

MB MASTER-BILT[®]

Refrigeration Solutions



*Celebrating
70 Years of Service*

2008 PRICE LIST

Walk-Ins & Step-Ins

With Refrigeration System Specifications

REVISION A

Effective August 2, 2008 to February 15, 2009



See the inside front cover for a list of energy saving features and options on Master-Bilt equipment

MB MASTER-BILT[®]

Refrigeration Solutions



Because energy savings is an ever-increasing concern, Master-Bilt strives to make our equipment as efficient as possible. That's why we initiated our Energy Saver program to help you quickly identify features that serve your efficiency needs. Below is a list of features and options included in the program. Visit www.master-bilt.com/products/energy_saver.htm for more information.

Feature	Energy-Saving Function	Where Used
Demand defrost	Initiates electric defrost heaters only as needed	As part of the optional Master Controller electronic control system on walk-ins
Electric expansion valve	Highly efficient valve eliminates need to maintain a high head pressure (head pressure control valve eliminated also) allowing a lower head pressure and condensing temperature. A compressor operating at a lower condensing temperature yields higher capacity with less energy input.	As an integrated part of the optional Master Controller system for walk-ins
Reverse cycle defrost	A reverse cycle valve reverses the flow of high temperature refrigerant through evaporator coil, heating along its entire length and eliminating frost buildup. Results in an 80% decrease in defrost energy usage as well as a major reduction in defrost time.	An option used in conjunction with the Master Controller on walk-ins
Electronic lighting	T8 lighting with electronic ballasts uses less electricity than electromagnetic ballasts. Electronic lamps and ballasts run cooler reducing heat buildup in the refrigerated space.	Numerous cabinets and glass door walk-in freezers
Greenheat™ ASM-115 anti-sweat module	Modulates glass door and frame heaters that evaporate condensation. Heaters are only energized as needed.	An option on glass door walk-in freezers
MBWA-1 digital alarm/light management system	Door open alarm prevents door from being left open. Optional light management system automatically turns off lights after a programmed interval.	An option on walk-in coolers and freezers
Permanent Split Capacitor (PSC) Fan Motors	Amount of torque and current required to start PSC motors is low, making them more efficient. PSC motors run cooler, reducing heat load to refrigerated space which makes the compressor run less.	Optional on single phase walk-in unit coolers and standard on condensing units
5" and 6" thick panels	Thickness of panels produces a higher R-factor and energy efficiency required by California Energy Code	An option on walk-in coolers and freezers
MRS & DRS multi-compressor remote refrigeration systems	Since these systems are remote, the heat produced by multiple condensing units is removed from the kitchen or sales space reducing the air conditioning load and energy bill	Walk-ins and cabinets with remote refrigeration systems

A Walk-In For Every Need

Take an additional **5% discount** off Quick Ship list prices when you buy refrigeration systems and panels as a package



Quick Ship Walk-Ins
With Matching M-Series Remote Refrigeration Systems

See page 3



PRS-2 Series Walk-Ins
With Packaged Refrigeration Systems

See page 23



Ready-Bilt Factory
Pre-Assembled Walk-ins

See page 31



Custom Designed
Walk-Ins

See page 33



**Our award-winning Master Controller
with Reverse Cycle Defrost can save you
up to 27% on your energy bills. See pages 62-64.**

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As we are continuously improving and enhancing our products to benefit our customers, we reserve the right to change pricing and specifications without notice.

QUICK SHIP WALK-INS

And Matching M-Series Refrigeration Systems

Ships
In **5** Business
Days



**Note on walk-ins
to be installed in
California:**

Walk-in freezers require 5" thick walls and are not eligible for quick ship program. Walk-in refrigeration systems for both coolers and freezers require ECM motors. Contact factory for special pricing on these items.

Available with choice of 26", 30" or 36" wide door
(specify width when ordering)

Quick Ship Walk-in Specifications

1. STOCK WALK-IN COOLERS OR FREEZERS

A. General

Walk-ins under this program shall be constructed of prefab, precision formed, modular panels designed for accurate, rapid field assembly and in compliance with the general construction as described in the *Master-Bilt Architectural Specifications and General Design Information* binder. Quick ship walk-ins are for indoor use only.

