RPHDWE-TTECAP

9993Z (zinc plated), **9993S** (Stainless Steel)

*Note: compatible with all MetroMax systems, past and present.

Job _____

MetroMax® Top-Track® High-Density Storage



We put space to work.®

Order Guide

- Identify the available floor space
Evaluate Top-Track configurations to fill the space.
The amount of space needed for the Top-Track unit is calculated by using this formula: Nominal track length + Nominal widths of each end unit + 2" (51mm).
- Choose the shelving and desired posts.
Choose **(1) end unit kit** based on shelf depth.
Choose **(1) track set** to fill the space.
Select **shelves**.
- Determine the desired open aisle space.
Reference the Mobile Unit — Space Calculator table on the previous page to select the depth and quantities of mobile units.

Select **mobile unit kits** (including finish for the casters). One needed per mobile unit.
Select **shelves**.

Example: (using MetroMax i)

- 196" (4979mm) of floor space
 $12' \text{ track} + 24" \text{ end} + 24" \text{ end} + 2" = 194"$
 $3657\text{mm} + 610\text{mm} + 610\text{mm} + 51\text{mm} = 4928\text{mm}$
Top-Track system can be assembled to fill 194" (4928mm) length of floor space.
- End unit kit **MXTTE24** (qty. 1)
Grid shelves **MX2448G** (qty. 8)
Solid shelves **MX2448F** (qty. 2)
Track Set **TTS12NA** (qty. 1)
- Desired open aisle is 36" (914mm).
Tracks measure 12' or 144" (3657mm).

Available space for mobile units is:
 $144" - 36" = 108"$ ($3657 - 914 = 2743\text{mm}$)

Each nominal 24" (610mm) unit measures 26.5" (673.5mm) when you include the bumpers.
(4) 26.5" (673.5mm) deep units = 106" (2440mm)

Mobile unit kit **MXTTM24C** (qty. 4)
Grid shelves **MX2448G** (qty. 12)
Solid shelves **MX2448F** (qty. 4)

Top-Track Floor Pad Protectors

- Compensate for soft flooring materials by protecting the floor from normal wear and tear from mobile units.
- To make more applicable for sterile environments a bead of silicone (not included) is recommended to seal the seam between the floor pads and the floor.
- Material: aluminum

Top-Track Wall Mount Bracket

Used to attach one set of tracks to the wall. Eliminates the need for a stationary end unit. Includes one pair of plated wall brackets. Hardware to attach the brackets to the wall is NOT included.

Model No. TTWM

Top-Track Stop Plate Kit

Used in conjunction with the Wall Mount Bracket kit. The aluminum stop plates bolt to the underside of the track next to the wall brackets to prevent mobile units from bumping into the wall.

Model No. TTSTP

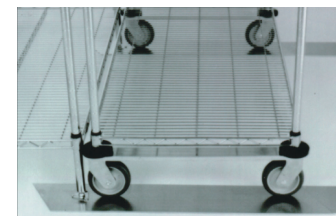
For Track Length			For Track Length		
(ft)	(mm)	Model No.	(ft)	(mm)	Model No.
6	1828	FPS6N	14	4267	FPS14N
7	2135	FPS7N	15	4572	FPS15N
8	2440	FPS8N	16	4877	FPS16N
9	2743	FPS9N	17	5182	FPS17N
10	3048	FPS10N	18	5486	FPS18N
11	3353	FPS11N	19	5791	FPS19N
12	3657	FPS12N	20	6096	FPS20N
13	3962	FPS13N	21	6400	FPS21N



TTWM



TTSTP



Top-Track® Floor Protectors



Item # _____

We put space to work.

Job _____

MetroMax® Top-Track® High-Density Storage

For MetroMax i, MetroMax 4 and MetroMax Q



- Maximizes Storage Capacity:** Top-Track can increase the storage capacity of a given area up to 40%. The system allows more storage units to fit in a defined space. A movable, open aisle allows full access to each entire shelving unit thus eliminating hard to reach or “dead” spaces.
- Easy Access:** The overhead track system guides the mobile units and opens an access aisle between any two units, whenever it is needed. The track is above the storage units enabling easy access for employees or for utility carts, simplifying the material handling task.
- 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.
- Uniquely Interchangeable:** Corrosion resistant MetroMax Q steel posts can improve the overall rigidity of the Top-Track system in higher weight bearing applications. Polymer posts are offer rust-proof performance.
- Clean Design:** Guide tracks are installed overhead enabling easy cleaning of floors. MetroMax shelves feature removable polymer mats. *Microban antimicrobial product protection is built into the high contact areas of the shelving systems — shelf mats, frames, and posts — to inhibit the growth of bacteria, mold, mildew, and fungus that cause odors and product degradation. Microban product protection keeps the shelves and posts “cleaner between cleanings”.
- 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.

The system compensates for uneven floor surfaces. Floor should be smooth and free from large cracks or raised obstacles.

All MetroMax shelving styles are available for Top-Track configurations.

MetroMax i: (heavier duty polymer shelving with stainless corners) most commonly used with polymer posts. See spec sheet 9.20 for more information.

MetroMax 4: all-polymer shelving; most commonly used with polymer posts. See spec sheet 9.22 for more information.

MetroMax Q: (hybrid polymer and wire shelving) most commonly used with epoxy coated steel posts. See spec sheet 9.21 for more information.



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MetroMax® Top-Track® High-Density Storage

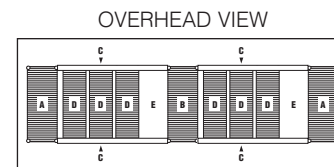
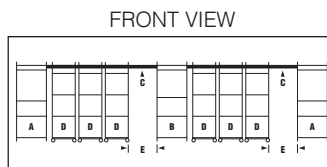
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MetroMax® Top-Track® High-Density Storage

SYSTEM COMPONENTS

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



System Measurements

- Actual length: Nominal track length + the nominal width of each end unit + 2" (51mm)
- Actual width: Nominal Shelf length + 3-1/2" (89mm)
- Actual height of system is approximately 87" (2210mm)

It is recommended that the tracks are installed at least 5" (127mm) from the wall.

Mobile Unit Measurements

To accommodate bumpers, the actual size of a mobile unit is 2.5" (63.5 mm) wider than the shelf width shown. For example, an 18" (457 mm) wide unit is actually 20.5" (521 mm).

Choosing shelves: All end, intermediate, and mobile units must be 18" (457 mm) or wider. Choose from MetroMax i, MetroMax 4, or MetroMax Q options.

Stationary End Unit Kit (Choose one kit for each system)

Includes 86" high posts (2184mm) high stationary posts, and hardware necessary for connecting stationary end units to tracks. Shelves are sold separately.



Traditional Configuration with stationary end units. ONE End Unit Kit is required per system. Shelves are ordered separately.

Fits Shelf Width (in.) (mm)	MetroMax Q Steel Posts			MetroMax Polymer Posts		
	Approx. Pkd. Wt. (lbs.) (kg)	Cat. No.	Approx. Pkd. Wt. (lbs.) (kg)	Cat. No.		
18 457	55.4 25.1	MQTTE18	31.0 15.7	MXTTE18		
21 530	55.9 25.4	MQTTE21	31.5 15.9	MXTTE21		
24 610	56.4 25.6	MQTTE24	32.0 16.1	MXTTE24		

Note: All kits come with plated foot plates. Stainless Steel Foot plates must be ordered separately

Stationary Intermediate Units

Required when overall desired track length exceeds 21' (6405mm). Optional when track length is under 21' (6405mm). Includes 86" high posts (2184mm) high stationary posts, and hardware necessary for connecting one stationary intermediate unit to tracks. Shelves are sold separately.



ONE Intermediate Kit (see rules). Shelves are ordered separately.

Fits Shelf Width (in.) (mm)	MetroMax Q Steel Posts			MetroMax Polymer Posts		
	Approx. Pkd. Wt. (lbs.) (kg)	Cat. No.	Approx. Pkd. Wt. (lbs.) (kg)	Cat. No.		
18 457	32.2 14.6	MQTTA18	21.8 9.9	MXTTA18		
21 530	32.7 14.8	MQTTA21	22.3 10.1	MXTTA21		
24 610	33.2 15.1	MQTTA24	22.8 10.3	MXTTA24		

Note: All kits come with plated foot plates. Stainless Steel Foot plates must be ordered separately

Mobile Units (One kit required per mobile unit)

Includes four 74" (1880mm) high mobile posts, four casters, donut bumpers, guide rollers, and other hardware to assemble a mobile unit. Shelves are sold separately.



ONE Mobile kit per mobile unit. Example: (6) needed in the above picture. Shelves are ordered separately.

Fits Shelf Width (in.) (mm)	Approx. Pkd. Wt. (lbs.) (kg)	MetroMax Q Steel Posts		MetroMax Polymer Posts		
		Cat. No. with Plated Casters	Cat. No. with Stainless Casters	Cat. No. with Plated Casters	Cat. No. with Stainless Casters	
18 457	32.2 14.4	MQTTM18C	MQTTM18S	21.8 10.2	MXTTM18C	MXTTM18S
21 530	32.7 14.5	MQTTM21C	MQTTM21S	22.3 10.3	MXTTM21C	MXTTM21S
24 610	33.2 14.6	MQTTM24C	MQTTM24S	22.8 10.4	MXTTM24C	MQTTM24S

Note: Casters have polyolefin treads.

Under normal conditions, aisle width of 30"-36" (760-914mm) is recommended. The storage of very large objects within the system, however, may require an aisle width larger than 36" (914mm).



MetroMax® Top-Track® High-Density Storage

Track Sets

Includes tracks and hardware needed to assemble track runs up to 21' (6400mm).

Dimensions Length		Approx. Pkd. Wt.		Super Erecta Brite Cat. No.	Dimensions Length		Approx. Pkd. Wt.		Chrome Cat. No.
(ft.)	(mm)	(lbs.)	(kg)		(ft.)	(mm)	(lbs.)	(kg)	
2.5	762	15.0	6.8	TTS2.5NA	14	4267	98.0	44.1	TTS14NA
6	1828	40.5	18.2	TTS6NA	15	4572	106.5	47.9	TTS15NA
7	2135	47.5	21.3	TTS7NA	16	4877	113.5	51.0	TTS16NA
8	2440	56.0	25.2	TTS8NA	17	5182	121.0	54.4	TTS17NA
9	2743	62.5	28.1	TTS9NA	18	5486	128.0	58.0	TTS18NA
10	3048	69.5	31.2	TTS10NA	19	5791	135.0	60.7	TTS19NA
11	3352	76.5	34.4	TTS11NA	20	6096	142.0	63.9	TTS20NA
12	3657	83.5	37.5	TTS12NA	21	6400	149.0	67.0	TTS21NA
13	3962	92.0	41.4	TTS13NA					

Note: Note: TTS2.5NA includes a joining kit to connect the tracks to other track sets.

For best performance on heavily loaded systems:

- For configurations using shelves 60" (1524mm) or longer and managing heavier loads choose a more rigid shelving option. Wire shelving – Use all SES wire shelves. Polymer Shelving (MetroMax) – Epoxy coated steel posts offer the most rigid configuration.
- Mobile Units: If 18" (457mm) wide mobile units are planned, the maximum allowable size shelf is 60" (1524mm) long. If 18" (457mm) wide by 60" (1524mm) long mobile units are planned, a maximum of five 18" (457mm) mobile units are allowable between two stationary units. 18" (457mm), 21" (530mm) and 24" (610mm) wide mobile units can be intermixed in a given system. The standard system requires 74" (1880mm) posts on the mobile units.
- Weight capacities (evenly distributed) - Mobile Units. Super Erecta, Super Erecta Pro, Super Adjustable, MetroMax Q, MetroMax i: up to 900lbs. (408kg) MetroMax 4: up to 750lbs (340kg)
- When using long tracks, 13ft or longer, securing the stationary units to the floor will help to keep the system in alignment.

Additional Configuration Notes

- Standard Top-Track models include 86" (2185mm) stationary posts and 74" (1880mm) stem caster mobile posts. If a taller system or shorter system is required, consult Metro Engineering.
- Existing Metro Super Erecta, Super Adjustable, Super Erecta Pro, MetroMax Q, MetroMax 4, and MetroMax i shelving units can be retrofitted as part of a Top-Track installation.

Installation Guidelines

- It is recommended that the tracks are installed a minimum of 5" (127mm) from the wall.
- It is the discretion of the user to install the end units to the floor.
- Floor should be level, smooth, and free from cracks and raised objects.
- For new construction, it is recommended that flooring of suitable durability is used in areas where Top-Track will be installed. When such flooring is not an option, floor pad protectors are recommended to protect soft flooring materials from wear and tear.
- Enclosure panels may be used on mobile units. Panels must be mounted to ensure they do not interfere with the tracks. For standard MetroMax Top-Track Mobile Units with 74" (1890mm) posts, use the enclosures for the 63" (1585mm) posts.

Mobile Unit — Space Calculator . (Use to help determine the quantity of mobile units and the open aisle dimension)

Nominal Shelf Depth	Actual Depth with Bumpers	Space Occupied by Each Quantity of Mobile Units										
		qty. 1	qty. 2	qty. 3	qty. 4	qty. 5	qty. 6	qty. 7	qty. 8	qty. 9	qty. 10	qty. 11
(in.) 18	20.5	20.5	41	61.5	82	102.5	123	143.5	64	184.5	205	225.5
(in.) 21	23.5	23.5	47	70.5	94	117.5	141	164.5	188	211.5	—	—
(in.) 24	26.5	26.5	53	79.5	106	132.5	159	185.5	212	—	—	—
(mm) 457	520.5	520.5	1041	1561.5	2082	2602.5	3123	3643.5	4164	4684.5	5205	5725.5
(mm) 530	593.5	593.5	1187	1780.5	2374	2967.5	3561	4154.5	4748	5341.5	—	—
(mm) 610	673.5	673.5	1347	2020.5	2694	3367.5	4041	4714.5	5388	—	—	—

Replacement Parts

Rollers (bag of 4)*

Bumpers for mobile units*

Caster*

Track joining kits

Hardware for track

Footplates*

Model No.

MAXROLL

M9992DBX

5MOOR (plated stem/horn); **5MOORSA** (stainless steel stem/horn)

HDWE-TTJOIN

RPHDWE-TTECAP

9993Z (zinc plated), **9993S** (Stainless Steel)

*Note: compatible with all MetroMax systems, past and present.

Job _____

9.29

MetroMax® Top-Track® High-Density Storage



We put space to work.®

Order Guide

1. Identify the available floor space
Evaluate Top-Track configurations to fill the space. The amount of space needed for the Top-Track unit is calculated by using this formula: Nominal track length + Nominal widths of each end unit + 2" (51mm).

2. Choose the shelving and desired posts.
Choose **(1) end unit kit** based on shelf depth.
Choose **(1) track set** to fill the space.
Select **shelves**.

3. Determine the desired open aisle space.
Reference the Mobile Unit — Space Calculator table on the previous page to select the depth and quantities of mobile units.

Select **mobile unit kits** (including finish for the casters). One needed per mobile unit.
Select **shelves**.

Example: (using MetroMax i)

1. 196" (4979mm) of floor space
12' track + 24" end + 24" end + 2" = 194"
3657mm + 610mm + 610mm + 51mm = 4928mm
Top-Track system can be assembled to fill 194"
(4928mm) length of floor space.

2. End unit kit **MXTTE24** (qty. 1)
Grid shelves **MX2448G** (qty. 8)
Solid shelves **MX2448F** (qty. 2)
Track Set **TTS12NA** (qty. 1)

3. Desired open aisle is 36" (914mm).
Tracks measure 12' or 144" (3657mm).

Available space for mobile units is:
144" - 36" = 108" (3657 - 914 = 2743mm)

Each nominal 24" (610mm) unit measures 26.5"
(673.5mm) when you include the bumpers.
(4) 26.5" (673.5mm) deep units = 106" (2440mm)

Mobile unit kit **MXTTM24C** (qty. 4)
Grid shelves **MX2448G** (qty. 12)
Solid shelves **MX2448F** (qty. 4)

Top-Track Floor Pad Protectors

- Compensate for soft flooring materials by protecting the floor from normal wear and tear from mobile units.
- To make more applicable for sterile environments a bead of silicone (not included) is recommended to seal the seam between the floor pads and the floor.
- Material: aluminum

Top-Track Wall Mount Bracket

Used to attach one set of tracks to the wall. Eliminates the need for a stationary end unit. Includes one pair of plated wall brackets. Hardware to attach the brackets to the wall is NOT included.

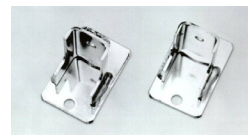
Model No. TTWM

Top-Track Stop Plate Kit

Used in conjunction with the Wall Mount Bracket kit. The aluminum stop plates bolt to the underside of the track next to the wall brackets to prevent mobile units from bumping into the wall.

Model No. TTSTP

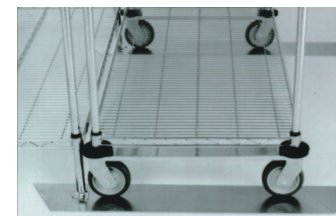
For Track Length (ft)	(mm)	Model No.	For Track Length (ft)	(mm)	Model No.
6	1828	FPS6N	14	4267	FPS14N
7	2135	FPS7N	15	4572	FPS15N
8	2440	FPS8N	16	4877	FPS16N
9	2743	FPS9N	17	5182	FPS17N
10	3048	FPS10N	18	5486	FPS18N
11	3353	FPS11N	19	5791	FPS19N
12	3657	FPS12N	20	6096	FPS20N
13	3962	FPS13N	21	6400	FPS21N



TTWM



TTSTP



Top-Track® Floor Protectors

MetroMax® Top-Track® High-Density Storage



an Ali Group Company



The Spirit of Excellence

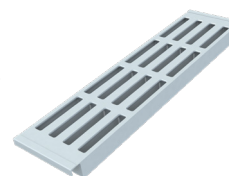
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MetroMax® 4 Polymer Shelving

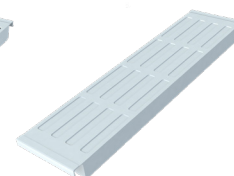


All-polymer corrosion-proof shelving with removable open grid or solid shelf mat sections. Shelves and polymer posts offer a lifetime warranty against rust and corrosion. Shelf mats have built-in Microban® antimicrobial product protection. Rigid four-sided shelf frame and robust corner with complete 360° capture of the wedge and post ensure stability, strength and structural integrity. Stationary units have maximum capacity of 2,000 lbs. (907kg) evenly distributed. Mobile units (with stem casters) offer a maximum total unit load of 750lbs. (340kg). Units assemble easily — shelves mount on four one-piece wedges along grooved, numbered posts. Shelves adjust on 1" (25mm) increments.

- **Rust & Corrosion-Proof:** All-polymer construction withstands moisture, chemicals, and harsh environments.
- **Lifetime:** Polymer shelves and posts offer a Lifetime Warranty against rust and corrosion.
- **Proven Stability:** Proven Metro corner design and rigid four-sided shelf frame deliver sturdy stationary, mobile, or high-density track shelving configurations.
- **Easy-to-Clean:** 6" (152mm) wide shelf mats easily remove from the shelf for cleaning by hand or in a commercial washer / dish machine.
- **Microban® Antimicrobial Product Protection** is built into the shelf mats 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".
- **Smooth, Protective Surfaces:** Smooth, flat surfaces protect packaged shelf contents from unwanted rips, tears, or damage.
- **Weight Load Capacities (Evenly Distributed)**
Shelf up to and including 48" (1220mm) length: 800 lbs. (363kg)
Shelf 54" (1372mm) or longer: 600 lbs. (272kg)
Stationary Unit: 2,000 lbs. (907kg)
Mobile Unit (with stem casters): up to 750 lbs. (340kg).
Multiply the caster load rating by 3 to determine actual rating [not to exceed 750 lbs.(340kg)].
- **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 seats into position over the posts and wedges. A unit can be assembled without tools in minutes.
- **Interchangeable:** Part of MetroMax platform, MetroMax 4 is compatible on the same shelving units with MetroMax i® and MetroMax Q® shelves.
- **Two shelf styles:** All MetroMax 4 shelf mats have a 3/16" (5mm) tall ship's edge built into each end to help contain supplies during mobile applications.
 - **Open Grid:** Promotes air flow and light penetration.
 - **Solid:** Built-in recesses help contain spills. Solid bottom shelf serves as a barrier to dirt and debris.
- **NSF Listed** for all environments.
- **Optional Accessories** are on spec sheet 9.25.



Open Grid Mat



Solid Mat



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.



Supports good
HACCP
processes



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

{9.22}

MetroMax® 4 Polymer Shelving

Material Specifications:

- **Shelf Mats:** Polypropylene. Mats contain Microban® antimicrobial product protection.
- **Longitudinal Beams:** Pultrusions — continuous glass fibers and thermoset resin composite.
- **End Beams, Adjustable Foot and Socket, Shelf Wedge Connector:** Reinforced nylon.
- **Posts:** Pultrusions — continuous glass fibers and thermoset resin composite.
- **Post Cap:** High-density polyethylene.
- **Continuous Temperature Exposure Range** (with shelves under load): -20/120° F (-29/49° C).
For cleaning, the maximum intermittent temperature exposure is 212° F (100° C).



MetroMax 4 Shelves

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

Shelf with Grid Mats Model No.	Approx. Pkd. Wt.		Shelf with Solid Mats Model No.	Approx. Pkd. Wt.		Nominal Size			Actual Size				
	(lbs.)	(kg)		(lbs.)	(kg)	Width (in.)	Length (in.)	Width (mm)	Length (mm)	Width (in.)	Length (mm)		
MAX4-1824G	6.3	2.9	MAX4-1824F	6.5	3.0	18	457	24	610	18½	470	23 ¹⁵ / ₁₆	608
MAX4-1830G	7.4	3.4	MAX4-1830F	7.7	3.5	18	457	30	762	18½	470	29 ¹⁵ / ₁₆	760
MAX4-1836G	8.8	4.0	MAX4-1836F	9.2	4.2	18	457	36	914	18½	470	35 ¹⁵ / ₁₆	913
MAX4-1842G	9.6	4.3	MAX4-1842F	10.0	4.5	18	457	42	1067	18½	470	41 ¹⁵ / ₁₆	1065
MAX4-1848G	10.8	4.9	MAX4-1848F	11.3	5.1	18	457	48	1219	18½	470	47 ¹⁵ / ₁₆	1218
MAX4-1854G	11.7	5.3	MAX4-1854F	12.3	5.6	18	457	54	1372	18½	470	53 ¹⁵ / ₁₆	1370
MAX4-1860G	12.8	5.8	MAX4-1860F	13.5	6.1	18	457	60	1524	18½	470	59 ¹⁵ / ₁₆	1522
MAX4-2124G	6.9	3.1	MAX4-2124F	7.2	3.2	21	530	24	610	21½	546	23 ¹⁵ / ₁₆	608
MAX4-2130G	8.1	3.7	MAX4-2130F	8.5	3.8	21	530	30	762	21½	546	29 ¹⁵ / ₁₆	760
MAX4-2136G	9.6	4.4	MAX4-2136F	10.1	4.6	21	530	36	914	21½	546	35 ¹⁵ / ₁₆	913
MAX4-2142G	10.5	4.8	MAX4-2142F	11.0	5.0	21	530	42	1067	21½	546	41 ¹⁵ / ₁₆	1065
MAX4-2148G	11.9	5.4	MAX4-2148F	12.5	5.7	21	530	48	1219	21½	546	47 ¹⁵ / ₁₆	1218
MAX4-2154G	12.9	5.9	MAX4-2154F	13.6	6.2	21	530	54	1372	21½	546	53 ¹⁵ / ₁₆	1370
MAX4-2160G	14.2	6.4	MAX4-2160F	15.0	6.8	21	530	60	1524	21½	546	59 ¹⁵ / ₁₆	1522
MAX4-2424G	7.3	3.3	MAX4-2424F	7.8	3.5	24	610	24	610	24½	622	23 ¹⁵ / ₁₆	608
MAX4-2430G	8.8	4.0	MAX4-2430F	9.3	4.2	24	610	30	762	24½	622	29 ¹⁵ / ₁₆	760
MAX4-2436G	10.5	4.8	MAX4-2436F	11.9	5.0	24	610	36	914	24½	622	35 ¹⁵ / ₁₆	913
MAX4-2442G	11.8	5.4	MAX4-2442F	12.3	5.6	24	610	42	1067	24½	622	41 ¹⁵ / ₁₆	1065
MAX4-2448G	13.1	5.9	MAX4-2448F	13.9	6.3	24	610	48	1219	24½	622	47 ¹⁵ / ₁₆	1218
MAX4-2454G	14.3	6.5	MAX4-2454F	15.4	7.0	24	610	54	1372	24½	622	53 ¹⁵ / ₁₆	1370
MAX4-2460G	15.5	7.0	MAX4-2460F	17.0	7.7	24	610	60	1524	24½	622	59 ¹⁵ / ₁₆	1522

Note: Mobile Units taller than 54" (1372mm) require four shelves or more.



x4

Replacement MetroMax 4 Wedges
Cat. No. MAX4-9985
Bag of four wedges

Stationary Posts

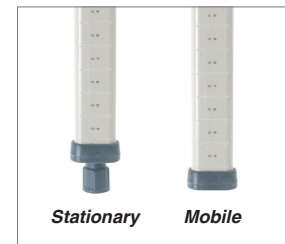
Model No.	Nominal Height		Actual Height*		Approx. Pkd. Wt.	
	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)
MX13P	13	370	14 ³ / ₁₆	360	0.5	0.2
MX27P	27	685	28 ³ / ₁₆	716	0.9	0.4
MX33P	33	875	34 ³ / ₁₆	868	1.0	0.5
MX54P	54	1370	54 ³ / ₁₆	1376	1.6	0.7
MX63P	63	1585	62 ³ / ₁₆	1580	1.8	0.8
MX74P	74	1890	74 ³ / ₁₆	1884	2.2	1.0
MX86P	86	2195	86 ³ / ₁₆	2189	3.0	1.4

*Actual Height with leveling foot completely tightened. Leveling foot can be adjusted up to 1" (25mm) to compensate for uneven floors.

Mobile Posts — for use with stem casters

Model No.	Nominal Height		Actual Height		Approx. Pkd. Wt.	
	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)
MX13UP	13	370	13 ³ / ₁₆	335	0.5	0.2
MX27UP	27	685	27 ³ / ₁₆	691	0.9	0.4
MX33UP	33	875	33 ³ / ₁₆	843	1.0	0.5
MX54UP	54	1370	53 ³ / ₁₆	1351	1.6	0.7
MX63UP	63	1585	61 ³ / ₁₆	1554	1.8	0.8
MX70UP	70	1778	69 ³ / ₁₆	1757	2.0	0.9
MX74UP	74	1890	73 ³ / ₁₆	1859	2.2	1.0
MX86UP	86	2195	85 ³ / ₁₆	2164	3.0	1.4

Consult spec sheet 9.25 for stem casters.



Stationary Mobile

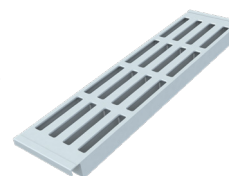
Note: For special height cut posts, consult your Metro representative.

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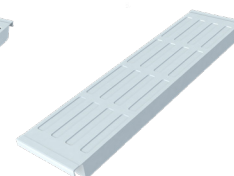
MetroMax® 4 Polymer Shelving

All-polymer corrosion-proof shelving with removable open grid or solid shelf mat sections. Shelves and polymer posts offer a lifetime warranty against rust and corrosion. Shelf mats have built-in Microban® antimicrobial product protection. Rigid four-sided shelf frame and robust corner with complete 360° capture of the wedge and post ensure stability, strength and structural integrity. Stationary units have maximum capacity of 2,000 lbs. (907kg) evenly distributed. Mobile units (with stem casters) offer a maximum total unit load of 750lbs. (340kg). Units assemble easily — shelves mount on four one-piece wedges along grooved, numbered posts. Shelves adjust on 1" (25mm) increments.

- **Rust & Corrosion-Proof:** All-polymer construction withstands moisture, chemicals, and harsh environments.
- **Lifetime:** Polymer shelves and posts offer a Lifetime Warranty against rust and corrosion.
- **Proven Stability:** Proven Metro corner design and rigid four-sided shelf frame deliver sturdy stationary, mobile, or high-density track shelving configurations.
- **Easy-to-Clean:** 6" (152mm) wide shelf mats easily remove from the shelf for cleaning by hand or in a commercial washer / dish machine.
- **Microban® Antimicrobial Product Protection** is built into the shelf mats 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".
- **Smooth, Protective Surfaces:** Smooth, flat surfaces protect packaged shelf contents from unwanted rips, tears, or damage.
- **Weight Load Capacities (Evenly Distributed)**
Shelf up to and including 48" (1220mm) length: 800 lbs. (363kg)
Shelf 54" (1372mm) or longer: 600 lbs. (272kg)
Stationary Unit: 2,000 lbs. (907kg)
Mobile Unit (with stem casters): up to 750 lbs. (340kg).
Multiply the caster load rating by 3 to determine actual rating [not to exceed 750 lbs.(340kg)].
- **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 seats into position over the posts and wedges. A unit can be assembled without tools in minutes.
- **Interchangeable:** Part of MetroMax platform, MetroMax 4 is compatible on the same shelving units with MetroMax i® and MetroMax Q® shelves.
- **Two shelf styles:** All MetroMax 4 shelf mats have a 3/16" (5mm) tall ship's edge built into each end to help contain supplies during mobile applications.
 - **Open Grid:** Promotes air flow and light penetration.
 - **Solid:** Built-in recesses help contain spills. Solid bottom shelf serves as a barrier to dirt and debris.
- **NSF Listed** for all environments.
- **Optional Accessories** are on spec sheet 9.25.



Open Grid Mat



Solid Mat



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.



Supports good
HACCP
processes



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

{9.22}

MetroMax® 4 Polymer Shelving

Material Specifications:

- **Shelf Mats:** Polypropylene. Mats contain Microban® antimicrobial product protection.
- **Longitudinal Beams:** Pultrusions — continuous glass fibers and thermoset resin composite.
- **End Beams, Adjustable Foot and Socket, Shelf Wedge Connector:** Reinforced nylon.
- **Posts:** Pultrusions — continuous glass fibers and thermoset resin composite.
- **Post Cap:** High-density polyethylene.
- **Continuous Temperature Exposure Range** (with shelves under load): -20/120° F (-29/49° C).
For cleaning, the maximum intermittent temperature exposure is 212° F (100° C).



MetroMax 4 Shelves

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

Shelf with Grid Mats Model No.	Approx. Pkd. Wt.		Shelf with Solid Mats Model No.	Approx. Pkd. Wt.		Nominal Size			Actual Size				
	(lbs.)	(kg)		(lbs.)	(kg)	Width (in.)	Length (in.)	Width (mm)	Length (mm)	Width (in.)	Length (mm)		
MAX4-1824G	6.3	2.9	MAX4-1824F	6.5	3.0	18	457	24	610	18½	470	23 ¹⁵ / ₁₆	608
MAX4-1830G	7.4	3.4	MAX4-1830F	7.7	3.5	18	457	30	762	18½	470	29 ¹⁵ / ₁₆	760
MAX4-1836G	8.8	4.0	MAX4-1836F	9.2	4.2	18	457	36	914	18½	470	35 ¹⁵ / ₁₆	913
MAX4-1842G	9.6	4.3	MAX4-1842F	10.0	4.5	18	457	42	1067	18½	470	41 ¹⁵ / ₁₆	1065
MAX4-1848G	10.8	4.9	MAX4-1848F	11.3	5.1	18	457	48	1219	18½	470	47 ¹⁵ / ₁₆	1218
MAX4-1854G	11.7	5.3	MAX4-1854F	12.3	5.6	18	457	54	1372	18½	470	53 ¹⁵ / ₁₆	1370
MAX4-1860G	12.8	5.8	MAX4-1860F	13.5	6.1	18	457	60	1524	18½	470	59 ¹⁵ / ₁₆	1522
MAX4-2124G	6.9	3.1	MAX4-2124F	7.2	3.2	21	530	24	610	21½	546	23 ¹⁵ / ₁₆	608
MAX4-2130G	8.1	3.7	MAX4-2130F	8.5	3.8	21	530	30	762	21½	546	29 ¹⁵ / ₁₆	760
MAX4-2136G	9.6	4.4	MAX4-2136F	10.1	4.6	21	530	36	914	21½	546	35 ¹⁵ / ₁₆	913
MAX4-2142G	10.5	4.8	MAX4-2142F	11.0	5.0	21	530	42	1067	21½	546	41 ¹⁵ / ₁₆	1065
MAX4-2148G	11.9	5.4	MAX4-2148F	12.5	5.7	21	530	48	1219	21½	546	47 ¹⁵ / ₁₆	1218
MAX4-2154G	12.9	5.9	MAX4-2154F	13.6	6.2	21	530	54	1372	21½	546	53 ¹⁵ / ₁₆	1370
MAX4-2160G	14.2	6.4	MAX4-2160F	15.0	6.8	21	530	60	1524	21½	546	59 ¹⁵ / ₁₆	1522
MAX4-2424G	7.3	3.3	MAX4-2424F	7.8	3.5	24	610	24	610	24½	622	23 ¹⁵ / ₁₆	608
MAX4-2430G	8.8	4.0	MAX4-2430F	9.3	4.2	24	610	30	762	24½	622	29 ¹⁵ / ₁₆	760
MAX4-2436G	10.5	4.8	MAX4-2436F	11.9	5.0	24	610	36	914	24½	622	35 ¹⁵ / ₁₆	913
MAX4-2442G	11.8	5.4	MAX4-2442F	12.3	5.6	24	610	42	1067	24½	622	41 ¹⁵ / ₁₆	1065
MAX4-2448G	13.1	5.9	MAX4-2448F	13.9	6.3	24	610	48	1219	24½	622	47 ¹⁵ / ₁₆	1218
MAX4-2454G	14.3	6.5	MAX4-2454F	15.4	7.0	24	610	54	1372	24½	622	53 ¹⁵ / ₁₆	1370
MAX4-2460G	15.5	7.0	MAX4-2460F	17.0	7.7	24	610	60	1524	24½	622	59 ¹⁵ / ₁₆	1522

Note: Mobile Units taller than 54" (1372mm) require four shelves or more.



x4

Replacement MetroMax 4 Wedges
Cat. No. MAX4-9985
Bag of four wedges

Stationary Posts

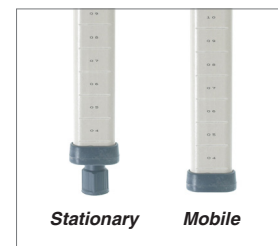
Model No.	Nominal Height		Actual Height*		Approx. Pkd. Wt.	
	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)
MX13P	13	370	14 ³ / ₁₆	360	0.5	0.2
MX27P	27	685	28 ³ / ₁₆	716	0.9	0.4
MX33P	33	875	34 ³ / ₁₆	868	1.0	0.5
MX54P	54	1370	54 ³ / ₁₆	1376	1.6	0.7
MX63P	63	1585	62 ³ / ₁₆	1580	1.8	0.8
MX74P	74	1890	74 ³ / ₁₆	1884	2.2	1.0
MX86P	86	2195	86 ³ / ₁₆	2189	3.0	1.4

*Actual Height with leveling foot completely tightened. Leveling foot can be adjusted up to 1" (25mm) to compensate for uneven floors.

Mobile Posts — for use with stem casters

Model No.	Nominal Height		Actual Height		Approx. Pkd. Wt.	
	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)
MX13UP	13	370	13 ³ / ₁₆	335	0.5	0.2
MX27UP	27	685	27 ³ / ₁₆	691	0.9	0.4
MX33UP	33	875	33 ³ / ₁₆	843	1.0	0.5
MX54UP	54	1370	53 ³ / ₁₆	1351	1.6	0.7
MX63UP	63	1585	61 ³ / ₁₆	1554	1.8	0.8
MX70UP	70	1778	69 ³ / ₁₆	1757	2.0	0.9
MX74UP	74	1890	73 ³ / ₁₆	1859	2.2	1.0
MX86UP	86	2195	85 ³ / ₁₆	2164	3.0	1.4

Consult spec sheet 9.25 for stem casters.



Stationary Mobile

Note: For special height cut posts, consult your Metro representative.



Item # _____

We put space to work.

Job _____

MetroMax® Top-Track® High-Density Storage

For MetroMax i, MetroMax 4 and MetroMax Q



- Maximizes Storage Capacity:** Top-Track can increase the storage capacity of a given area up to 40%. The system allows more storage units to fit in a defined space. A movable, open aisle allows full access to each entire shelving unit thus eliminating hard to reach or “dead” spaces.
- Easy Access:** The overhead track system guides the mobile units and opens an access aisle between any two units, whenever it is needed. The track is above the storage units enabling easy access for employees or for utility carts, simplifying the material handling task.
- 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.
- Uniquely Interchangeable:** Corrosion resistant MetroMax Q steel posts can improve the overall rigidity of the Top-Track system in higher weight bearing applications. Polymer posts are offer rust-proof performance.
- Clean Design:** Guide tracks are installed overhead enabling easy cleaning of floors. MetroMax shelves feature removable polymer mats. *Microban antimicrobial product protection is built into the high contact areas of the shelving systems — shelf mats, frames, and posts — to inhibit the growth of bacteria, mold, mildew, and fungus that cause odors and product degradation. Microban product protection keeps the shelves and posts “cleaner between cleanings”.
- 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.

The system compensates for uneven floor surfaces. Floor should be smooth and free from large cracks or raised obstacles.

All MetroMax shelving styles are available for Top-Track configurations.

MetroMax i: (heavier duty polymer shelving with stainless corners) most commonly used with polymer posts. See spec sheet 9.20 for more information.

MetroMax 4: all-polymer shelving; most commonly used with polymer posts. See spec sheet 9.22 for more information.

MetroMax Q: (hybrid polymer and wire shelving) most commonly used with epoxy coated steel posts. See spec sheet 9.21 for more information.