Walk-ins and remote refrigeration systems (see section 3) under this program shall be available for shipment within five (5) working days of received order.

B. Insulation

Insulation shall be 4" thick rigid urethane, pour-type, foamed-in-place.

C. Heights

The walk-in coolers, freezers or combinations shall consist of 7'6" and 8'6" heights for with-floor applications as well as with-floor/less-floor combinations. Less-floor applications shall consist of 7'2" and 8'2" heights. Freezers are available in with-floor models only.

D. Metal Finishes

Walk-in coolers or freezers under this program shall have 26 gauge stucco galvalume interior and exterior finish. Floor interiors shall be .080 textured aluminum. Floor panels shall be designed to support an evenly distributed load of 700 lbs. per sq. ft. loading (stationary load).

E. Ratings and Listings

Walk-ins under this program have been independently tested for:

- Structural Strength
- F.M. 4880 Class 1
- A.S.T.M. E-84-94, D-1929-91a, D-482-91, D1622-93
- U.L. and C-U.L. listed doors
- N.S.F. Listed
- N.Y.C. Approval #59-85
- City of Los Angeles RR 25169
- State of Oregon (consult factory)
- Toxicity Evaluated

Reports are available from factory upon request.

F. Entrance Door

Stock walk-ins shall be complete with one (1) each infitting (flush-mount) self-closing entrance door. Door height will be 78" with choice of 26", 30" or 36" width (specify when ordering).

Entrance door to include:

- Two (2) spring loaded cam-lift hinges
- Hydraulic door closure
- Deadbolt-locking handle with inside safety release
- Pre-wired vapor-proof light fixture
- Mounted dial thermometer
- Magnetic gaskets along the top and both sides
- An adjustable double vinyl wiper gasket along bottom

In addition, the door shall contain adjustable hinge backing plates for each hinge. These plates shall provide for in-field adjustment of door hinges without removal of the hinges or door from its frame.

On all walk-in freezers, the infitting door jamb shall be provided with a thermostatically-controlled warmer cable around the entire perimeter of the opening.

The door shall be available either left hinged or right hinged (specify when ordering).

These doors shall be mounted in a 46" wide door frame and shall be interchangeable with any 46" wide wall panel, thereby allowing placement to fit almost any job-site requirement.

NOTE: Freezer door frame must include one (1) each heated pressure relief port, factory mounted.

2. STOCK WALK-IN COOLERS WITH OPENINGS FOR ANTHONY® GLASS DOORS

Due to the variety of Anthony glass doors available for the openings provided, Master-Bilt is not currently offering glass doors as a part of the five (5) day stocking program. However, the glass doors are available from Master-Bilt separately, based on standard lead-time from Anthony.

NOTE: Openings are sized to accept Anthony doors in sizes outlined on pp. 14-17.

A. General

Walk-in coolers with openings for glass doors shall be complete with the general specifications as outlined previously in section 1. These walk-ins are available in 8'2" heights for less-floor cooler application only. The coolers will be provided with openings only for Anthony 30¹/₄" x 67", or 30¹/₄" x 75"

Quick Ship Walk-in Specifications

glass doors in the quantities and sizes as outlined in pp. 14-17.

3. REMOTE REFRIGERATION SYSTEMS

A. General

Refrigeration systems available for this program are limited to the Master-Bilt M-Series condensing units and matching evaporator coils on pp. 18-21 only. These remote condensing units are factory pre-wired and pre-assembled.

All units are provided with matching evaporator coils. Remote 2 H.P. through 6 H.P. units are available with either one (1) or two (2) matching evaporator coils.

B. Voltage

Remote $\frac{3}{4}$ and 1 H.P. units are available in 230 volt, 60 cycle, one phase only. $1\frac{1}{2}$, 2, 3 and 5 H.P. units are available in 230 volt, 60 cycle, one phase or 208/220 volt, 60 cycle, three phase. Six H.P. units are available in 208/220 volt, 60 cycle, three phase only.