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

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MetroMax® Top-Track® High-Density Storage

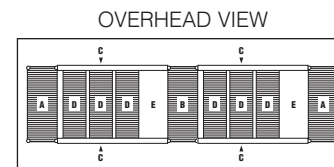
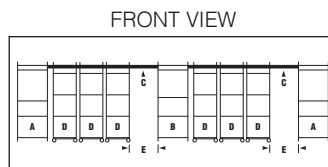
9.29



MetroMax® Top-Track® High-Density Storage

SYSTEM COMPONENTS

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



System Measurements

- Actual length: Nominal track length + the nominal width of each end unit + 2" (51mm)
- Actual width: Nominal Shelf length + 3-1/2" (89mm)
- Actual height of system is approximately 87" (2210mm)

It is recommended that the tracks are installed at least 5" (127mm) from the wall.

Mobile Unit Measurements

To accommodate bumpers, the actual size of a mobile unit is 2.5" (63.5 mm) wider than the shelf width shown. For example, an 18" (457 mm) wide unit is actually 20.5" (521 mm).

Choosing shelves: All end, intermediate, and mobile units must be 18" (457 mm) or wider. Choose from MetroMax i, MetroMax 4, or MetroMax Q options.

Stationary End Unit Kit (Choose one kit for each system)

Includes 86" high posts (2184mm) high stationary posts, and hardware necessary for connecting stationary end units to tracks. Shelves are sold separately.



Traditional Configuration with stationary end units. ONE End Unit Kit is required per system. Shelves are ordered separately.

Fits Shelf Width (in.) (mm)	MetroMax Q Steel Posts			MetroMax Polymer Posts		
	Approx. Pkd. Wt. (lbs.)	(kg)	Cat. No.	Approx. Pkd. Wt. (lbs.)	(kg)	Cat. No.
18 457	55.4	25.1	MQTTE18	31.0	15.7	MXTTE18
21 530	55.9	25.4	MQTTE21	31.5	15.9	MXTTE21
24 610	56.4	25.6	MQTTE24	32.0	16.1	MXTTE24

Note: All kits come with plated foot plates. Stainless Steel Foot plates must be ordered separately

Stationary Intermediate Units

Required when overall desired track length exceeds 21' (6405mm). Optional when track length is under 21' (6405mm). Includes 86" high posts (2184mm) high stationary posts, and hardware necessary for connecting one stationary intermediate unit to tracks. Shelves are sold separately.



ONE Intermediate Kit (see rules). Shelves are ordered separately.

Fits Shelf Width (in.) (mm)	MetroMax Q Steel Posts			MetroMax Polymer Posts		
	Approx. Pkd. Wt. (lbs.)	(kg)	Cat. No.	Approx. Pkd. Wt. (lbs.)	(kg)	Cat. No.
18 457	32.2	14.6	MQTTA18	21.8	9.9	MXTTA18
21 530	32.7	14.8	MQTTA21	22.3	10.1	MXTTA21
24 610	33.2	15.1	MQTTA24	22.8	10.3	MXTTA24

Note: All kits come with plated foot plates. Stainless Steel Foot plates must be ordered separately

Mobile Units (One kit required per mobile unit)

Includes four 74" (1880mm) high mobile posts, four casters, donut bumpers, guide rollers, and other hardware to assemble a mobile unit. Shelves are sold separately.



ONE Mobile kit per mobile unit. Example: (6) needed in the above picture. Shelves are ordered separately.

Fits Shelf Width (in.) (mm)	Approx. Pkd. Wt. (lbs.)	(kg)	MetroMax Q Steel Posts		Approx. Pkd. Wt. (lbs.)	(kg)	MetroMax Polymer Posts	
			Cat. No. with Plated Casters	Cat. No. with Stainless Casters			Cat. No. with Plated Casters	Cat. No. with Stainless Casters
18 457	32.2	14.4	MQTTM18C	MQTTM18S	21.8	10.2	MXTTM18C	MXTTM18S
21 530	32.7	14.5	MQTTM21C	MQTTM21S	22.3	10.3	MXTTM21C	MXTTM21S
24 610	33.2	14.6	MQTTM24C	MQTTM24S	22.8	10.4	MXTTM24C	MQTTM24S

Note: Casters have polyolefin treads.

Under normal conditions, aisle width of 30"-36" (760-914mm) is recommended. The storage of very large objects within the system, however, may require an aisle width larger than 36" (914mm).

MetroMax® Top-Track® High-Density Storage



Track Sets

Includes tracks and hardware needed to assemble track runs up to 21' (6400mm).

Dimensions Length		Approx. Pkd. Wt.		Super Erecta Brite Cat. No.	Dimensions Length		Approx. Pkd. Wt.		Chrome Cat. No.
(ft.)	(mm)	(lbs.)	(kg)		(ft.)	(mm)	(lbs.)	(kg)	
2.5	762	15.0	6.8	TTS2.5NA	14	4267	98.0	44.1	TTS14NA
6	1828	40.5	18.2	TTS6NA	15	4572	106.5	47.9	TTS15NA
7	2135	47.5	21.3	TTS7NA	16	4877	113.5	51.0	TTS16NA
8	2440	56.0	25.2	TTS8NA	17	5182	121.0	54.4	TTS17NA
9	2743	62.5	28.1	TTS9NA	18	5486	128.0	58.0	TTS18NA
10	3048	69.5	31.2	TTS10NA	19	5791	135.0	60.7	TTS19NA
11	3352	76.5	34.4	TTS11NA	20	6096	142.0	63.9	TTS20NA
12	3657	83.5	37.5	TTS12NA	21	6400	149.0	67.0	TTS21NA
13	3962	92.0	41.4	TTS13NA					

Note: Note: TTS2.5NA includes a joining kit to connect the tracks to other track sets.

For best performance on heavily loaded systems:

- For configurations using shelves 60" (1524mm) or longer and managing heavier loads choose a more rigid shelving option. Wire shelving – Use all SES wire shelves. Polymer Shelving (MetroMax) – Epoxy coated steel posts offer the most rigid configuration.
- Mobile Units: If 18" (457mm) wide mobile units are planned, the maximum allowable size shelf is 60" (1524mm) long. If 18" (457mm) wide by 60" (1524mm) long mobile units are planned, a maximum of five 18" (457mm) mobile units are allowable between two stationary units. 18" (457mm), 21" (530mm) and 24" (610mm) wide mobile units can be intermixed in a given system. The standard system requires 74" (1880mm) posts on the mobile units.
- Weight capacities (evenly distributed) - Mobile Units. Super Erecta, Super Erecta Pro, Super Adjustable, MetroMax Q, MetroMax i: up to 900lbs. (408kg) MetroMax 4: up to 750lbs (340kg)
- When using long tracks, 13ft or longer, securing the stationary units to the floor will help to keep the system in alignment.

Additional Configuration Notes

- Standard Top-Track models include 86" (2185mm) stationary posts and 74" (1880mm) stem caster mobile posts. If a taller system or shorter system is required, consult Metro Engineering.
- Existing Metro Super Erecta, Super Adjustable, Super Erecta Pro, MetroMax Q, MetroMax 4, and MetroMax i shelving units can be retrofitted as part of a Top-Track installation.

Installation Guidelines

- It is recommended that the tracks are installed a minimum of 5" (127mm) from the wall.
- It is the discretion of the user to install the end units to the floor.
- Floor should be level, smooth, and free from cracks and raised objects.
- For new construction, it is recommended that flooring of suitable durability is used in areas where Top-Track will be installed. When such flooring is not an option, floor pad protectors are recommended to protect soft flooring materials from wear and tear.
- Enclosure panels may be used on mobile units. Panels must be mounted to ensure they do not interfere with the tracks. For standard MetroMax Top-Track Mobile Units with 74" (1890mm) posts, use the enclosures for the 63" (1585mm) posts.

Mobile Unit — Space Calculator . (Use to help determine the quantity of mobile units and the open aisle dimension)

Nominal Shelf Depth	Actual Depth with Bumpers	Space Occupied by Each Quantity of Mobile Units										
		qty. 1	qty. 2	qty. 3	qty. 4	qty. 5	qty. 6	qty. 7	qty. 8	qty. 9	qty. 10	qty. 11
(in.) 18	20.5	20.5	41	61.5	82	102.5	123	143.5	64	184.5	205	225.5
(in.) 21	23.5	23.5	47	70.5	94	117.5	141	164.5	188	211.5	—	—
(in.) 24	26.5	26.5	53	79.5	106	132.5	159	185.5	212	—	—	—
(mm) 457	520.5	520.5	1041	1561.5	2082	2602.5	3123	3643.5	4164	4684.5	5205	5725.5
(mm) 530	593.5	593.5	1187	1780.5	2374	2967.5	3561	4154.5	4748	5341.5	—	—
(mm) 610	673.5	673.5	1347	2020.5	2694	3367.5	4041	4714.5	5388	—	—	—

Replacement Parts

Rollers (bag of 4)*

Bumpers for mobile units*

Caster*

Track joining kits

Hardware for track

Footplates*

Model No.

MAXROLL

M9992DBX

5MOOR (plated stem/horn); **5MOORSA** (stainless steel stem/horn)

HDWE-TTJOIN

RPHDWE-TTECAP

9993Z (zinc plated), **9993S** (Stainless Steel)

*Note: compatible with all MetroMax systems, past and present.

Job _____

9.29

MetroMax® Top-Track® High-Density Storage



We put space to work.®

Order Guide

1. Identify the available floor space
Evaluate Top-Track configurations to fill the space. The amount of space needed for the Top-Track unit is calculated by using this formula: Nominal track length + Nominal widths of each end unit + 2" (51mm).

2. Choose the shelving and desired posts.
Choose **(1) end unit kit** based on shelf depth.
Choose **(1) track set** to fill the space.
Select **shelves**.

3. Determine the desired open aisle space.
Reference the Mobile Unit — Space Calculator table on the previous page to select the depth and quantities of mobile units.

Select **mobile unit kits** (including finish for the casters). One needed per mobile unit.
Select **shelves**.

Example: (using MetroMax i)

1. 196" (4979mm) of floor space
12' track + 24" end + 24" end + 2" = 194"
3657mm + 610mm + 610mm + 51mm = 4928mm
Top-Track system can be assembled to fill 194" (4928mm) length of floor space.

2. End unit kit **MXTTE24** (qty. 1)
Grid shelves **MX2448G** (qty. 8)
Solid shelves **MX2448F** (qty. 2)
Track Set **TTS12NA** (qty. 1)

3. Desired open aisle is 36" (914mm).
Tracks measure 12' or 144" (3657mm).

Available space for mobile units is:
144" - 36" = 108" (3657 - 914 = 2743mm)

Each nominal 24" (610mm) unit measures 26.5" (673.5mm) when you include the bumpers.
(4) 26.5" (673.5mm) deep units = 106" (2440mm)

Mobile unit kit **MXTTM24C** (qty. 4)
Grid shelves **MX2448G** (qty. 12)
Solid shelves **MX2448F** (qty. 4)

Top-Track Floor Pad Protectors

- Compensate for soft flooring materials by protecting the floor from normal wear and tear from mobile units.
- To make more applicable for sterile environments a bead of silicone (not included) is recommended to seal the seam between the floor pads and the floor.
- Material: aluminum

Top-Track Wall Mount Bracket

Used to attach one set of tracks to the wall. Eliminates the need for a stationary end unit. Includes one pair of plated wall brackets. Hardware to attach the brackets to the wall is NOT included.

Model No. TTWM

Top-Track Stop Plate Kit

Used in conjunction with the Wall Mount Bracket kit. The aluminum stop plates bolt to the underside of the track next to the wall brackets to prevent mobile units from bumping into the wall.

Model No. TTSTP

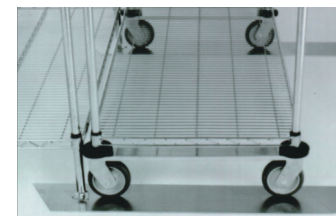
For Track Length (ft)	(mm)	Model No.	For Track Length (ft)	(mm)	Model No.
6	1828	FPS6N	14	4267	FPS14N
7	2135	FPS7N	15	4572	FPS15N
8	2440	FPS8N	16	4877	FPS16N
9	2743	FPS9N	17	5182	FPS17N
10	3048	FPS10N	18	5486	FPS18N
11	3353	FPS11N	19	5791	FPS19N
12	3657	FPS12N	20	6096	FPS20N
13	3962	FPS13N	21	6400	FPS21N



TTWM



TTSTP



Top-Track® Floor Protectors

MetroMax® Top-Track® High-Density Storage



an Ali Group Company



The Spirit of Excellence

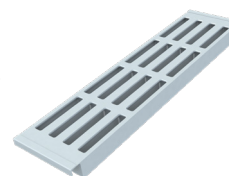
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MetroMax[®] 4 Polymer Shelving

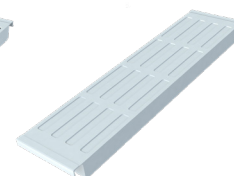


All-polymer corrosion-proof shelving with removable open grid or solid shelf mat sections. Shelves and polymer posts offer a lifetime warranty against rust and corrosion. Shelf mats have built-in Microban[®] antimicrobial product protection. Rigid four-sided shelf frame and robust corner with complete 360° capture of the wedge and post ensure stability, strength and structural integrity. Stationary units have maximum capacity of 2,000 lbs. (907kg) evenly distributed. Mobile units (with stem casters) offer a maximum total unit load of 750lbs. (340kg). Units assemble easily — shelves mount on four one-piece wedges along grooved, numbered posts. Shelves adjust on 1" (25mm) increments.

- **Rust & Corrosion-Proof:** All-polymer construction withstands moisture, chemicals, and harsh environments.
- **Lifetime:** Polymer shelves and posts offer a Lifetime Warranty against rust and corrosion.
- **Proven Stability:** Proven Metro corner design and rigid four-sided shelf frame deliver sturdy stationary, mobile, or high-density track shelving configurations.
- **Easy-to-Clean:** 6" (152mm) wide shelf mats easily remove from the shelf for cleaning by hand or in a commercial washer / dish machine.
- **Microban[®] Antimicrobial Product Protection** is built into the shelf mats 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".
- **Smooth, Protective Surfaces:** Smooth, flat surfaces protect packaged shelf contents from unwanted rips, tears, or damage.
- **Weight Load Capacities (Evenly Distributed)**
Shelf up to and including 48" (1220mm) length: 800 lbs. (363kg)
Shelf 54" (1372mm) or longer: 600 lbs. (272kg)
Stationary Unit: 2,000 lbs. (907kg)
Mobile Unit (with stem casters): up to 750 lbs. (340kg).
Multiply the caster load rating by 3 to determine actual rating [not to exceed 750 lbs.(340kg)].
- **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 seats into position over the posts and wedges. A unit can be assembled without tools in minutes.
- **Interchangeable:** Part of MetroMax platform, MetroMax 4 is compatible on the same shelving units with MetroMax i[®] and MetroMax Q[®] shelves.
- **Two shelf styles:** All MetroMax 4 shelf mats have a $\frac{3}{16}$ " (5mm) tall ship's edge built into each end to help contain supplies during mobile applications.
 - **Open Grid:** Promotes air flow and light penetration.
 - **Solid:** Built-in recesses help contain spills. Solid bottom shelf serves as a barrier to dirt and debris.
- **NSF Listed** for all environments.
- **Optional Accessories** are on spec sheet 9.25.



Open Grid Mat



Solid Mat



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.



Supports good
HACCP
processes



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

{9.22}

MetroMax® 4 Polymer Shelving

Material Specifications:

- **Shelf Mats:** Polypropylene. Mats contain Microban® antimicrobial product protection.
- **Longitudinal Beams:** Pultrusions — continuous glass fibers and thermoset resin composite.
- **End Beams, Adjustable Foot and Socket, Shelf Wedge Connector:** Reinforced nylon.
- **Posts:** Pultrusions — continuous glass fibers and thermoset resin composite.
- **Post Cap:** High-density polyethylene.
- **Continuous Temperature Exposure Range** (with shelves under load): -20/120° F (-29/49° C).
For cleaning, the maximum intermittent temperature exposure is 212° F (100° C).



MetroMax 4 Shelves

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

Shelf with Grid Mats Model No.	Approx. Pkd. Wt.		Shelf with Solid Mats Model No.	Approx. Pkd. Wt.		Nominal Size				Actual Size			
	(lbs.)	(kg)		(lbs.)	(kg)	Width (mm)		Length (mm)		Width (mm)		Length (mm)	
MAX4-1824G	6.3	2.9	MAX4-1824F	6.5	3.0	18	457	24	610	18½	470	23 ¹⁵ / ₁₆	608
MAX4-1830G	7.4	3.4	MAX4-1830F	7.7	3.5	18	457	30	762	18½	470	29 ¹⁵ / ₁₆	760
MAX4-1836G	8.8	4.0	MAX4-1836F	9.2	4.2	18	457	36	914	18½	470	35 ¹⁵ / ₁₆	913
MAX4-1842G	9.6	4.3	MAX4-1842F	10.0	4.5	18	457	42	1067	18½	470	41 ¹⁵ / ₁₆	1065
MAX4-1848G	10.8	4.9	MAX4-1848F	11.3	5.1	18	457	48	1219	18½	470	47 ¹⁵ / ₁₆	1218
MAX4-1854G	11.7	5.3	MAX4-1854F	12.3	5.6	18	457	54	1372	18½	470	53 ¹⁵ / ₁₆	1370
MAX4-1860G	12.8	5.8	MAX4-1860F	13.5	6.1	18	457	60	1524	18½	470	59 ¹⁵ / ₁₆	1522
MAX4-2124G	6.9	3.1	MAX4-2124F	7.2	3.2	21	530	24	610	21½	546	23 ¹⁵ / ₁₆	608
MAX4-2130G	8.1	3.7	MAX4-2130F	8.5	3.8	21	530	30	762	21½	546	29 ¹⁵ / ₁₆	760
MAX4-2136G	9.6	4.4	MAX4-2136F	10.1	4.6	21	530	36	914	21½	546	35 ¹⁵ / ₁₆	913
MAX4-2142G	10.5	4.8	MAX4-2142F	11.0	5.0	21	530	42	1067	21½	546	41 ¹⁵ / ₁₆	1065
MAX4-2148G	11.9	5.4	MAX4-2148F	12.5	5.7	21	530	48	1219	21½	546	47 ¹⁵ / ₁₆	1218
MAX4-2154G	12.9	5.9	MAX4-2154F	13.6	6.2	21	530	54	1372	21½	546	53 ¹⁵ / ₁₆	1370
MAX4-2160G	14.2	6.4	MAX4-2160F	15.0	6.8	21	530	60	1524	21½	546	59 ¹⁵ / ₁₆	1522
MAX4-2424G	7.3	3.3	MAX4-2424F	7.8	3.5	24	610	24	610	24½	622	23 ¹⁵ / ₁₆	608
MAX4-2430G	8.8	4.0	MAX4-2430F	9.3	4.2	24	610	30	762	24½	622	29 ¹⁵ / ₁₆	760
MAX4-2436G	10.5	4.8	MAX4-2436F	11.9	5.0	24	610	36	914	24½	622	35 ¹⁵ / ₁₆	913
MAX4-2442G	11.8	5.4	MAX4-2442F	12.3	5.6	24	610	42	1067	24½	622	41 ¹⁵ / ₁₆	1065
MAX4-2448G	13.1	5.9	MAX4-2448F	13.9	6.3	24	610	48	1219	24½	622	47 ¹⁵ / ₁₆	1218
MAX4-2454G	14.3	6.5	MAX4-2454F	15.4	7.0	24	610	54	1372	24½	622	53 ¹⁵ / ₁₆	1370
MAX4-2460G	15.5	7.0	MAX4-2460F	17.0	7.7	24	610	60	1524	24½	622	59 ¹⁵ / ₁₆	1522

Note: Mobile Units taller than 54" (1372mm) require four shelves or more.



x4

Replacement MetroMax 4 Wedges
Cat. No. MAX4-9985
Bag of four wedges

Stationary Posts

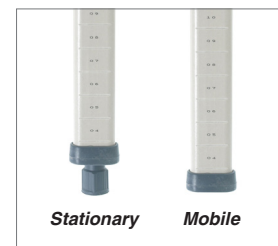
Model No.	Nominal Height		Actual Height*		Approx. Pkd. Wt.	
	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)
MX13P	13	370	14 ³ / ₁₆	360	0.5	0.2
MX27P	27	685	28 ³ / ₁₆	716	0.9	0.4
MX33P	33	875	34 ³ / ₁₆	868	1.0	0.5
MX54P	54	1370	54 ³ / ₁₆	1376	1.6	0.7
MX63P	63	1585	62 ³ / ₁₆	1580	1.8	0.8
MX74P	74	1890	74 ³ / ₁₆	1884	2.2	1.0
MX86P	86	2195	86 ³ / ₁₆	2189	3.0	1.4

*Actual Height with leveling foot completely tightened. Leveling foot can be adjusted up to 1" (25mm) to compensate for uneven floors.