C. Weather Package Kits

Remote condensing units under this program shall be provided with weather kits containing a weather hood with unit base and a low ambient kit.

D. List Prices

For list prices on refrigeration models outlined above, see pp. 18-21.

4. WARRANTY

Parts and labor on the walk-ins are covered for one year, refrigeration system labor for 90 days, the compressor for one year (optional four year extended warranty available) and walk-in panels for 10 years.

5. EXCLUSION

Any deviation from these specifications and listed walk-in sizes does not qualify for this program, and is subject to Master-Bilt standard lead time.

Please consult factory for lead-times on other walk-in sizes or specifications.

Master-Bilt reserves the right to discontinue this program without notice. All specifications and prices are subject to change without notice.

7'2" And 7'6" Heights

PLEASE NOTE:

- Refrigeration is not included in the list prices of walk-ins. Refer to pp. 18-21 for additional cost of condensing units and evaporators.
- When refrigeration systems and panels are purchased as a package, take an additional 5% discount off list prices.
- See p. 61 for extended four year compressor warranty pricing.

WALK-IN CONFIGURATION	LIST PRICE	ACTUAL SIZE	BTUH REQ'D* 24° TO 40°F	BTUH REQ'D* 0° TO -10°F	DESCRIPTION	SHIP WT. (LB/KG)	FLOOR PLAN***
5'10" WIDTHS							
720606	\$7194	5'10" x 5'10" x 7'2"	2800	N/A	Less Floor	864/393	
760606	\$8587	5'10" x 5'10" x 7'6"	2800	3400**	With Floor	1034/470	
720608	\$8532	5'10" x 7'9" x 7'2"	3400	N/A	Less Floor	1013/460	
760608	\$10,469	5'10" x 7'9" x 7'6"	3400	4100**	With Floor	1239/563	
720608CL	\$8847	5'10" x 7'9" x 7'2"	3400	N/A	Less Floor Door C 7'9"	1013/460	
760608CL	\$10,783	5'10" x 7'9" x 7'6"	3400	4100**	With Floor Door C 7'9"	1239/563	
720610	\$9197	5'10" x 9'8" x 7'2"	4000	N/A	Less Floor	1163/529	
760610	\$11,317	5'10" x 9'8" x 7'6"	4000	4800**	With Floor	1445/657	
7'9" WIDTHS							
720808	\$9542	7'9" x 7'9" x 7'2"	4100	N/A	Less Floor	1178/535	
760808	\$11,727	7'9" x 7'9" x 7'6"	4100	4900**	With Floor	1478/672	
720808CL	\$ 9856	7'9" x 7'9" x 7'2"	4100	N/A	Less Floor Door C 7'9"	1178/535	
760808CL	\$12,042	7'9" x 7'9" x 7'6"	4100	4900**	With Floor Door C 7'9"	1478/672	
720810	\$10,239	7'9" x 9'8" x 7'2"	4700	N/A	Less Floor	1342/610	
760810	\$12,674	7'9" x 9'8" x 7'6"	4700	5700**	With Floor	1716/780	
720810CL	\$10,554	7'9" x 9'8" x 7'2"	4700	N/A	Less Floor Door C 7'9"	1342/610	
760810CL	\$13,098	7'9" x 9'8" x 7'6"	4700	5700**	With Floor Door C 7'9"	1716/780	
720812	\$11,295	7'9" x 11'7" x 7'2"	5400	N/A	Less Floor	1506/685	
760812	\$14,452	7'9" x 11'7" x 7'6"	5400	6500**	With Floor	1955/889	
720812CL	\$11,610	7'9" x 11'7" x 7'2"	5400	N/A	Less Floor Door C 7'9"	1506/685	
760812CL	\$14,766	7'9" x 11'7" x 7'6"	5400	6500**	With Floor Door C 7'9"	1955/889	
720814	\$11,993	7'9" x 13'6" x 7'2"	6100	N/A	Less Floor	1670/759	
760814	\$15,398	7'9" x 13'6" x 7'6"	6100	7300**	With Floor	2193/997	
720814CL	\$12,417	7'9" x 13'6" x 7'2"	6100	N/A	Less Floor Door C 7'9"	1670/759	
760814CL	\$15,710	7'9" x 13'6" x 7'6"	6100	7300**	With Floor Door C 7'9"	2193/997	
720816	\$13,161	7'9" x 15'5" x 7'2"	6800	N/A	Less Floor	1834/834	
760816	\$17,064	7'9" x 15'5" x 7'6"	6800	8100**	With Floor	2432/1105	
720816CL	\$13,475	7'9" x 15'5" x 7'2"	6800	N/A	Less Floor Door C 7'9"	1834/834	
760816CL	\$17,379	7'9" x 15'5" x 7'6"	6800	8100**	With Floor Door C 7'9"	2432/1105	
720818	\$13,858	7'9" x 17'4" x 7'2"	7500	N/A	Less Floor	1999/909	
760818	\$18,011	7'9" x 17'4" x 7'6"	7500	8900**	With Floor	2670/1335	

* Based on 18 hour running time holding duty only in 90°F ambient.

** Freezer door frames must include pressure relief port. List price is \$105 for this part.

*** Doors are mounted in a 46" wide door frame and are interchangeable with any 46" wide wall panel, allowing placements other than shown in floor plan.

7'2" And 7'6" Heights

PLEASE NOTE:

- Refrigeration is not included in the list prices of walk-ins. Refer to pp. 18-21 for additional cost of condensing units and evaporators.
- When refrigeration systems and panels are purchased as a package, take an additional 5% discount off list prices.
- See p. 61 for extended four year compressor warranty pricing.

WALK-IN CONFIGURATION	LIST PRICE	ACTUAL SIZE	BTUH REQ'D* 24° TO 40°F	BTUH REQ'D* 0° TO -10°F	DESCRIPTION	SHIP WT. (LB/KG)	FLOOR PLAN***
7'9" WIDTHS CONTINUED							
720818CL	\$14,173	7'9" x 17'4" x 7'2"	7500	N/A	Less Floor Door ☐ 7'9"	1999/909	
760818CL	\$18,323	7'9" x 17'4" x 7'6"	7500	8900**	With Floor Door ☐ 7'9"	2670/1214	
720820	\$14,914	7'9" x 19'3" x 7'2"	8200	N/A	Less Floor	2163/983	
760820	\$19,677	7'9" x 19'3" x 7'6"	8200	9700**	With Floor	2909/1322	
720820CL	\$15,229	7'9" x 19'3" x 7'2"	8200	N/A	Less Floor Door ☐ 7'9"	2163/983	
760820CL	\$19,991	7'9" x 19'3" x 7'6"	8200	9700**	With Floor Door ☐ 7'9"	2909/1322	
720822	\$15,612	7'9" x 21'2" x 7'2"	8800	N/A	Less Floor	2327/1058	
760822	\$20,623	7'9" x 21'2" x 7'6"	8800	10,600**	With Floor	3147/1430	
720822CL	\$15,926	7'9" x 21'2" x 7'2"	8800	N/A	Less Floor Door ☐ 7'9"	2327/1058	
760822CL	\$20,935	7'9" x 21'2" x 7'6"	8800	10,600**	With Floor Door ☐ 7'9"	3147/1430	
720824	\$16,668	7'9" x 23'1" x 7'2"	9500	N/A	Less Floor	2491/1132	
760824	\$22,289	7'9" x 23'1" x 7'6"	9500	11,400**	With Floor	3386/1539	
720824CL	\$16,982	7'9" x 23'1" x 7'2"	9500	N/A	Less Floor Door ☐ 7'9"	2491/1132	
760824CL	\$22,604	7'9" x 23'1" x 7'6"	9500	11,400**	With Floor Door ☐ 7'9"	3386/1539	
720826	\$17,365	7'9" x 25'0" x 7'2"	10,200	N/A	Less Floor	2655/1207	
760826	\$23,236	7'9" x 25'0" x 7'6"	10,200	12,300**	With Floor	3624/1647	