Mobile Posts — for use with stem casters

Model No.	Nominal Height		Actual Height		Approx. Pkd. Wt.	
	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)
MX13UP	13	370	13 ³ / ₁₆	335	0.5	0.2
MX27UP	27	685	27 ³ / ₁₆	691	0.9	0.4
MX33UP	33	875	33 ³ / ₁₆	843	1.0	0.5
MX54UP	54	1370	53 ³ / ₁₆	1351	1.6	0.7
MX63UP	63	1585	61 ³ / ₁₆	1554	1.8	0.8
MX70UP	70	1778	69 ³ / ₁₆	1757	2.0	0.9
MX74UP	74	1890	73 ³ / ₁₆	1859	2.2	1.0
MX86UP	86	2195	85 ³ / ₁₆	2164	3.0	1.4

Consult spec sheet 9.25 for stem casters.



Stationary Mobile

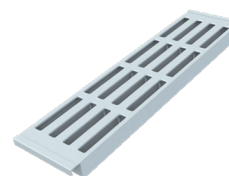
Note: For special height cut posts, consult your Metro representative.

{9.22}

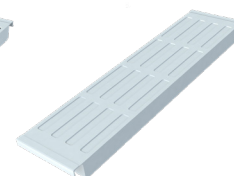
MetroMax® 4 Polymer Shelving

All-polymer corrosion-proof shelving with removable open grid or solid shelf mat sections. Shelves and polymer posts offer a lifetime warranty against rust and corrosion. Shelf mats have built-in Microban® antimicrobial product protection. Rigid four-sided shelf frame and robust corner with complete 360° capture of the wedge and post ensure stability, strength and structural integrity. Stationary units have maximum capacity of 2,000 lbs. (907kg) evenly distributed. Mobile units (with stem casters) offer a maximum total unit load of 750lbs. (340kg). Units assemble easily — shelves mount on four one-piece wedges along grooved, numbered posts. Shelves adjust on 1" (25mm) increments.

- **Rust & Corrosion-Proof:** All-polymer construction withstands moisture, chemicals, and harsh environments.
- **Lifetime:** Polymer shelves and posts offer a Lifetime Warranty against rust and corrosion.
- **Proven Stability:** Proven Metro corner design and rigid four-sided shelf frame deliver sturdy stationary, mobile, or high-density track shelving configurations.
- **Easy-to-Clean:** 6" (152mm) wide shelf mats easily remove from the shelf for cleaning by hand or in a commercial washer / dish machine.
- **Microban® Antimicrobial Product Protection** is built into the shelf mats 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".
- **Smooth, Protective Surfaces:** Smooth, flat surfaces protect packaged shelf contents from unwanted rips, tears, or damage.
- **Weight Load Capacities (Evenly Distributed)**
Shelf up to and including 48" (1220mm) length: 800 lbs. (363kg)
Shelf 54" (1372mm) or longer: 600 lbs. (272kg)
Stationary Unit: 2,000 lbs. (907kg)
Mobile Unit (with stem casters): up to 750 lbs. (340kg).
Multiply the caster load rating by 3 to determine actual rating [not to exceed 750 lbs.(340kg)].
- **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 seats into position over the posts and wedges. A unit can be assembled without tools in minutes.
- **Interchangeable:** Part of MetroMax platform, MetroMax 4 is compatible on the same shelving units with MetroMax i® and MetroMax Q® shelves.
- **Two shelf styles:** All MetroMax 4 shelf mats have a 3/16" (5mm) tall ship's edge built into each end to help contain supplies during mobile applications.
 - **Open Grid:** Promotes air flow and light penetration.
 - **Solid:** Built-in recesses help contain spills. Solid bottom shelf serves as a barrier to dirt and debris.
- **NSF Listed** for all environments.
- **Optional Accessories** are on spec sheet 9.25.



Open Grid Mat



Solid Mat



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Supports good
HACCP
processes



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

{9.22}

MetroMax® 4 Polymer Shelving

Material Specifications:

- **Shelf Mats:** Polypropylene. Mats contain Microban® antimicrobial product protection.
- **Longitudinal Beams:** Pultrusions — continuous glass fibers and thermoset resin composite.
- **End Beams, Adjustable Foot and Socket, Shelf Wedge Connector:** Reinforced nylon.
- **Posts:** Pultrusions — continuous glass fibers and thermoset resin composite.
- **Post Cap:** High-density polyethylene.
- **Continuous Temperature Exposure Range** (with shelves under load): -20/120° F (-29/49° C).
For cleaning, the maximum intermittent temperature exposure is 212° F (100° C).



MetroMax 4 Shelves

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

Shelf with Grid Mats Model No.	Approx. Pkd. Wt.		Shelf with Solid Mats Model No.	Approx. Pkd. Wt.		Nominal Size				Actual Size			
	(lbs.)	(kg)		(lbs.)	(kg)	Width (mm)		Length (mm)		Width (mm)		Length (mm)	
MAX4-1824G	6.3	2.9	MAX4-1824F	6.5	3.0	18	457	24	610	18½	470	23 ¹⁵ / ₁₆	608
MAX4-1830G	7.4	3.4	MAX4-1830F	7.7	3.5	18	457	30	762	18½	470	29 ¹⁵ / ₁₆	760
MAX4-1836G	8.8	4.0	MAX4-1836F	9.2	4.2	18	457	36	914	18½	470	35 ¹⁵ / ₁₆	913
MAX4-1842G	9.6	4.3	MAX4-1842F	10.0	4.5	18	457	42	1067	18½	470	41 ¹⁵ / ₁₆	1065
MAX4-1848G	10.8	4.9	MAX4-1848F	11.3	5.1	18	457	48	1219	18½	470	47 ¹⁵ / ₁₆	1218
MAX4-1854G	11.7	5.3	MAX4-1854F	12.3	5.6	18	457	54	1372	18½	470	53 ¹⁵ / ₁₆	1370
MAX4-1860G	12.8	5.8	MAX4-1860F	13.5	6.1	18	457	60	1524	18½	470	59 ¹⁵ / ₁₆	1522
MAX4-2124G	6.9	3.1	MAX4-2124F	7.2	3.2	21	530	24	610	21½	546	23 ¹⁵ / ₁₆	608
MAX4-2130G	8.1	3.7	MAX4-2130F	8.5	3.8	21	530	30	762	21½	546	29 ¹⁵ / ₁₆	760
MAX4-2136G	9.6	4.4	MAX4-2136F	10.1	4.6	21	530	36	914	21½	546	35 ¹⁵ / ₁₆	913
MAX4-2142G	10.5	4.8	MAX4-2142F	11.0	5.0	21	530	42	1067	21½	546	41 ¹⁵ / ₁₆	1065
MAX4-2148G	11.9	5.4	MAX4-2148F	12.5	5.7	21	530	48	1219	21½	546	47 ¹⁵ / ₁₆	1218
MAX4-2154G	12.9	5.9	MAX4-2154F	13.6	6.2	21	530	54	1372	21½	546	53 ¹⁵ / ₁₆	1370
MAX4-2160G	14.2	6.4	MAX4-2160F	15.0	6.8	21	530	60	1524	21½	546	59 ¹⁵ / ₁₆	1522
MAX4-2424G	7.3	3.3	MAX4-2424F	7.8	3.5	24	610	24	610	24½	622	23 ¹⁵ / ₁₆	608
MAX4-2430G	8.8	4.0	MAX4-2430F	9.3	4.2	24	610	30	762	24½	622	29 ¹⁵ / ₁₆	760
MAX4-2436G	10.5	4.8	MAX4-2436F	11.9	5.0	24	610	36	914	24½	622	35 ¹⁵ / ₁₆	913
MAX4-2442G	11.8	5.4	MAX4-2442F	12.3	5.6	24	610	42	1067	24½	622	41 ¹⁵ / ₁₆	1065
MAX4-2448G	13.1	5.9	MAX4-2448F	13.9	6.3	24	610	48	1219	24½	622	47 ¹⁵ / ₁₆	1218
MAX4-2454G	14.3	6.5	MAX4-2454F	15.4	7.0	24	610	54	1372	24½	622	53 ¹⁵ / ₁₆	1370
MAX4-2460G	15.5	7.0	MAX4-2460F	17.0	7.7	24	610	60	1524	24½	622	59 ¹⁵ / ₁₆	1522

Note: Mobile Units taller than 54" (1372mm) require four shelves or more.



x4

Replacement MetroMax 4 Wedges
Cat. No. MAX4-9985
Bag of four wedges

Stationary Posts

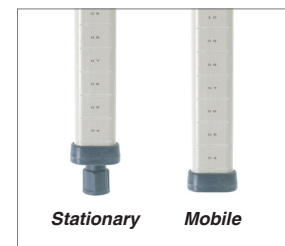
Model No.	Nominal Height		Actual Height*		Approx. Pkd. Wt.	
	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)
MX13P	13	370	14 ³ / ₁₆	360	0.5	0.2
MX27P	27	685	28 ³ / ₁₆	716	0.9	0.4
MX33P	33	875	34 ³ / ₁₆	868	1.0	0.5
MX54P	54	1370	54 ³ / ₁₆	1376	1.6	0.7
MX63P	63	1585	62 ³ / ₁₆	1580	1.8	0.8
MX74P	74	1890	74 ³ / ₁₆	1884	2.2	1.0
MX86P	86	2195	86 ³ / ₁₆	2189	3.0	1.4

*Actual Height with leveling foot completely tightened. Leveling foot can be adjusted up to 1" (25mm) to compensate for uneven floors.

Mobile Posts — for use with stem casters

Model No.	Nominal Height		Actual Height		Approx. Pkd. Wt.	
	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)
MX13UP	13	370	13 ³ / ₁₆	335	0.5	0.2
MX27UP	27	685	27 ³ / ₁₆	691	0.9	0.4
MX33UP	33	875	33 ³ / ₁₆	843	1.0	0.5
MX54UP	54	1370	53 ³ / ₁₆	1351	1.6	0.7
MX63UP	63	1585	61 ³ / ₁₆	1554	1.8	0.8
MX70UP	70	1778	69 ³ / ₁₆	1757	2.0	0.9
MX74UP	74	1890	73 ³ / ₁₆	1859	2.2	1.0
MX86UP	86	2195	85 ³ / ₁₆	2164	3.0	1.4

Consult spec sheet 9.25 for stem casters.



Stationary Mobile

Note: For special height cut posts, consult your Metro representative.

{9.20}

MetroMax® i Polymer Shelving



All polymer corrosion-proof shelving constructed of advanced polymers and Type 304 stainless corners. Open grid or solid shelf mats easily lift off the shelf frames. Shelves and polymer posts offer a lifetime warranty against rust and corrosion. Shelf mats have built-in Microban® antimicrobial product protection. Shelf has a rigid four-sided frame with center truss. 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 numbered, grooved posts and adjust on 1" (25mm) increments.

- **Rust & Corrosion-Proof:** All-polymer and Type 304 stainless design withstands moisture, chemicals, and harsh environments.
- **Forever Guarantee:** Lifetime warranty against rust and corrosion.
- **Maximum Strength:** Proven corner connection and rigid four-sided frame with center truss assure stability and strength in stationary, mobile, and high-density track shelving configurations.
1000 lbs. (454kg) per shelf for lengths of 24" to 48" (610 to 1219mm)
750 lbs. (340kg) 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.
- **Easiest to Clean:** Smooth surfaces easily wipe clean. 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 to help fight the growth of stain and odor-causing bacteria, fungi, mold, and mildew to keep product cleaner between cleanings.
- **Smooth, Protective Surfaces:** Smooth, flat surfaces protect packaged shelf contents from unwanted rips, tears, or damage.
- **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 seats into position over the posts and wedges. A unit can be assembled without tools in minutes.
- **Interchangeable:** Part of the MetroMax platform, corrosion proof MetroMax i shelves are compatible on the same shelving units with MetroMax Q and MetroMax 4 shelves.
- **Robust Open Grid and Solid Mat Options:** Shelf mats are sturdy and safely support concentrated loads from instrumentation and equipment. Built-in ship's edge helps contain supplies in mobile applications.
Open grid mats are sectioned and promote air circulation and light penetration.
One-piece solid mats offer maximum spill retention and are ideal to protect items on the bottom shelf from dirt or backsplashes from cleaning floors.
Note: 72" L (1829mm) solid shelf has two mat sections.
- **NSF Listed** for all environments.
- **Maximum Versatility:** complete line of accessories are found on spec sheet 9.25.



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.



Supports good
HACCP
processes



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

{9.20}

MetroMax® i Polymer Shelving



Material Specifications:

- **Shelf Mats:** Polypropylene with built-in Microban antimicrobial product protection.
- **Longitudinal Beams:** Pultrusions — continuous glass fibers and thermoset resin composite.
- **End Beams, Adjustable Foot and Socket, Shelf Wedge Connector:** Reinforced nylon.
- **Fasteners:** Type 304 stainless steel screws.
- **Posts:** Pultrusions — continuous glass fibers and thermoset resin composite.
- **Post Cap and Center Beam Cap:** High-density polyethylene.
- **“S” Hook Tab Hole Plug:** Vinyl.
- **Collar and “S” Hook:** Type 304 stainless steel.
- **Continuous Temperature:** MetroMax i® can be used continuously within a range of -20/120° F (-29/49° C) with intermittent exposure to 212° F (100° C) for cleaning.



**Replacement
MetroMax i Wedges**
Cat. No. **MX9985**
Bag of 4 wedges

Standard Shelves

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

Shelf with Grid Mats Model No.	Approx. Pkd. Wt.		Shelf with Solid Mat Model No.	Approx. Pkd. Wt.		Nominal Size		Actual Size					
	(lbs.)	(kg)		(lbs.)	(kg)	Width (in.)	Length (mm)	Width (in.)	Length (mm)	Width (in.)	Length (mm)		
MX1824G	8.7	4.0	MX1824F	12.7	5.8	18	457	24	610	18 ¹ / ₄	464	23 ¹¹ / ₁₆	602
MX1830G	10.5	4.7	MX1830F	14.5	6.6	18	457	30	762	18 ¹ / ₄	464	29 ¹ / ₁₆	754
MX1836G	12.2	5.5	MX1836F	17.2	7.8	18	457	36	914	18 ¹ / ₄	464	35 ¹¹ / ₁₆	907
MX1842G	13.9	6.3	MX1842F	20.1	9.1	18	457	42	1067	18 ¹ / ₄	464	41 ¹¹ / ₁₆	1059
MX1848G	15.7	7.1	MX1848F	23.1	10.5	18	457	48	1219	18 ¹ / ₄	464	47 ¹¹ / ₁₆	1211
MX1854G	17.5	7.9	MX1854F	21.5	9.7	18	457	54	1372	18 ¹ / ₄	464	53 ¹¹ / ₁₆	1364
MX1860G	19.2	8.7	MX1860F	23.2	10.5	18	457	60	1524	18 ¹ / ₄	464	59 ¹¹ / ₁₆	1516
MX1872G	22.5	10.2	MX1872F	27.5	12.5	18	457	72	1829	18 ¹ / ₄	464	71 ¹¹ / ₁₆	1821
MX2424G	12.2	5.5	MX2424F	14.2	6.4	24	610	24	610	24 ¹ / ₄	616	23 ¹¹ / ₁₆	602
MX2430G	13.9	6.3	MX2430F	15.9	7.2	24	610	30	762	24 ¹ / ₄	616	29 ¹ / ₁₆	754
MX2436G	15.6	7.1	MX2436F	19.6	8.9	24	610	36	914	24 ¹ / ₄	616	35 ¹¹ / ₁₆	907
MX2442G	17.5	7.9	MX2442F	21.5	9.8	24	610	42	1067	24 ¹ / ₄	616	41 ¹¹ / ₁₆	1059
MX2448G	19.3	8.7	MX2448F	25.3	11.5	24	610	48	1219	24 ¹ / ₄	616	47 ¹¹ / ₁₆	1211
MX2454G	21.0	9.5	MX2454F	25.0	11.3	24	610	54	1372	24 ¹ / ₄	616	53 ¹¹ / ₁₆	1364
MX2460G	22.8	10.3	MX2460F	26.8	12.1	24	610	60	1524	24 ¹ / ₄	616	59 ¹¹ / ₁₆	1516
MX2472G	26.0	11.8	MX2472F	31.0	14.1	24	610	72	1829	24 ¹ / ₄	616	71 ¹¹ / ₁₆	1821

Heavy-Duty Dunnage Shelves

- Weight capacity per shelf evenly distributed: 1,200 lbs. (544kg) on shelves up to and including 48" (1220mm) long; 900 lbs. (408kg) for shelves 54" (1370mm) and longer.
- Dunnage shelves are recommended for use on units with four posts, not as part of an add-on unit with two posts.

Shelf with Grid Mat Model No.	Nominal Size		Approx. Pkd. Wt. (lbs.) (kg)
	Width (in.) (mm)	Length (in.) (mm)	
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

Stationary Posts

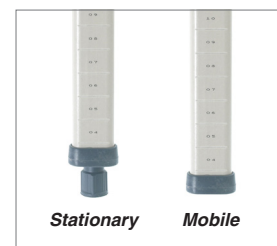
Model No.	Nominal Height		Actual Height*		Approx. Pkd. Wt.	
	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)
MX13P	13	370	14 ³ / ₁₆	360	0.5	0.2
MX27P	27	685	28 ³ / ₁₆	716	0.9	0.4
MX33P	33	875	34 ³ / ₁₆	868	1.0	0.5
MX54P	54	1370	54 ³ / ₁₆	1376	1.6	0.7
MX63P	63	1585	62 ³ / ₁₆	1580	1.8	0.8
MX74P	74	1890	74 ³ / ₁₆	1884	2.2	1.0
MX86P	86	2195	86 ³ / ₁₆	2189	3.0	1.4

*Actual Height with leveling foot completely tightened. Leveling foot can be adjusted up to 1" (25mm) to compensate for uneven floors.