720826CL	\$17,680	7'9" x 25'0" x 7'2"	10,200	N/A	Less Floor Door ☐ 7'9"	2655/1207	
760826CL	\$23,547	7'9" x 25'0" x 7'6"	10,200	12,300**	With Floor Door ☐ 7'9"	3624/1647	
720828	\$18,424	7'9" x 26'11" x 7'2"	10,900	N/A	Less Floor	2820/1282	
760828	\$24,902	7'9" x 26'11" x 7'6"	10,900	13,100**	With Floor	3863/1756	
720828CL	\$18,736	7'9" x 26'11" x 7'2"	10,900	N/A	Less Floor Door ☐ 7'9"	2820/1282	
760828CL	\$25,216	7'9" x 26'11" x 7'6"	10,900	13,100**	With Floor Door ☐ 7'9"	3863/1756	
720830	\$19,119	7'9" x 28'10" x 7'2"	11,600	N/A	Less Floor	2984/1356	
760830	\$25,848	7'9" x 28'10" x 7'6"	11,600	13,900**	With Floor	4101/1864	
720830CL	\$19,433	7'9" x 28'10" x 7'2"	11,600	N/A	Less Floor Door ☐ 7'9"	2984/1356	
760830CL	\$26,160	7'9" x 28'10" x 7'6"	11,600	13,900**	With Floor Door ☐ 7'9"	4101/1864	
720832	\$20,177	7'9" x 30'9" x 7'2"	12,300	N/A	Less Floor	3148/1431	
760832	\$27,626	7'9" x 30'9" x 7'6"	12,300	14,700**	With Floor	4339/1972	
720832CL	\$20,489	7'9" x 30'9" x 7'2"	12,300	N/A	Less Floor Door ☐ 7'9"	3148/1431	
760832CL	\$27,938	7'9" x 30'9" x 7'6"	12,300	14,700**	With Floor Door ☐ 7'9"	4339/1972	
720834	\$20,872	7'9" x 32'8" x 7'2"	13,000	N/A	Less Floor	3312/1505	
760834	\$28,570	7'9" x 32'8" x 7'6"	13,000	15,500**	With Floor	4578/2081	
720834CL	\$21,187	7'9" x 32'8" x 7'2"	13,000	N/A	Less Floor Door ☐ 7'9"	3312/1505	
760834CL	\$28,884	7'9" x 32'8" x 7'6"	13,000	15,500**	With Floor Door ☐ 7'9"	4578/2081	

* Based on 18 hour running time holding duty only in 90°F ambient.

** Freezer door frames must include pressure relief port. List price is \$105 for this part.

*** Doors are mounted in a 46" wide door frame and are interchangeable with any 46" wide wall panel, allowing placements other than shown in floor plan.

7'2" And 7'6" Heights

PLEASE NOTE:

- Refrigeration is not included in the list prices of walk-ins. Refer to pp. 18-21 for additional cost of condensing units and evaporators.
- When refrigeration systems and panels are purchased as a package, take an additional 5% discount off list prices.
- See p. 61 for extended four year compressor warranty pricing.

WALK-IN CONFIGURATION	LIST PRICE	ACTUAL SIZE	BTUH REQ'D* 24° TO 40°F	BTUH REQ'D* 0° TO -10°F	DESCRIPTION	SHIP WT. (LB/KG)	FLOOR PLAN***
9'8" WIDTHS							
721010 761010	\$10,655 \$13,404	9'8" x 9'8" x 7'2" 9'8" x 9'8" x 7'6"	5500 5500	N/A 6600**	Less Floor With Floor	1521/691 1988/904	
721012 761012	\$12,058 \$15,593	9'8" x 11'7" x 7'2" 9'8" x 11'7" x 7'6"	6300 6300	N/A 7500**	Less Floor With Floor	1700/773 2259/1027	
721014 761014	\$12,474 \$16,323	9'8" x 13'6" x 7'2" 9'8" x 13'6" x 7'6"	7100 7100	N/A 8400**	Less Floor With Floor	1878/854 2531/1150	
721016 761016	\$13,989 \$18,402	9'8" x 15'5" x 7'2" 9'8" x 15'5" x 7'6"	7800 7800	N/A 9300**	Less Floor With Floor	2057/935 2802/1274	
721018 761018	\$14,405 \$19,132	9'8" x 17'4" x 7'2" 9'8" x 17'4" x 7'6"	8600 8600	N/A 10,200**	Less Floor With Floor	2236/1016 3074/1397	
721020 761020	\$15,809 \$21,211	9'8" x 19'3" x 7'2" 9'8" x 19'3" x 7'6"	9400 9400	N/A 11,100**	Less Floor With Floor	2415/1098 3346/1521	
721022 761022	\$16,224 \$21,942	9'8" x 21'2" x 7'2" 9'8" x 21'2" x 7'6"	10,100 10,100	N/A 12,100**	Less Floor With Floor	2594/1179 3617/1644	
721024 761024	\$17,628 \$24,021	9'8" x 23'1" x 7'2" 9'8" x 23'1" x 7'6"	10,900 10,900	N/A 13,000**	Less Floor With Floor	2773/1260 3889/1768	
721026 761026	\$18,044 \$24,751	9'8" x 25'0" x 7'2" 9'8" x 25'0" x 7'6"	11,700 11,700	N/A 13,900**	Less Floor With Floor	2952/1342 4160/1891	
721028 761028	\$19,447 \$26,830	9'8" x 26'11" x 7'2" 9'8" x 26'11" x 7'6"	12,400 12,400	N/A 14,800**	Less Floor With Floor	3131/1423 4432/2015	
721030 761030	\$19,863 \$27,560	9'8" x 28'10" x 7'2" 9'8" x 28'10" x 7'6"	13,200 13,200	N/A 15,700**	Less Floor With Floor	3310/1505 4703/2138	
721032 761032	\$21,269 \$29,749	9'8" x 30'9" x 7'2" 9'8" x 30'9" x 7'6"	14,000 14,000	N/A 16,600**	Less Floor With Floor	3488/1585 4975/2261	
721034 761034	\$21,682 \$30,479	9'8" x 32'8" x 7'2" 9'8" x 32'8" x 7'6"	14,800 14,800	N/A 17,500**	Less Floor With Floor	3667/1667 5246/2385	

* Based on 18 hour running time holding duty only in 90°F ambient.

** Freezer door frames must include pressure relief port. List price is \$105 for this part.

*** Doors are mounted in a 46" wide door frame and are interchangeable with any 46" wide wall panel, allowing placements other than shown in floor plan.

QUICK SHIP

8'2" And 8'6" Heights

PLEASE NOTE:

- Refrigeration is not included in the list prices of walk-ins. Refer to pp. 18-21 for additional cost of condensing units and evaporators.
- When refrigeration systems and panels are purchased as a package, take an additional 5% discount off list prices.
- See p. 61 for extended four year compressor warranty pricing.