Mobile Posts — for use with stem casters

Model No.	Nominal Height		Actual Height		Approx. Pkd. Wt.	
	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)
MX9UP	9	228	9 ³ / ₁₆	233	0.3	0.15
MX13UP	13	370	13 ³ / ₁₆	335	0.5	0.2
MX27UP	27	685	27 ³ / ₁₆	691	0.9	0.4
MX33UP	33	875	33 ³ / ₁₆	843	1.0	0.5
MX54UP	54	1370	53 ³ / ₁₆	1351	1.6	0.7
MX63UP	63	1585	61 ³ / ₁₆	1554	1.8	0.8
MX70UP	70	1778	69 ³ / ₁₆	1757	2.0	0.9
MX74UP	74	1890	73 ³ / ₁₆	1859	2.2	1.0
MX86UP	86	2195	85 ³ / ₁₆	2164	3.0	1.4

Consult spec sheet 9.25 for stem casters.



Note: For special height cut posts, consult your Metro representative.



Item # _____

We put space to work.

Job _____

Metro® Stem Casters - MetroMax®

Metro Stem-Type Casters are designed to fit MetroMax posts to form shelf carts and other mobile units. Bumpers are included.

Plated Casters with High Modulus treads

- Non marking high modulus donut tread and polyolefin hub. Plated horns, stems, axles, and brakes (optional) are appropriate for dry environments and for medium duty applications. Ball bearing swivel and axle. NSF listed. Bumpers included. Brake style: pedal brake.
- TPR tread (70 shore): Quieter than polyurethane and resilient rubber caster options.

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg.)	Type	Wheel Tread	Temperature range (Continuous usage)		Apprx. Pkd. Wt.		MetroMax Cat. No.		
					(Fahrenheit)	(Celsius)	(lbs.)	(kg.)			
5	1.25	32	250	113	Stem/Swivel	High Modulus Donut	-20° - 180°	-29° - 82°	2.2	1.0	5MDXA
5	1.25	32	250	113	Stem/Brake	High Modulus Donut	-20° - 180°	-29° - 82°	2.4	1.1	5MDBXA
5	1.25	32	250	113	Stem/Rigid	High Modulus Donut	-20° - 180°	-29° - 82°	2.2	1.0	5MDXRA

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



For all rigid casters.

Rigid stem casters improve tracking and handling of mobile units over long distances. Rigid caster channels are selected at the time of order.

How to Order:

Order (2) Rigid Casters
Select Rigid Channel based on the depth of the shelving. (Provided at no charge)

Bumpers are included with each caster.



Plated Casters with Polyurethane Tread

- Chrome plated horns, stems, axles, and brakes (optional) are appropriate for dry environments and for medium duty applications. Non marking polyurethane flat tread and polyethylene hub. Ball bearing swivel and axle. NSF listed. Bumpers included. Brake style: side brake.

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg.)	Type	Wheel Tread	Temperature range (Continuous usage)		Apprx. Pkd. Wt.		Cat. No.		
					(Fahrenheit)	(Celsius)	(lbs.)	(kg.)			
5	1.25	32	300	135	Stem/Swivel	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.5	1.1	5MPX
5	1.25	32	300	135	Stem/Brake	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.7	1.2	5MPBX
5	1.25	32	300	135	Stem/Rigid	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.4	1.1	5MPRX

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



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Stem Casters - MetroMax

Plated Casters with resilient rubber treads

- Solid resilient rubber material. Plated horns, stems, axles, and brakes (optional) are appropriate for dry environments and for medium duty applications. Ball bearing swivel. NSF listed. Bumpers included. Brake style: side brake.

Wheel Diameter		Face		Load Rating		Type	Wheel Tread	Temperature range (Continuous usage)		Apprx. Pkd. Wt.		Cat. No.
(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg.)			(Fahrenheit)	(Celsius)	(lbs.)	(kg.)	
5	127	1-1/4	32	200	90	Stem/Swivel	Resilient, Flat	-20° - 160°	-29° - 71°	2.9	1.3	5MX
5	127	1-1/4	32	200	90	Stem/Brake	Resilient, Flat	-20° - 160°	-29° - 71°	3.1	1.4	5MBX
5	127	1-1/4	32	200	90	Stem/Rigid	Resilient, Flat	-20° - 160°	-29° - 71°	2.9	1.3	5MRX

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



5MX



5MBX



5MRX

**Bumpers are included
with each caster.**

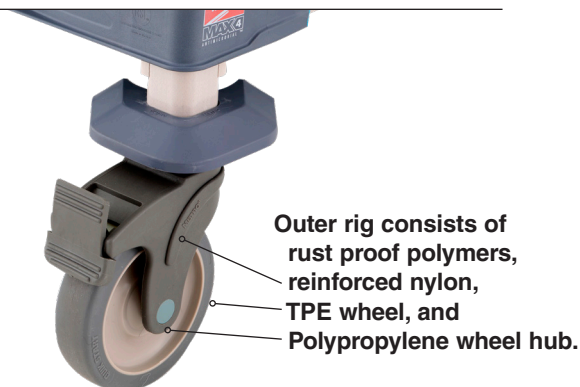




Stem Casters - MetroMax

Polymer & Stainless Total-Guard Caster

- High rust protection: Reinforced nylon rig with Stainless Steel stem and hardware.
- Maintenance Free: Sealed swivel SS ball bearings and Delrin axle bearings.
- Swivel and Total Lock Brake options.
- Pedal brake locks the wheel and the swivel motion. More control than conventional stem casters with wheel brakes only.
- Non-marking Thermoplastic Elastomer [TPE] tread (70 shore) is quieter and more shock absorbent than a TPU tread.



Wheel Diameter		Face		Load Rating		Type	Wheel Tread	Temperature range (continuous)		Apprx. Pkd. Wt.		Model No.
(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)			(Fahrenheit)	(Celsius)	(lbs.)	(kg)	
5	127	1.25	32	250	113	Stem/Swivel	TPE, Flat	-20° - 120°	-29° - 49°	1.8	0.8	5PSTEX
5	127	1.25	32	250	113	Stem/Brake	TPE, Flat	-20° - 120°	-29° - 49°	2.0	0.9	5PSTEBX

Best uses...

- Best suited for use with MetroMax and Metroseal shelving
- Best tread for high humidity controlled environments
- Excellent Corrosion Resistance
- Excellent Chemical Resistance
- Best option for aquatic facilities (environments with high salt exposure)
- Low magnetism: Best option for MRI and RFID applications
- A good option for cart wash chamber cleaning processes.

Where not to use...

- Tread not suited for exposure to acids or petroleum based chemicals.



5PSTEX
Swivel



5PSTEBX
Total Lock

Standard Polymer Casters

- Basic corrosion protection: Reinforced nylon rig with chromate plated stem and swivel raceway
- Maintenance Free: Sealed swivel ball bearings and Delrin axle bearings
- Swivel, Total-Lock Brake, and Rigid options
- Pedal brake locks the wheel AND swivel motion
- Non-marking polyurethane (TPU) tread
- Optional Models with built-in antimicrobial TPU tread

Bumpers are included with each caster.



Wheel Diameter		Face		Load Rating		Type	Wheel Tread	Temperature range (continuous)		Apprx. Pkd. Wt.		MetroMax Model No.
(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)			(Fahrenheit)	(Celsius)	(lbs.)	(kg)	
5	127	1.25	32	300	135	Stem/Swivel	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.1	1.0	5PCX
5	127	1.25	32	300	135	Stem/Brake	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.3	1.0	5PCBX
5	127	1.25	32	300	135	Stem/Rigid	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.1	1.0	5PCRX
5	127	1.25	32	300	135	Stem/Swivel	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.0	0.9	5PCXM
5	127	1.25	32	300	135	Stem/Brake	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.2	1.0	5PCBXM

Tread with built-in antimicrobial.

Note: Rigid connecting channel (aluminum): Cat. No. P14RC, P18RC, P21RC, P24RC.

Best uses...

- Basic Corrosion Protection versus common industrial casters
- Good Chemical Resistance

Where not to use...

- Not suited for areas with spray sterilization processes on regular basis
- Not suited for high humidity controlled environments
- Not suited for high temperature cart wash chambers



5PCX
Swivel



5PCBX
Swivel & Brake



5PCXM
Antimicrobial
Tread Swivel



5PCBXM
Antimicrobial
Tread Swivel
Brake

Job _____



Stem Casters - MetroMax

We put space to work.

Premium Type 304 Stainless Steel Casters

- Type 304 Stainless Steel Rig, Hardware and SS bearings.
- Non-marking Treads
- Swivel, Brake, and Rigid Options
- Pedal brake locks the wheel

Bumpers are included with each caster.



Polyurethane (TPU) Tread Models

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg)		Type	Wheel Tread	Temperature range (continuous) (Fahrenheit) (Celsius)		Apprx. Pkd. Wt. (lbs.) (kg)		MetroMax Model No.		
5	127	1.25	32	300	135	Stem/Swivel	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.3	1.0	5MPXGSA
5	127	1.25	32	300	135	Stem/Brake	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.5	1.1	5MPBXGSA
5	127	1.25	32	300	135	Stem/Rigid	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.3	1.0	5MPRXGSA

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



5MPXGSA



5MPBXGSA



5MPRXGSA

Best uses...

- Best suited for high temperature cart wash chambers up to 180F (82C) when paired with Stainless Steel Shelving.
- Moving heavy loads regularly (90 shore TPU tread)
- High impact mobile uses (elevators, thresholds, ramps)
- Excellent Corrosion Resistance
- Excellent Chemical Resistance

Thermoplastic Rubber (TPR) Tread Models

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg)		Type	Wheel Tread	Temperature range (continuous) (Fahrenheit) (Celsius)		Apprx. Pkd. Wt. (lbs.) (kg)		MetroMax Model No.		
5	127	1.25	32	250	113	Stem/Swivel	TPR donut	-20° - 180°	-29° - 82°	2.4	1.1	5MDGSXA
5	127	1.25	32	250	113	Stem/Brake	TPR donut	-20° - 180°	-29° - 82°	2.6	1.2	5MDBGSXA
5	127	1.25	32	250	113	Stem/Rigid	TPR donut	-20° - 180°	-29° - 82°	2.4	1.1	5MDRGSXA

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



5MDGSXA



5MDBGSXA



5MDRGSXA

Best uses...

- Best tread for high humidity controlled environments
- Excellent Corrosion Resistance
- Excellent Chemical Resistance
- Softer TPR donut tread (70 shore) is more shock absorbent than TPU

Where not to use...

- Tread not suited for exposure to acids or petroleum based chemicals.

Maintenance - Stainless Casters

- TPU tread swivel and swivel/brake models: Swivel raceway has a grease fitting. The axle has sealed bearings that do not require additional lubrication.
- TPR tread swivel and swivel/brake models: swivel raceway and axles have grease fittings. Rigid caster model has an axle with a grease fitting.
- User should determine the frequency of maintenance based on their usage conditions.

Job _____



Stem Casters - MetroMax

We put space to work.®

- **Swivel and Swivel/Brake casters** rotate a full 360 degrees for easy maneuvering.
- **Brakes:** Wheel brakes are foot operated.
- **Bumpers:** Non Phthalate vinyl material is strong yet flexible to protect walls from damage. Each caster, except where noted, includes a 3-1/2" (89mm) diameter bumper. Optional 5" (127mm) diameter bumpers are available.
- **Weight Load Capacity** of a cart (evenly distributed): Caster Load Rating x 3.

Caster Wheel Material Guide

Caster Tread	Grease/Oil Resistance	Floor Protection	Load Rating	Key Advantage
Resilient Rubber	Low	High	200 lbs. (90kg)	Basic mobility.
High Modulus Rubber	High	High	250 lbs. (113kg)	Quieter than resilient rubber and polyurethane. Well suited for environments with constant exposure to moisture and/or high humidity.
Polyurethane	High	High	300 lbs. (135kg)	Easiest to move heavy loads.

Replacement Bumpers

Non Phthalate Vinyl

Height (in.)	Height (mm)	MetroMax Cat. No.
.84	22	M9992DBX



Rigid Caster Channels

- Typically used opposite two swivel style casters to create carts that are easy to steer over long distances.
- Note: A type 304 stainless rigid caster channel is included at no charge with each two rigid plated or SS casters. An aluminum rigid channel is included with each two polymer horn rigid casters (model 5PCR).

For shelf depth		Cat. No.	(For use with 5PCR)	
(in.)	(mm)		Cat. No.	Cat. No.
14"	355	14RS	P14RC	
18"	457	18RS	P18RC	
21"	530	21RS	P21RC	
24"	610	24RS	P24RC	



Rigid Caster Channel

Swivel Casters



24RS



P24RC

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The Spirit of Excellence



Item # _____

We put space to work.

Job _____

Metro® Stem Casters - MetroMax®

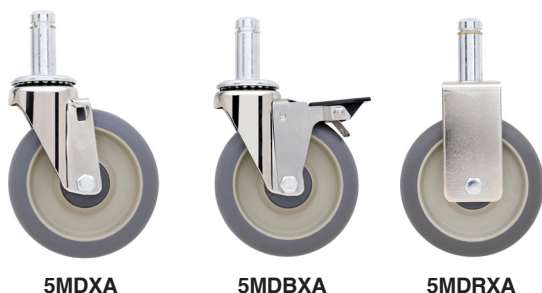
Metro Stem-Type Casters are designed to fit MetroMax posts to form shelf carts and other mobile units. Bumpers are included.

Plated Casters with High Modulus treads

- Non marking high modulus donut tread and polyolefin hub. Plated horns, stems, axles, and brakes (optional) are appropriate for dry environments and for medium duty applications. Ball bearing swivel and axle. NSF listed. Bumpers included. Brake style: pedal brake.
- TPR tread (70 shore): Quieter than polyurethane and resilient rubber caster options.

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg.)	Type	Wheel Tread	Temperature range (Continuous usage)		Apprx. Pkd. Wt.		MetroMax Cat. No.		
					(Fahrenheit)	(Celsius)	(lbs.)	(kg.)			
5	1.25	32	250	113	Stem/Swivel	High Modulus Donut	-20° - 180°	-29° - 82°	2.2	1.0	5MDXA
5	1.25	32	250	113	Stem/Brake	High Modulus Donut	-20° - 180°	-29° - 82°	2.4	1.1	5MDBXA
5	1.25	32	250	113	Stem/Rigid	High Modulus Donut	-20° - 180°	-29° - 82°	2.2	1.0	5MDXRA

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



For all rigid casters.

Rigid stem casters improve tracking and handling of mobile units over long distances. Rigid caster channels are selected at the time of order.

How to Order:

Order (2) Rigid Casters
Select Rigid Channel based on the depth of the shelving. (Provided at no charge)

Bumpers are included with each caster.



Plated Casters with Polyurethane Tread

- Chrome plated horns, stems, axles, and brakes (optional) are appropriate for dry environments and for medium duty applications. Non marking polyurethane flat tread and polyethylene hub. Ball bearing swivel and axle. NSF listed. Bumpers included. Brake style: side brake.

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg.)	Type	Wheel Tread	Temperature range (Continuous usage)		Apprx. Pkd. Wt.		Cat. No.		
					(Fahrenheit)	(Celsius)	(lbs.)	(kg.)			
5	1.25	32	300	135	Stem/Swivel	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.5	1.1	5MPX
5	1.25	32	300	135	Stem/Brake	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.7	1.2	5MPBX
5	1.25	32	300	135	Stem/Rigid	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.4	1.1	5MPRX

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



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Stem Casters - MetroMax

Plated Casters with resilient rubber treads

- Solid resilient rubber material. Plated horns, stems, axles, and brakes (optional) are appropriate for dry environments and for medium duty applications. Ball bearing swivel. NSF listed. Bumpers included. Brake style: side brake.

Wheel Diameter		Face		Load Rating		Type	Wheel Tread	Temperature range (Continuous usage)		Apprx. Pkd. Wt.		Cat. No.
(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg.)			(Fahrenheit)	(Celsius)	(lbs.)	(kg.)	
5	127	1-1/4	32	200	90	Stem/Swivel	Resilient, Flat	-20° - 160°	-29° - 71°	2.9	1.3	5MX
5	127	1-1/4	32	200	90	Stem/Brake	Resilient, Flat	-20° - 160°	-29° - 71°	3.1	1.4	5MBX
5	127	1-1/4	32	200	90	Stem/Rigid	Resilient, Flat	-20° - 160°	-29° - 71°	2.9	1.3	5MRX

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



5MX



5MBX



5MRX

**Bumpers are included
with each caster.**

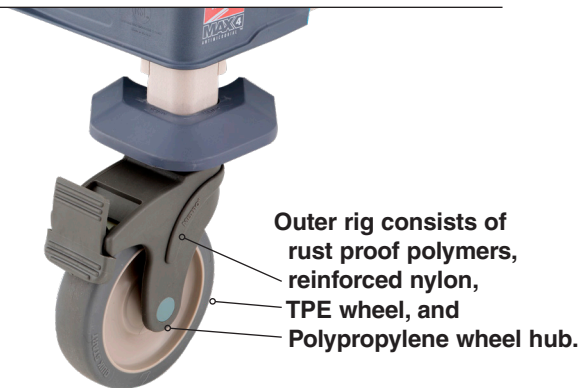




Stem Casters - MetroMax

Polymer & Stainless Total-Guard Caster

- High rust protection: Reinforced nylon rig with Stainless Steel stem and hardware.
- Maintenance Free: Sealed swivel SS ball bearings and Delrin axle bearings.
- Swivel and Total Lock Brake options.
- Pedal brake locks the wheel and the swivel motion. More control than conventional stem casters with wheel brakes only.
- Non-marking Thermoplastic Elastomer [TPE] tread (70 shore) is quieter and more shock absorbent than a TPU tread.



Wheel Diameter		Face		Load Rating		Type	Wheel Tread	Temperature range (continuous)		Apprx. Pkd. Wt.		Model No.
(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)			(Fahrenheit)	(Celsius)	(lbs.)	(kg)	
5	127	1.25	32	250	113	Stem/Swivel	TPE, Flat	-20° - 120°	-29° - 49°	1.8	0.8	5PSTEX
5	127	1.25	32	250	113	Stem/Brake	TPE, Flat	-20° - 120°	-29° - 49°	2.0	0.9	5PSTEBX

Best uses...

- Best suited for use with MetroMax and Metroseal shelving
- Best tread for high humidity controlled environments
- Excellent Corrosion Resistance
- Excellent Chemical Resistance
- Best option for aquatic facilities (environments with high salt exposure)
- Low magnetism: Best option for MRI and RFID applications
- A good option for cart wash chamber cleaning processes.

Where not to use...

- Tread not suited for exposure to acids or petroleum based chemicals.



5PSTEX
Swivel

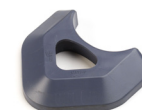


5PSTEBX
Total Lock

Standard Polymer Casters

- Basic corrosion protection: Reinforced nylon rig with chromate plated stem and swivel raceway
- Maintenance Free: Sealed swivel ball bearings and Delrin axle bearings
- Swivel, Total-Lock Brake, and Rigid options
- Pedal brake locks the wheel AND swivel motion
- Non-marking polyurethane (TPU) tread
- Optional Models with built-in antimicrobial TPU tread

Bumpers are included with each caster.



Wheel Diameter		Face		Load Rating		Type	Wheel Tread	Temperature range (continuous)		Apprx. Pkd. Wt.		MetroMax Model No.
(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)			(Fahrenheit)	(Celsius)	(lbs.)	(kg)	
5	127	1.25	32	300	135	Stem/Swivel	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.1	1.0	5PCX
5	127	1.25	32	300	135	Stem/Brake	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.3	1.0	5PCBX
5	127	1.25	32	300	135	Stem/Rigid	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.1	1.0	5PCRX
5	127	1.25	32	300	135	Stem/Swivel	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.0	0.9	5PCXM
5	127	1.25	32	300	135	Stem/Brake	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.2	1.0	5PCBXM

Tread with built-in antimicrobial.

Note: Rigid connecting channel (aluminum): Cat. No. P14RC, P18RC, P21RC, P24RC.

Best uses...

- Basic Corrosion Protection versus common industrial casters
- Good Chemical Resistance

Where not to use...

- Not suited for areas with spray sterilization processes on regular basis
- Not suited for high humidity controlled environments
- Not suited for high temperature cart wash chambers



5PCX
Swivel



5PCBX
Swivel & Brake



5PCXM
Antimicrobial
Tread Swivel



5PCBXM
Antimicrobial
Tread Swivel
Brake

Job _____



Stem Casters - MetroMax

We put space to work.

Premium Type 304 Stainless Steel Casters

- Type 304 Stainless Steel Rig, Hardware and SS bearings.
- Non-marking Treads
- Swivel, Brake, and Rigid Options
- Pedal brake locks the wheel

Bumpers are included with each caster.



Polyurethane (TPU) Tread Models

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg)		Type	Wheel Tread	Temperature range (continuous) (Fahrenheit) (Celsius)		Apprx. Pkd. Wt. (lbs.) (kg)		MetroMax Model No.		
5	127	1.25	32	300	135	Stem/Swivel	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.3	1.0	5MPXGSA
5	127	1.25	32	300	135	Stem/Brake	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.5	1.1	5MPBXGSA
5	127	1.25	32	300	135	Stem/Rigid	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.3	1.0	5MPRXGSA

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



5MPXGSA



5MPBXGSA



5MPRXGSA

Best uses...

- Best suited for high temperature cart wash chambers up to 180F (82C) when paired with Stainless Steel Shelving.
- Moving heavy loads regularly (90 shore TPU tread)
- High impact mobile uses (elevators, thresholds, ramps)
- Excellent Corrosion Resistance
- Excellent Chemical Resistance

Thermoplastic Rubber (TPR) Tread Models

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg)		Type	Wheel Tread	Temperature range (continuous) (Fahrenheit) (Celsius)		Apprx. Pkd. Wt. (lbs.) (kg)		MetroMax Model No.		
5	127	1.25	32	250	113	Stem/Swivel	TPR donut	-20° - 180°	-29° - 82°	2.4	1.1	5MDGSXA
5	127	1.25	32	250	113	Stem/Brake	TPR donut	-20° - 180°	-29° - 82°	2.6	1.2	5MDBGSXA
5	127	1.25	32	250	113	Stem/Rigid	TPR donut	-20° - 180°	-29° - 82°	2.4	1.1	5MDRGSXA

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



5MDGSXA



5MDBGSXA



5MDRGSXA

Best uses...

- Best tread for high humidity controlled environments
- Excellent Corrosion Resistance
- Excellent Chemical Resistance
- Softer TPR donut tread (70 shore) is more shock absorbent than TPU

Where not to use...

- Tread not suited for exposure to acids or petroleum based chemicals.

Maintenance - Stainless Casters

- TPU tread swivel and swivel/brake models: Swivel raceway has a grease fitting. The axle has sealed bearings that do not require additional lubrication.
- TPR tread swivel and swivel/brake models: swivel raceway and axles have grease fittings. Rigid caster model has an axle with a grease fitting.
- User should determine the frequency of maintenance based on their usage conditions.

Job _____



Stem Casters - MetroMax

We put space to work.®

- **Swivel and Swivel/Brake casters** rotate a full 360 degrees for easy maneuvering.
- **Brakes:** Wheel brakes are foot operated.
- **Bumpers:** Non Phthalate vinyl material is strong yet flexible to protect walls from damage. Each caster, except where noted, includes a 3-1/2" (89mm) diameter bumper. Optional 5" (127mm) diameter bumpers are available.
- **Weight Load Capacity** of a cart (evenly distributed): Caster Load Rating x 3.

Caster Wheel Material Guide

Caster Tread	Grease/Oil Resistance	Floor Protection	Load Rating	Key Advantage
Resilient Rubber	Low	High	200 lbs. (90kg)	Basic mobility.
High Modulus Rubber	High	High	250 lbs. (113kg)	Quieter than resilient rubber and polyurethane. Well suited for environments with constant exposure to moisture and/or high humidity.
Polyurethane	High	High	300 lbs. (135kg)	Easiest to move heavy loads.

Replacement Bumpers

Non Phthalate Vinyl

Height (in.)	Height (mm)	MetroMax Cat. No.
.84	22	M9992DBX



Rigid Caster Channels

- Typically used opposite two swivel style casters to create carts that are easy to steer over long distances.
- Note: A type 304 stainless rigid caster channel is included at no charge with each two rigid plated or SS casters. An aluminum rigid channel is included with each two polymer horn rigid casters (model 5PCR).

For shelf depth		Cat. No.	(For use with 5PCR)	
(in.)	(mm)		Cat. No.	Cat. No.
14"	355	14RS	P14RC	
18"	457	18RS	P18RC	
21"	530	21RS	P21RC	
24"	610	24RS	P24RC	



Rigid Caster Channel

Swivel Casters



24RS



P24RC

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The Spirit of Excellence

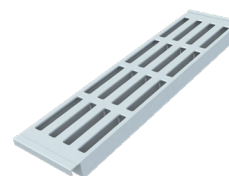
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MetroMax® 4 Polymer Shelving

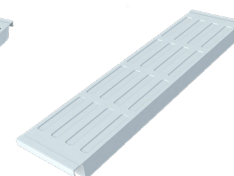


All-polymer corrosion-proof shelving with removable open grid or solid shelf mat sections. Shelves and polymer posts offer a lifetime warranty against rust and corrosion. Shelf mats have built-in Microban® antimicrobial product protection. Rigid four-sided shelf frame and robust corner with complete 360° capture of the wedge and post ensure stability, strength and structural integrity. Stationary units have maximum capacity of 2,000 lbs. (907kg) evenly distributed. Mobile units (with stem casters) offer a maximum total unit load of 750lbs. (340kg). Units assemble easily — shelves mount on four one-piece wedges along grooved, numbered posts. Shelves adjust on 1" (25mm) increments.

- **Rust & Corrosion-Proof:** All-polymer construction withstands moisture, chemicals, and harsh environments.
- **Lifetime:** Polymer shelves and posts offer a Lifetime Warranty against rust and corrosion.
- **Proven Stability:** Proven Metro corner design and rigid four-sided shelf frame deliver sturdy stationary, mobile, or high-density track shelving configurations.
- **Easy-to-Clean:** 6" (152mm) wide shelf mats easily remove from the shelf for cleaning by hand or in a commercial washer / dish machine.
- **Microban® Antimicrobial Product Protection** is built into the shelf mats 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".
- **Smooth, Protective Surfaces:** Smooth, flat surfaces protect packaged shelf contents from unwanted rips, tears, or damage.
- **Weight Load Capacities (Evenly Distributed)**
Shelf up to and including 48" (1220mm) length: 800 lbs. (363kg)
Shelf 54" (1372mm) or longer: 600 lbs. (272kg)
Stationary Unit: 2,000 lbs. (907kg)
Mobile Unit (with stem casters): up to 750 lbs. (340kg).
Multiply the caster load rating by 3 to determine actual rating [not to exceed 750 lbs.(340kg)].
- **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 seats into position over the posts and wedges. A unit can be assembled without tools in minutes.
- **Interchangeable:** Part of MetroMax platform, MetroMax 4 is compatible on the same shelving units with MetroMax i® and MetroMax Q® shelves.
- **Two shelf styles:** All MetroMax 4 shelf mats have a $\frac{3}{16}$ " (5mm) tall ship's edge built into each end to help contain supplies during mobile applications.
 - **Open Grid:** Promotes air flow and light penetration.
 - **Solid:** Built-in recesses help contain spills. Solid bottom shelf serves as a barrier to dirt and debris.
- **NSF Listed** for all environments.
- **Optional Accessories** are on spec sheet 9.25.



Open Grid Mat



Solid Mat



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MetroMax® 4 Polymer Shelving

Material Specifications:

- **Shelf Mats:** Polypropylene. Mats contain Microban® antimicrobial product protection.
- **Longitudinal Beams:** Pultrusions — continuous glass fibers and thermoset resin composite.
- **End Beams, Adjustable Foot and Socket, Shelf Wedge Connector:** Reinforced nylon.
- **Posts:** Pultrusions — continuous glass fibers and thermoset resin composite.
- **Post Cap:** High-density polyethylene.
- **Continuous Temperature Exposure Range** (with shelves under load): -20/120° F (-29/49° C).
For cleaning, the maximum intermittent temperature exposure is 212° F (100° C).



MetroMax 4 Shelves

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

Shelf with Grid Mats Model No.	Approx. Pkd. Wt.		Shelf with Solid Mats Model No.	Approx. Pkd. Wt.		Nominal Size				Actual Size			
	(lbs.)	(kg)		(lbs.)	(kg)	Width (mm)		Length (mm)		Width (mm)		Length (mm)	
MAX4-1824G	6.3	2.9	MAX4-1824F	6.5	3.0	18	457	24	610	18½	470	23 ¹⁵ / ₁₆	608
MAX4-1830G	7.4	3.4	MAX4-1830F	7.7	3.5	18	457	30	762	18½	470	29 ¹⁵ / ₁₆	760
MAX4-1836G	8.8	4.0	MAX4-1836F	9.2	4.2	18	457	36	914	18½	470	35 ¹⁵ / ₁₆	913
MAX4-1842G	9.6	4.3	MAX4-1842F	10.0	4.5	18	457	42	1067	18½	470	41 ¹⁵ / ₁₆	1065
MAX4-1848G	10.8	4.9	MAX4-1848F	11.3	5.1	18	457	48	1219	18½	470	47 ¹⁵ / ₁₆	1218
MAX4-1854G	11.7	5.3	MAX4-1854F	12.3	5.6	18	457	54	1372	18½	470	53 ¹⁵ / ₁₆	1370
MAX4-1860G	12.8	5.8	MAX4-1860F	13.5	6.1	18	457	60	1524	18½	470	59 ¹⁵ / ₁₆	1522
MAX4-2124G	6.9	3.1	MAX4-2124F	7.2	3.2	21	530	24	610	21½	546	23 ¹⁵ / ₁₆	608
MAX4-2130G	8.1	3.7	MAX4-2130F	8.5	3.8	21	530	30	762	21½	546	29 ¹⁵ / ₁₆	760
MAX4-2136G	9.6	4.4	MAX4-2136F	10.1	4.6	21	530	36	914	21½	546	35 ¹⁵ / ₁₆	913
MAX4-2142G	10.5	4.8	MAX4-2142F	11.0	5.0	21	530	42	1067	21½	546	41 ¹⁵ / ₁₆	1065
MAX4-2148G	11.9	5.4	MAX4-2148F	12.5	5.7	21	530	48	1219	21½	546	47 ¹⁵ / ₁₆	1218
MAX4-2154G	12.9	5.9	MAX4-2154F	13.6	6.2	21	530	54	1372	21½	546	53 ¹⁵ / ₁₆	1370
MAX4-2160G	14.2	6.4	MAX4-2160F	15.0	6.8	21	530	60	1524	21½	546	59 ¹⁵ / ₁₆	1522
MAX4-2424G	7.3	3.3	MAX4-2424F	7.8	3.5	24	610	24	610	24½	622	23 ¹⁵ / ₁₆	608
MAX4-2430G	8.8	4.0	MAX4-2430F	9.3	4.2	24	610	30	762	24½	622	29 ¹⁵ / ₁₆	760
MAX4-2436G	10.5	4.8	MAX4-2436F	11.9	5.0	24	610	36	914	24½	622	35 ¹⁵ / ₁₆	913
MAX4-2442G	11.8	5.4	MAX4-2442F	12.3	5.6	24	610	42	1067	24½	622	41 ¹⁵ / ₁₆	1065
MAX4-2448G	13.1	5.9	MAX4-2448F	13.9	6.3	24	610	48	1219	24½	622	47 ¹⁵ / ₁₆	1218
MAX4-2454G	14.3	6.5	MAX4-2454F	15.4	7.0	24	610	54	1372	24½	622	53 ¹⁵ / ₁₆	1370
MAX4-2460G	15.5	7.0	MAX4-2460F	17.0	7.7	24	610	60	1524	24½	622	59 ¹⁵ / ₁₆	1522

Note: Mobile Units taller than 54" (1372mm) require four shelves or more.



x4

Replacement MetroMax 4 Wedges
Cat. No. MAX4-9985
Bag of four wedges

Stationary Posts

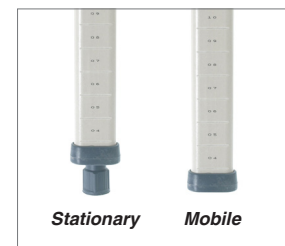
Model No.	Nominal Height		Actual Height*		Approx. Pkd. Wt.	
	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)
MX13P	13	370	14 ³ / ₁₆	360	0.5	0.2
MX27P	27	685	28 ³ / ₁₆	716	0.9	0.4
MX33P	33	875	34 ³ / ₁₆	868	1.0	0.5
MX54P	54	1370	54 ³ / ₁₆	1376	1.6	0.7
MX63P	63	1585	62 ³ / ₁₆	1580	1.8	0.8
MX74P	74	1890	74 ³ / ₁₆	1884	2.2	1.0
MX86P	86	2195	86 ³ / ₁₆	2189	3.0	1.4

*Actual Height with leveling foot completely tightened. Leveling foot can be adjusted up to 1" (25mm) to compensate for uneven floors.

Mobile Posts — for use with stem casters

Model No.	Nominal Height		Actual Height		Approx. Pkd. Wt.	
	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)
MX13UP	13	370	13 ³ / ₁₆	335	0.5	0.2
MX27UP	27	685	27 ³ / ₁₆	691	0.9	0.4
MX33UP	33	875	33 ³ / ₁₆	843	1.0	0.5
MX54UP	54	1370	53 ³ / ₁₆	1351	1.6	0.7
MX63UP	63	1585	61 ³ / ₁₆	1554	1.8	0.8
MX70UP	70	1778	69 ³ / ₁₆	1757	2.0	0.9
MX74UP	74	1890	73 ³ / ₁₆	1859	2.2	1.0
MX86UP	86	2195	85 ³ / ₁₆	2164	3.0	1.4

Consult spec sheet 9.25 for stem casters.



Stationary Mobile

Note: For special height cut posts, consult your Metro representative.

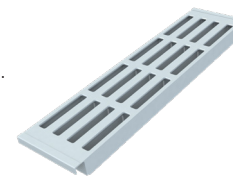
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MetroMax® 4 Polymer Shelving



All-polymer corrosion-proof shelving with removable open grid or solid shelf mat sections. Shelves and polymer posts offer a lifetime warranty against rust and corrosion. Shelf mats have built-in Microban® antimicrobial product protection. Rigid four-sided shelf frame and robust corner with complete 360° capture of the wedge and post ensure stability, strength and structural integrity. Stationary units have maximum capacity of 2,000 lbs. (907kg) evenly distributed. Mobile units (with stem casters) offer a maximum total unit load of 750lbs. (340kg). Units assemble easily — shelves mount on four one-piece wedges along grooved, numbered posts. Shelves adjust on 1" (25mm) increments.

- **Rust & Corrosion-Proof:** All-polymer construction withstands moisture, chemicals, and harsh environments.
- **Lifetime:** Polymer shelves and posts offer a Lifetime Warranty against rust and corrosion.
- **Proven Stability:** Proven Metro corner design and rigid four-sided shelf frame deliver sturdy stationary, mobile, or high-density track shelving configurations.
- **Easy-to-Clean:** 6" (152mm) wide shelf mats easily remove from the shelf for cleaning by hand or in a commercial washer / dish machine.
- **Microban® Antimicrobial Product Protection** is built into the shelf mats 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".
- **Smooth, Protective Surfaces:** Smooth, flat surfaces protect packaged shelf contents from unwanted rips, tears, or damage.
- **Weight Load Capacities (Evenly Distributed)**
Shelf up to and including 48" (1220mm) length: 800 lbs. (363kg)
Shelf 54" (1372mm) or longer: 600 lbs. (272kg)
Stationary Unit: 2,000 lbs. (907kg)
Mobile Unit (with stem casters): up to 750 lbs. (340kg).
Multiply the caster load rating by 3 to determine actual rating [not to exceed 750 lbs.(340kg)].
- **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 seats into position over the posts and wedges. A unit can be assembled without tools in minutes.
- **Interchangeable:** Part of MetroMax platform, MetroMax 4 is compatible on the same shelving units with MetroMax i® and MetroMax Q® shelves.
- **Two shelf styles:** All MetroMax 4 shelf mats have a 3/16" (5mm) tall ship's edge built into each end to help contain supplies during mobile applications.
 - **Open Grid:** Promotes air flow and light penetration.
 - **Solid:** Built-in recesses help contain spills. Solid bottom shelf serves as a barrier to dirt and debris.
- **NSF Listed** for all environments.
- **Optional Accessories** are on spec sheet 9.25.



Open Grid Mat



Solid Mat



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Supports good
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processes



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

{9.22}

MetroMax® 4 Polymer Shelving

Material Specifications:

- **Shelf Mats:** Polypropylene. Mats contain Microban® antimicrobial product protection.
- **Longitudinal Beams:** Pultrusions — continuous glass fibers and thermoset resin composite.
- **End Beams, Adjustable Foot and Socket, Shelf Wedge Connector:** Reinforced nylon.
- **Posts:** Pultrusions — continuous glass fibers and thermoset resin composite.
- **Post Cap:** High-density polyethylene.
- **Continuous Temperature Exposure Range** (with shelves under load): -20/120° F (-29/49° C).
For cleaning, the maximum intermittent temperature exposure is 212° F (100° C).



MetroMax 4 Shelves

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

Shelf with Grid Mats Model No.	Approx. Pkd. Wt.		Shelf with Solid Mats Model No.	Approx. Pkd. Wt.		Nominal Size				Actual Size			
	(lbs.)	(kg)		(lbs.)	(kg)	Width (mm)		Length (mm)		Width (mm)		Length (mm)	
MAX4-1824G	6.3	2.9	MAX4-1824F	6.5	3.0	18	457	24	610	18½	470	23 ¹⁵ / ₁₆	608
MAX4-1830G	7.4	3.4	MAX4-1830F	7.7	3.5	18	457	30	762	18½	470	29 ¹⁵ / ₁₆	760
MAX4-1836G	8.8	4.0	MAX4-1836F	9.2	4.2	18	457	36	914	18½	470	35 ¹⁵ / ₁₆	913
MAX4-1842G	9.6	4.3	MAX4-1842F	10.0	4.5	18	457	42	1067	18½	470	41 ¹⁵ / ₁₆	1065
MAX4-1848G	10.8	4.9	MAX4-1848F	11.3	5.1	18	457	48	1219	18½	470	47 ¹⁵ / ₁₆	1218
MAX4-1854G	11.7	5.3	MAX4-1854F	12.3	5.6	18	457	54	1372	18½	470	53 ¹⁵ / ₁₆	1370
MAX4-1860G	12.8	5.8	MAX4-1860F	13.5	6.1	18	457	60	1524	18½	470	59 ¹⁵ / ₁₆	1522
MAX4-2124G	6.9	3.1	MAX4-2124F	7.2	3.2	21	530	24	610	21½	546	23 ¹⁵ / ₁₆	608
MAX4-2130G	8.1	3.7	MAX4-2130F	8.5	3.8	21	530	30	762	21½	546	29 ¹⁵ / ₁₆	760
MAX4-2136G	9.6	4.4	MAX4-2136F	10.1	4.6	21	530	36	914	21½	546	35 ¹⁵ / ₁₆	913
MAX4-2142G	10.5	4.8	MAX4-2142F	11.0	5.0	21	530	42	1067	21½	546	41 ¹⁵ / ₁₆	1065
MAX4-2148G	11.9	5.4	MAX4-2148F	12.5	5.7	21	530	48	1219	21½	546	47 ¹⁵ / ₁₆	1218
MAX4-2154G	12.9	5.9	MAX4-2154F	13.6	6.2	21	530	54	1372	21½	546	53 ¹⁵ / ₁₆	1370
MAX4-2160G	14.2	6.4	MAX4-2160F	15.0	6.8	21	530	60	1524	21½	546	59 ¹⁵ / ₁₆	1522
MAX4-2424G	7.3	3.3	MAX4-2424F	7.8	3.5	24	610	24	610	24½	622	23 ¹⁵ / ₁₆	608
MAX4-2430G	8.8	4.0	MAX4-2430F	9.3	4.2	24	610	30	762	24½	622	29 ¹⁵ / ₁₆	760
MAX4-2436G	10.5	4.8	MAX4-2436F	11.9	5.0	24	610	36	914	24½	622	35 ¹⁵ / ₁₆	913
MAX4-2442G	11.8	5.4	MAX4-2442F	12.3	5.6	24	610	42	1067	24½	622	41 ¹⁵ / ₁₆	1065
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MAX4-2454G	14.3	6.5	MAX4-2454F	15.4	7.0	24	610	54	1372	24½	622	53 ¹⁵ / ₁₆	1370
MAX4-2460G	15.5	7.0	MAX4-2460F	17.0	7.7	24	610	60	1524	24½	622	59 ¹⁵ / ₁₆	1522

Note: Mobile Units taller than 54" (1372mm) require four shelves or more.



x4

Replacement MetroMax 4 Wedges
Cat. No. MAX4-9985
Bag of four wedges

Stationary Posts

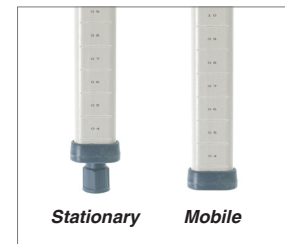
Model No.	Nominal Height		Actual Height*		Approx. Pkd. Wt.	
	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)
MX13P	13	370	14 ³ / ₁₆	360	0.5	0.2
MX27P	27	685	28 ³ / ₁₆	716	0.9	0.4
MX33P	33	875	34 ³ / ₁₆	868	1.0	0.5
MX54P	54	1370	54 ³ / ₁₆	1376	1.6	0.7
MX63P	63	1585	62 ³ / ₁₆	1580	1.8	0.8
MX74P	74	1890	74 ³ / ₁₆	1884	2.2	1.0
MX86P	86	2195	86 ³ / ₁₆	2189	3.0	1.4

*Actual Height with leveling foot completely tightened. Leveling foot can be adjusted up to 1" (25mm) to compensate for uneven floors.

Mobile Posts — for use with stem casters

Model No.	Nominal Height		Actual Height		Approx. Pkd. Wt.	
	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)
MX13UP	13	370	13 ³ / ₁₆	335	0.5	0.2
MX27UP	27	685	27 ³ / ₁₆	691	0.9	0.4
MX33UP	33	875	33 ³ / ₁₆	843	1.0	0.5
MX54UP	54	1370	53 ³ / ₁₆	1351	1.6	0.7
MX63UP	63	1585	61 ³ / ₁₆	1554	1.8	0.8
MX70UP	70	1778	69 ³ / ₁₆	1757	2.0	0.9
MX74UP	74	1890	73 ³ / ₁₆	1859	2.2	1.0
MX86UP	86	2195	85 ³ / ₁₆	2164	3.0	1.4

Consult spec sheet 9.25 for stem casters.



Stationary Mobile

Note: For special height cut posts, consult your Metro representative.

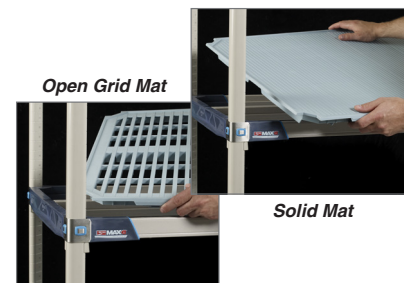
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MetroMax® i Polymer Shelving



All polymer corrosion-proof shelving constructed of advanced polymers and Type 304 stainless corners. Open grid or solid shelf mats easily lift off the shelf frames. Shelves and polymer posts offer a lifetime warranty against rust and corrosion. Shelf mats have built-in Microban® antimicrobial product protection. Shelf has a rigid four-sided frame with center truss. 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 numbered, grooved posts and adjust on 1" (25mm) increments.

- **Rust & Corrosion-Proof:** All-polymer and Type 304 stainless design withstands moisture, chemicals, and harsh environments.
- **Forever Guarantee:** Lifetime warranty against rust and corrosion.
- **Maximum Strength:** Proven corner connection and rigid four-sided frame with center truss assure stability and strength in stationary, mobile, and high-density track shelving configurations.
1000 lbs. (454kg) per shelf for lengths of 24" to 48" (610 to 1219mm)
750 lbs. (340kg) 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.
- **Easiest to Clean:** Smooth surfaces easily wipe clean. 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 to help fight the growth of stain and odor-causing bacteria, fungi, mold, and mildew to keep product cleaner between cleanings.
- **Smooth, Protective Surfaces:** Smooth, flat surfaces protect packaged shelf contents from unwanted rips, tears, or damage.
- **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 seats into position over the posts and wedges. A unit can be assembled without tools in minutes.
- **Interchangeable:** Part of the MetroMax platform, corrosion proof MetroMax i shelves are compatible on the same shelving units with MetroMax Q and MetroMax 4 shelves.
- **Robust Open Grid and Solid Mat Options:** Shelf mats are sturdy and safely support concentrated loads from instrumentation and equipment. Built-in ship's edge helps contain supplies in mobile applications.
Open grid mats are sectioned and promote air circulation and light penetration.
One-piece solid mats offer maximum spill retention and are ideal to protect items on the bottom shelf from dirt or backsplashes from cleaning floors.
Note: 72" L (1829mm) solid shelf has two mat sections.
- **NSF Listed** for all environments.
- **Maximum Versatility:** complete line of accessories are found on spec sheet 9.25.



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Supports good
HACCP
processes



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

{9.20}

MetroMax[®] i Polymer Shelving



Material Specifications:

- **Shelf Mats:** Polypropylene with built-in Microban antimicrobial product protection.
- **Longitudinal Beams:** Pultrusions — continuous glass fibers and thermoset resin composite.
- **End Beams, Adjustable Foot and Socket, Shelf Wedge Connector:** Reinforced nylon.
- **Fasteners:** Type 304 stainless steel screws.
- **Posts:** Pultrusions — continuous glass fibers and thermoset resin composite.
- **Post Cap and Center Beam Cap:** High-density polyethylene.
- **“S” Hook Tab Hole Plug:** Vinyl.
- **Collar and “S” Hook:** Type 304 stainless steel.
- **Continuous Temperature:** MetroMax i[®] can be used continuously within a range of -20/120° F (-29/49° C) with intermittent exposure to 212° F (100° C) for cleaning.



**Replacement
MetroMax i Wedges**
Cat. No. **MX9985**
Bag of 4 wedges

Standard Shelves

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

Shelf with Grid Mats Model No.	Approx. Pkd. Wt.		Shelf with Solid Mat Model No.	Approx. Pkd. Wt.		Nominal Size		Actual Size					
	(lbs.)	(kg)		(lbs.)	(kg)	Width (in.)	Length (mm)	Width (in.)	Length (mm)	Width (mm)	Length (mm)		
MX1824G	8.7	4.0	MX1824F	12.7	5.8	18	457	24	610	18 ¹ / ₄	464	23 ¹¹ / ₁₆	602
MX1830G	10.5	4.7	MX1830F	14.5	6.6	18	457	30	762	18 ¹ / ₄	464	29 ¹ / ₁₆	754
MX1836G	12.2	5.5	MX1836F	17.2	7.8	18	457	36	914	18 ¹ / ₄	464	35 ¹¹ / ₁₆	907
MX1842G	13.9	6.3	MX1842F	20.1	9.1	18	457	42	1067	18 ¹ / ₄	464	41 ¹¹ / ₁₆	1059
MX1848G	15.7	7.1	MX1848F	23.1	10.5	18	457	48	1219	18 ¹ / ₄	464	47 ¹¹ / ₁₆	1211
MX1854G	17.5	7.9	MX1854F	21.5	9.7	18	457	54	1372	18 ¹ / ₄	464	53 ¹¹ / ₁₆	1364
MX1860G	19.2	8.7	MX1860F	23.2	10.5	18	457	60	1524	18 ¹ / ₄	464	59 ¹¹ / ₁₆	1516
MX1872G	22.5	10.2	MX1872F	27.5	12.5	18	457	72	1829	18 ¹ / ₄	464	71 ¹¹ / ₁₆	1821
MX2424G	12.2	5.5	MX2424F	14.2	6.4	24	610	24	610	24 ¹ / ₄	616	23 ¹¹ / ₁₆	602
MX2430G	13.9	6.3	MX2430F	15.9	7.2	24	610	30	762	24 ¹ / ₄	616	29 ¹ / ₁₆	754
MX2436G	15.6	7.1	MX2436F	19.6	8.9	24	610	36	914	24 ¹ / ₄	616	35 ¹¹ / ₁₆	907
MX2442G	17.5	7.9	MX2442F	21.5	9.8	24	610	42	1067	24 ¹ / ₄	616	41 ¹¹ / ₁₆	1059
MX2448G	19.3	8.7	MX2448F	25.3	11.5	24	610	48	1219	24 ¹ / ₄	616	47 ¹¹ / ₁₆	1211
MX2454G	21.0	9.5	MX2454F	25.0	11.3	24	610	54	1372	24 ¹ / ₄	616	53 ¹¹ / ₁₆	1364
MX2460G	22.8	10.3	MX2460F	26.8	12.1	24	610	60	1524	24 ¹ / ₄	616	59 ¹¹ / ₁₆	1516
MX2472G	26.0	11.8	MX2472F	31.0	14.1	24	610	72	1829	24 ¹ / ₄	616	71 ¹¹ / ₁₆	1821

Heavy-Duty Dunnage Shelves

- Weight capacity per shelf evenly distributed: 1,200 lbs. (544kg) on shelves up to and including 48" (1220mm) long; 900 lbs. (408kg) for shelves 54" (1370mm) and longer.
- Dunnage shelves are recommended for use on units with four posts, not as part of an add-on unit with two posts.

Shelf with Grid Mat Model No.	Nominal Size		Approx. Pkd. Wt. (lbs.) (kg)
	Width (in.) (mm)	Length (in.) (mm)	
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

Stationary Posts

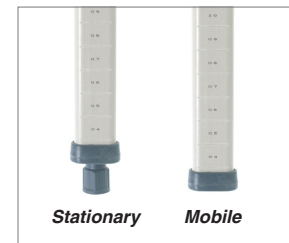
Model No.	Nominal Height		Actual Height*		Approx. Pkd. Wt.	
	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)
MX13P	13	370	14 ³ / ₁₆	360	0.5	0.2
MX27P	27	685	28 ³ / ₁₆	716	0.9	0.4
MX33P	33	875	34 ³ / ₁₆	868	1.0	0.5
MX54P	54	1370	54 ³ / ₁₆	1376	1.6	0.7
MX63P	63	1585	62 ³ / ₁₆	1580	1.8	0.8
MX74P	74	1890	74 ³ / ₁₆	1884	2.2	1.0
MX86P	86	2195	86 ³ / ₁₆	2189	3.0	1.4

*Actual Height with leveling foot completely tightened. Leveling foot can be adjusted up to 1" (25mm) to compensate for uneven floors.

Mobile Posts — for use with stem casters

Model No.	Nominal Height		Actual Height		Approx. Pkd. Wt.	
	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)
MX9UP	9	228	9 ³ / ₁₆	233	0.3	0.15
MX13UP	13	370	13 ³ / ₁₆	335	0.5	0.2
MX27UP	27	685	27 ³ / ₁₆	691	0.9	0.4
MX33UP	33	875	33 ³ / ₁₆	843	1.0	0.5
MX54UP	54	1370	53 ³ / ₁₆	1351	1.6	0.7
MX63UP	63	1585	61 ³ / ₁₆	1554	1.8	0.8
MX70UP	70	1778	69 ³ / ₁₆	1757	2.0	0.9
MX74UP	74	1890	73 ³ / ₁₆	1859	2.2	1.0
MX86UP	86	2195	85 ³ / ₁₆	2164	3.0	1.4

Consult spec sheet 9.25 for stem casters.



Note: For special height cut posts, consult your Metro representative.



Item # _____

We put space to work.

Job _____

Metro® Stem Casters - MetroMax®

Metro Stem-Type Casters are designed to fit MetroMax posts to form shelf carts and other mobile units. Bumpers are included.

Plated Casters with High Modulus treads

- Non marking high modulus donut tread and polyolefin hub. Plated horns, stems, axles, and brakes (optional) are appropriate for dry environments and for medium duty applications. Ball bearing swivel and axle. NSF listed. Bumpers included. Brake style: pedal brake.
- TPR tread (70 shore): Quieter than polyurethane and resilient rubber caster options.

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg.)	Type	Wheel Tread	Temperature range (Continuous usage)		Apprx. Pkd. Wt.		MetroMax Cat. No.		
					(Fahrenheit)	(Celsius)	(lbs.)	(kg.)			
5	1.25	32	250	113	Stem/Swivel	High Modulus Donut	-20° - 180°	-29° - 82°	2.2	1.0	5MDXA
5	1.25	32	250	113	Stem/Brake	High Modulus Donut	-20° - 180°	-29° - 82°	2.4	1.1	5MDBXA
5	1.25	32	250	113	Stem/Rigid	High Modulus Donut	-20° - 180°	-29° - 82°	2.2	1.0	5MDXRA

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



For all rigid casters.

Rigid stem casters improve tracking and handling of mobile units over long distances. Rigid caster channels are selected at the time of order.

How to Order:

Order (2) Rigid Casters
Select Rigid Channel based on the depth of the shelving. (Provided at no charge)

Bumpers are included with each caster.



Plated Casters with Polyurethane Tread

- Chrome plated horns, stems, axles, and brakes (optional) are appropriate for dry environments and for medium duty applications. Non marking polyurethane flat tread and polyethylene hub. Ball bearing swivel and axle. NSF listed. Bumpers included. Brake style: side brake.

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg.)	Type	Wheel Tread	Temperature range (Continuous usage)		Apprx. Pkd. Wt.		Cat. No.		
					(Fahrenheit)	(Celsius)	(lbs.)	(kg.)			
5	1.25	32	300	135	Stem/Swivel	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.5	1.1	5MPX
5	1.25	32	300	135	Stem/Brake	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.7	1.2	5MPBX
5	1.25	32	300	135	Stem/Rigid	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.4	1.1	5MPRX

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



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Stem Casters - MetroMax

Plated Casters with resilient rubber treads

- Solid resilient rubber material. Plated horns, stems, axles, and brakes (optional) are appropriate for dry environments and for medium duty applications. Ball bearing swivel. NSF listed. Bumpers included. Brake style: side brake.

Wheel Diameter		Face		Load Rating		Type	Wheel Tread	Temperature range (Continuous usage)		Apprx. Pkd. Wt.		Cat. No.
(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg.)			(Fahrenheit)	(Celsius)	(lbs.)	(kg.)	
5	127	1-1/4	32	200	90	Stem/Swivel	Resilient, Flat	-20° - 160°	-29° - 71°	2.9	1.3	5MX
5	127	1-1/4	32	200	90	Stem/Brake	Resilient, Flat	-20° - 160°	-29° - 71°	3.1	1.4	5MBX
5	127	1-1/4	32	200	90	Stem/Rigid	Resilient, Flat	-20° - 160°	-29° - 71°	2.9	1.3	5MRX

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.

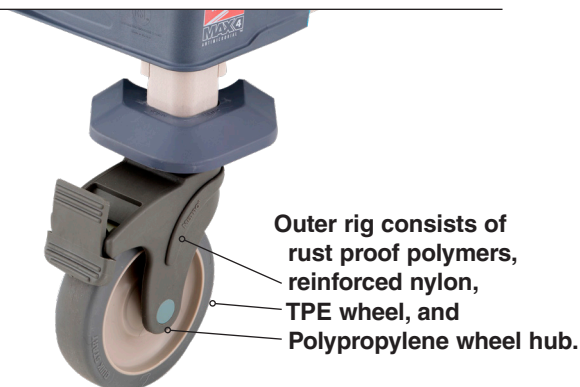




Stem Casters - MetroMax

Polymer & Stainless Total-Guard Caster

- High rust protection: Reinforced nylon rig with Stainless Steel stem and hardware.
- Maintenance Free: Sealed swivel SS ball bearings and Delrin axle bearings.
- Swivel and Total Lock Brake options.
- Pedal brake locks the wheel and the swivel motion. More control than conventional stem casters with wheel brakes only.
- Non-marking Thermoplastic Elastomer [TPE] tread (70 shore) is quieter and more shock absorbent than a TPU tread.



Wheel Diameter		Face		Load Rating		Type	Wheel Tread	Temperature range (continuous)		Apprx. Pkd. Wt.		Model No.
(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)			(Fahrenheit)	(Celsius)	(lbs.)	(kg)	
5	127	1.25	32	250	113	Stem/Swivel	TPE, Flat	-20° - 120°	-29° - 49°	1.8	0.8	5PSTEX
5	127	1.25	32	250	113	Stem/Brake	TPE, Flat	-20° - 120°	-29° - 49°	2.0	0.9	5PSTEBX

Best uses...

- Best suited for use with MetroMax and Metroseal shelving
- Best tread for high humidity controlled environments
- Excellent Corrosion Resistance
- Excellent Chemical Resistance
- Best option for aquatic facilities (environments with high salt exposure)
- Low magnetism: Best option for MRI and RFID applications
- A good option for cart wash chamber cleaning processes.

Where not to use...

- Tread not suited for exposure to acids or petroleum based chemicals.



5PSTEX
Swivel

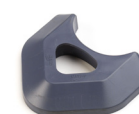


5PSTEBX
Total Lock

Standard Polymer Casters

- Basic corrosion protection: Reinforced nylon rig with chromate plated stem and swivel raceway
- Maintenance Free: Sealed swivel ball bearings and Delrin axle bearings
- Swivel, Total-Lock Brake, and Rigid options
- Pedal brake locks the wheel AND swivel motion
- Non-marking polyurethane (TPU) tread
- Optional Models with built-in antimicrobial TPU tread

Bumpers are included with each caster.



Wheel Diameter		Face		Load Rating		Type	Wheel Tread	Temperature range (continuous)		Apprx. Pkd. Wt.		MetroMax Model No.
(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)			(Fahrenheit)	(Celsius)	(lbs.)	(kg)	
5	127	1.25	32	300	135	Stem/Swivel	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.1	1.0	5PCX
5	127	1.25	32	300	135	Stem/Brake	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.3	1.0	5PCBX
5	127	1.25	32	300	135	Stem/Rigid	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.1	1.0	5PCRX
5	127	1.25	32	300	135	Stem/Swivel	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.0	0.9	5PCXM
5	127	1.25	32	300	135	Stem/Brake	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.2	1.0	5PCBXM

Tread with built-in antimicrobial.

Note: Rigid connecting channel (aluminum): Cat. No. P14RC, P18RC, P21RC, P24RC.

Best uses...

- Basic Corrosion Protection versus common industrial casters
- Good Chemical Resistance

Where not to use...

- Not suited for areas with spray sterilization processes on regular basis
- Not suited for high humidity controlled environments
- Not suited for high temperature cart wash chambers



5PCX
Swivel



5PCBX
Swivel & Brake



5PCXM
Antimicrobial
Tread Swivel



5PCBXM
Antimicrobial
Tread Swivel
Brake

Job _____



Stem Casters - MetroMax

We put space to work.

Premium Type 304 Stainless Steel Casters

- Type 304 Stainless Steel Rig, Hardware and SS bearings.
- Non-marking Treads
- Swivel, Brake, and Rigid Options
- Pedal brake locks the wheel

Bumpers are included with each caster.



Polyurethane (TPU) Tread Models

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg)		Type	Wheel Tread	Temperature range (continuous) (Fahrenheit) (Celsius)		Apprx. Pkd. Wt. (lbs.) (kg)		MetroMax Model No.		
5	127	1.25	32	300	135	Stem/Swivel	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.3	1.0	5MPXGSA
5	127	1.25	32	300	135	Stem/Brake	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.5	1.1	5MPBXGSA
5	127	1.25	32	300	135	Stem/Rigid	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.3	1.0	5MPRXGSA

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



5MPXGSA



5MPBXGSA



5MPRXGSA

Best uses...

- Best suited for high temperature cart wash chambers up to 180F (82C) when paired with Stainless Steel Shelving.
- Moving heavy loads regularly (90 shore TPU tread)
- High impact mobile uses (elevators, thresholds, ramps)
- Excellent Corrosion Resistance
- Excellent Chemical Resistance

Thermoplastic Rubber (TPR) Tread Models

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg)		Type	Wheel Tread	Temperature range (continuous) (Fahrenheit) (Celsius)		Apprx. Pkd. Wt. (lbs.) (kg)		MetroMax Model No.		
5	127	1.25	32	250	113	Stem/Swivel	TPR donut	-20° - 180°	-29° - 82°	2.4	1.1	5MDGSXA
5	127	1.25	32	250	113	Stem/Brake	TPR donut	-20° - 180°	-29° - 82°	2.6	1.2	5MDBGSXA
5	127	1.25	32	250	113	Stem/Rigid	TPR donut	-20° - 180°	-29° - 82°	2.4	1.1	5MDRGSXA

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



5MDGSXA



5MDBGSXA



5MDRGSXA

Best uses...

- Best tread for high humidity controlled environments
- Excellent Corrosion Resistance
- Excellent Chemical Resistance
- Softer TPR donut tread (70 shore) is more shock absorbent than TPU

Where not to use...

- Tread not suited for exposure to acids or petroleum based chemicals.

Maintenance - Stainless Casters

- TPU tread swivel and swivel/brake models: Swivel raceway has a grease fitting. The axle has sealed bearings that do not require additional lubrication.
- TPR tread swivel and swivel/brake models: swivel raceway and axles have grease fittings. Rigid caster model has an axle with a grease fitting.
- User should determine the frequency of maintenance based on their usage conditions.

Job _____



Stem Casters - MetroMax

We put space to work.®

- **Swivel and Swivel/Brake casters** rotate a full 360 degrees for easy maneuvering.
- **Brakes:** Wheel brakes are foot operated.
- **Bumpers:** Non Phthalate vinyl material is strong yet flexible to protect walls from damage. Each caster, except where noted, includes a 3-1/2" (89mm) diameter bumper. Optional 5" (127mm) diameter bumpers are available.
- **Weight Load Capacity** of a cart (evenly distributed): Caster Load Rating x 3.

Caster Wheel Material Guide

Caster Tread	Grease/Oil Resistance	Floor Protection	Load Rating	Key Advantage
Resilient Rubber	Low	High	200 lbs. (90kg)	Basic mobility.
High Modulus Rubber	High	High	250 lbs. (113kg)	Quieter than resilient rubber and polyurethane. Well suited for environments with constant exposure to moisture and/or high humidity.
Polyurethane	High	High	300 lbs. (135kg)	Easiest to move heavy loads.

Replacement Bumpers

Non Phthalate Vinyl

Height (in.)	Height (mm)	MetroMax Cat. No.
.84	22	M9992DBX



Rigid Caster Channels

- Typically used opposite two swivel style casters to create carts that are easy to steer over long distances.

Note: A type 304 stainless rigid caster channel is included at no charge with each two rigid plated or SS casters. An aluminum rigid channel is included with each two polymer horn rigid casters (model 5PCX).

For shelf depth		Cat. No.	(For use with 5PCX)	
(in.)	(mm)		Cat. No.	Cat. No.
14"	355	14RS	P14RC	
18"	457	18RS	P18RC	
21"	530	21RS	P21RC	
24"	610	24RS	P24RC	



Rigid Caster Channel

Swivel Casters



24RS



P24RC

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The Spirit of Excellence



Item # _____

We put space to work.

Job _____

Metro® Stem Casters - MetroMax®

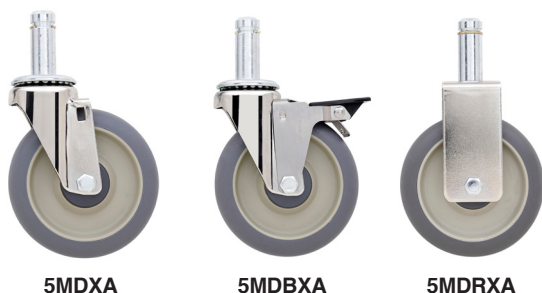
Metro Stem-Type Casters are designed to fit MetroMax posts to form shelf carts and other mobile units. Bumpers are included.

Plated Casters with High Modulus treads

- Non marking high modulus donut tread and polyolefin hub. Plated horns, stems, axles, and brakes (optional) are appropriate for dry environments and for medium duty applications. Ball bearing swivel and axle. NSF listed. Bumpers included. Brake style: pedal brake.
- TPR tread (70 shore): Quieter than polyurethane and resilient rubber caster options.

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg.)	Type	Wheel Tread	Temperature range (Continuous usage)		Apprx. Pkd. Wt.		MetroMax Cat. No.		
					(Fahrenheit)	(Celsius)	(lbs.)	(kg.)			
5	1.25	32	250	113	Stem/Swivel	High Modulus Donut	-20° - 180°	-29° - 82°	2.2	1.0	5MDXA
5	1.25	32	250	113	Stem/Brake	High Modulus Donut	-20° - 180°	-29° - 82°	2.4	1.1	5MDBXA
5	1.25	32	250	113	Stem/Rigid	High Modulus Donut	-20° - 180°	-29° - 82°	2.2	1.0	5MDXRA

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



For all rigid casters.

Rigid stem casters improve tracking and handling of mobile units over long distances. Rigid caster channels are selected at the time of order.

How to Order:

Order (2) Rigid Casters
Select Rigid Channel based on the depth of the shelving. (Provided at no charge)

Bumpers are included with each caster.



Plated Casters with Polyurethane Tread

- Chrome plated horns, stems, axles, and brakes (optional) are appropriate for dry environments and for medium duty applications. Non marking polyurethane flat tread and polyethylene hub. Ball bearing swivel and axle. NSF listed. Bumpers included. Brake style: side brake.

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg.)	Type	Wheel Tread	Temperature range (Continuous usage)		Apprx. Pkd. Wt.		Cat. No.		
					(Fahrenheit)	(Celsius)	(lbs.)	(kg.)			
5	1.25	32	300	135	Stem/Swivel	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.5	1.1	5MPX
5	1.25	32	300	135	Stem/Brake	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.7	1.2	5MPBX
5	1.25	32	300	135	Stem/Rigid	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.4	1.1	5MPRX

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



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Stem Casters - MetroMax

Plated Casters with resilient rubber treads

- Solid resilient rubber material. Plated horns, stems, axles, and brakes (optional) are appropriate for dry environments and for medium duty applications. Ball bearing swivel. NSF listed. Bumpers included. Brake style: side brake.

Wheel Diameter		Face		Load Rating		Type	Wheel Tread	Temperature range (Continuous usage)		Apprx. Pkd. Wt.		Cat. No.
(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg.)			(Fahrenheit)	(Celsius)	(lbs.)	(kg.)	
5	127	1-1/4	32	200	90	Stem/Swivel	Resilient, Flat	-20° - 160°	-29° - 71°	2.9	1.3	5MX
5	127	1-1/4	32	200	90	Stem/Brake	Resilient, Flat	-20° - 160°	-29° - 71°	3.1	1.4	5MBX
5	127	1-1/4	32	200	90	Stem/Rigid	Resilient, Flat	-20° - 160°	-29° - 71°	2.9	1.3	5MRX

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



5MX

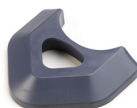


5MBX



5MRX

**Bumpers are included
with each caster.**

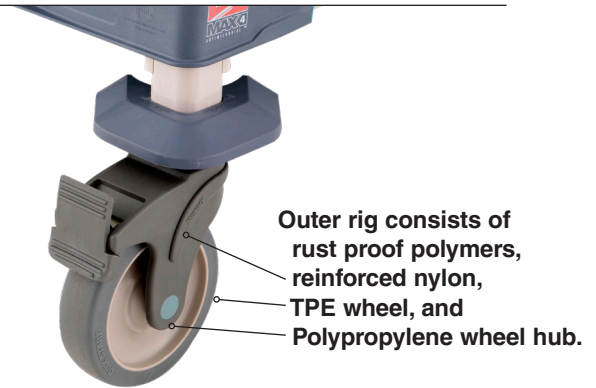




Stem Casters - MetroMax

Polymer & Stainless Total-Guard Caster

- High rust protection: Reinforced nylon rig with Stainless Steel stem and hardware.
- Maintenance Free: Sealed swivel SS ball bearings and Delrin axle bearings.
- Swivel and Total Lock Brake options.
- Pedal brake locks the wheel and the swivel motion. More control than conventional stem casters with wheel brakes only.
- Non-marking Thermoplastic Elastomer [TPE] tread (70 shore) is quieter and more shock absorbent than a TPU tread.



Wheel Diameter		Face		Load Rating		Type	Wheel Tread	Temperature range (continuous)		Apprx. Pkd. Wt.		Model No.
(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)			(Fahrenheit)	(Celsius)	(lbs.)	(kg)	
5	127	1.25	32	250	113	Stem/Swivel	TPE, Flat	-20° - 120°	-29° - 49°	1.8	0.8	5PSTEX
5	127	1.25	32	250	113	Stem/Brake	TPE, Flat	-20° - 120°	-29° - 49°	2.0	0.9	5PSTEBX

Best uses...

- Best suited for use with MetroMax and Metroseal shelving
- Best tread for high humidity controlled environments
- Excellent Corrosion Resistance
- Excellent Chemical Resistance
- Best option for aquatic facilities (environments with high salt exposure)
- Low magnetism: Best option for MRI and RFID applications
- A good option for cart wash chamber cleaning processes.

Where not to use...

- Tread not suited for exposure to acids or petroleum based chemicals.



5PSTEX
Swivel



5PSTEBX
Total Lock

Standard Polymer Casters

- Basic corrosion protection: Reinforced nylon rig with chromate plated stem and swivel raceway
- Maintenance Free: Sealed swivel ball bearings and Delrin axle bearings
- Swivel, Total-Lock Brake, and Rigid options
- Pedal brake locks the wheel AND swivel motion
- Non-marking polyurethane (TPU) tread
- Optional Models with built-in antimicrobial TPU tread

Bumpers are included with each caster.



Wheel Diameter		Face		Load Rating		Type	Wheel Tread	Temperature range (continuous)		Apprx. Pkd. Wt.		MetroMax Model No.
(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)			(Fahrenheit)	(Celsius)	(lbs.)	(kg)	
5	127	1.25	32	300	135	Stem/Swivel	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.1	1.0	5PCX
5	127	1.25	32	300	135	Stem/Brake	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.3	1.0	5PCBX
5	127	1.25	32	300	135	Stem/Rigid	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.1	1.0	5PCRX
5	127	1.25	32	300	135	Stem/Swivel	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.0	0.9	5PCXM
5	127	1.25	32	300	135	Stem/Brake	Polyurethane, Flat	-20° - 120°	-49° - 49°	2.2	1.0	5PCBXM

Tread with built-in antimicrobial.

Note: Rigid connecting channel (aluminum): Cat. No. P14RC, P18RC, P21RC, P24RC.

Best uses...

- Basic Corrosion Protection versus common industrial casters
- Good Chemical Resistance

Where not to use...

- Not suited for areas with spray sterilization processes on regular basis
- Not suited for high humidity controlled environments
- Not suited for high temperature cart wash chambers



5PCX
Swivel



5PCBX
Swivel & Brake



5PCXM
Antimicrobial
Tread Swivel



5PCBXM
Antimicrobial
Tread Swivel
Brake

Job _____



Stem Casters - MetroMax

We put space to work.

Premium Type 304 Stainless Steel Casters

- Type 304 Stainless Steel Rig, Hardware and SS bearings.
- Non-marking Treads
- Swivel, Brake, and Rigid Options
- Pedal brake locks the wheel

Bumpers are included with each caster.



Polyurethane (TPU) Tread Models

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg)		Type	Wheel Tread	Temperature range (continuous) (Fahrenheit) (Celsius)		Apprx. Pkd. Wt. (lbs.) (kg)		MetroMax Model No.		
5	127	1.25	32	300	135	Stem/Swivel	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.3	1.0	5MPXGSA
5	127	1.25	32	300	135	Stem/Brake	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.5	1.1	5MPBXGSA
5	127	1.25	32	300	135	Stem/Rigid	Polyurethane, Flat	-20° - 180°	-29° - 82°	2.3	1.0	5MPRXGSA

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



5MPXGSA



5MPBXGSA



5MPRXGSA

Best uses...

- Best suited for high temperature cart wash chambers up to 180F (82C) when paired with Stainless Steel Shelving.
- Moving heavy loads regularly (90 shore TPU tread)
- High impact mobile uses (elevators, thresholds, ramps)
- Excellent Corrosion Resistance
- Excellent Chemical Resistance

Thermoplastic Rubber (TPR) Tread Models

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg)		Type	Wheel Tread	Temperature range (continuous) (Fahrenheit) (Celsius)		Apprx. Pkd. Wt. (lbs.) (kg)		MetroMax Model No.		
5	127	1.25	32	250	113	Stem/Swivel	TPR donut	-20° - 180°	-29° - 82°	2.4	1.1	5MDGSXA
5	127	1.25	32	250	113	Stem/Brake	TPR donut	-20° - 180°	-29° - 82°	2.6	1.2	5MDBGSXA
5	127	1.25	32	250	113	Stem/Rigid	TPR donut	-20° - 180°	-29° - 82°	2.4	1.1	5MDRGSXA

Note: Rigid connecting channel (stainless steel): Cat. No. 14RS, 18RS, 21RS, 24RS.



5MDGSXA



5MDBGSXA



5MDRGSXA

Best uses...

- Best tread for high humidity controlled environments
- Excellent Corrosion Resistance
- Excellent Chemical Resistance
- Softer TPR donut tread (70 shore) is more shock absorbent than TPU

Where not to use...

- Tread not suited for exposure to acids or petroleum based chemicals.

Maintenance - Stainless Casters

- TPU tread swivel and swivel/brake models: Swivel raceway has a grease fitting. The axle has sealed bearings that do not require additional lubrication.
- TPR tread swivel and swivel/brake models: swivel raceway and axles have grease fittings. Rigid caster model has an axle with a grease fitting.
- User should determine the frequency of maintenance based on their usage conditions.

Job _____



Stem Casters - MetroMax

We put space to work.®

- **Swivel and Swivel/Brake casters** rotate a full 360 degrees for easy maneuvering.
- **Brakes:** Wheel brakes are foot operated.
- **Bumpers:** Non Phthalate vinyl material is strong yet flexible to protect walls from damage. Each caster, except where noted, includes a 3-1/2" (89mm) diameter bumper. Optional 5" (127mm) diameter bumpers are available.
- **Weight Load Capacity** of a cart (evenly distributed): Caster Load Rating x 3.

Caster Wheel Material Guide

Caster Tread	Grease/Oil Resistance	Floor Protection	Load Rating	Key Advantage
Resilient Rubber	Low	High	200 lbs. (90kg)	Basic mobility.
High Modulus Rubber	High	High	250 lbs. (113kg)	Quieter than resilient rubber and polyurethane. Well suited for environments with constant exposure to moisture and/or high humidity.
Polyurethane	High	High	300 lbs. (135kg)	Easiest to move heavy loads.

Replacement Bumpers

Non Phthalate Vinyl

Height (in.)	Height (mm)	MetroMax Cat. No.
.84	22	M9992DBX



Rigid Caster Channels

- Typically used opposite two swivel style casters to create carts that are easy to steer over long distances.
- Note: A type 304 stainless rigid caster channel is included at no charge with each two rigid plated or SS casters. An aluminum rigid channel is included with each two polymer horn rigid casters (model 5PCR).

For shelf depth		Cat. No.	(For use with 5PCR)	
(in.)	(mm)		Cat. No.	Cat. No.
14"	355	14RS	P14RC	
18"	457	18RS	P18RC	
21"	530	21RS	P21RC	
24"	610	24RS	P24RC	



Rigid Caster Channel

Swivel Casters



24RS



P24RC

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

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The Spirit of Excellence