WALK-IN CONFIGURATION	LIST PRICE	ACTUAL SIZE	BTUH REQ'D* 24° TO 40°F	BTUH REQ'D* 0° TO -10°F	DESCRIPTION	SHIP WT. (LB/KG)	FLOOR PLAN***
5'10" WIDTHS							
820606	\$7402	5'10" x 5'10" x 8'2"	3100	N/A	Less Floor	957/435	
860606	\$8795	5'10" x 5'10" x 8'6"	3100	3700**	With Floor	1127/512	
820608	\$8776	5'10" x 7'9" x 8'2"	3700	N/A	Less Floor	1122/510	
860608	\$10,712	5'10" x 7'9" x 8'6"	3700	4400**	With Floor	1348/613	
820608CL	\$9090	5'10" x 7'9" x 8'2"	3700	N/A	Less Floor Door \mathcal{C} 7'9"	1122/510	
860608CL	\$11,024	5'10" x 7'9" x 8'6"	3700	4400**	With Floor Door \mathcal{C} 7'9"	1348/613	
820610	\$9473	5'10" x 9'8" x 8'2"	4300	N/A	Less Floor	1287/585	
860610	\$11,593	5'10" x 9'8" x 8'6"	4300	5200**	With Floor	1569/713	
7'9" WIDTHS							
820808	\$9821	7'9" x 7'9" x 8'2"	4400	N/A	Less Floor	1302/592	
860808	\$12,006	7'9" x 7'9" x 8'6"	4400	5300**	With Floor	1602/728	
820808CL	\$10,132	7'9" x 7'9" x 8'2"	4400	N/A	Less Floor Door \mathcal{C} 7'9"	1302/592	
860808CL	\$12,318	7'9" x 7'9" x 8'6"	4400	5300**	With Floor Door \mathcal{C} 7'9"	1602/728	
820810	\$10,551	7'9" x 9'8" x 8'2"	5100	N/A	Less Floor	1481/673	
860810	\$12,986	7'9" x 9'8" x 8'6"	5100	6200**	With Floor	1856/844	
820810CL	\$10,866	7'9" x 9'8" x 8'2"	5100	N/A	Less Floor Door \mathcal{C} 7'9"	1481/673	
860810CL	\$13,410	7'9" x 9'8" x 8'6"	5100	6200**	With Floor Door \mathcal{C} 7'9"	1856/844	
820812	\$11,642	7'9" x 11'7" x 8'2"	5900	N/A	Less Floor	1661/755	
860812	\$14,796	7'9" x 11'7" x 8'6"	5900	7000**	With Floor	2109/959	
820812CL	\$11,957	7'9" x 11'7" x 8'2"	5900	N/A	Less Floor Door \mathcal{C} 7'9"	1661/755	
860812CL	\$15,111	7'9" x 11'7" x 8'6"	5900	7000**	With Floor Door \mathcal{C} 7'9"	2109/959	
820814	\$12,373	7'9" x 13'6" x 8'2"	6600	N/A	Less Floor	1840/836	
860814	\$15,779	7'9" x 13'6" x 8'6"	6600	7900**	With Floor	2363/1074	
820814CL	\$12,800	7'9" x 13'6" x 8'2"	6600	N/A	Less Floor Door \mathcal{C} 7'9"	1840/836	
860814CL	\$16,090	7'9" x 13'6" x 8'6"	6600	7900**	With Floor Door \mathcal{C} 7'9"	2363/1074	
820816	\$13,576	7'9" x 15'5" x 8'2"	7300	N/A	Less Floor	2020/918	
860816	\$17,480	7'9" x 15'5" x 8'6"	7300	8700**	With Floor	2617/1190	
820816CL	\$13,891	7'9" x 15'5" x 8'2"	7300	N/A	Less Floor Door \mathcal{C} 7'9"	2020/918	
860816CL	\$17,792	7'9" x 15'5" x 8'6"	7300	8700**	With Floor Door \mathcal{C} 7'9"	2617/1190	
820818	\$14,307	7'9" x 17'4" x 8'2"	8100	N/A	Less Floor	2199/1000	
860818	\$18,459	7'9" x 17'4" x 8'6"	8100	9600**	With Floor	2871/1305	

* Based on 18 hour running time holding duty only in 90°F ambient.

** Freezer door frames must include pressure relief port. List price is \$105 for this part.

*** Doors are mounted in a 46" wide door frame and are interchangeable with any 46" wide wall panel, allowing placements other than shown in floor plan.

QUICK SHIP

8'2" And 8'6" Heights

PLEASE NOTE:

- Refrigeration is not included in the list prices of walk-ins. Refer to pp. 18-21 for additional cost of condensing units and evaporators.
- When refrigeration systems and panels are purchased as a package, take an additional 5% discount off list prices.
- See p. 61 for extended four year compressor warranty pricing.

WALK-IN CONFIGURATION	LIST PRICE	ACTUAL SIZE	BTUH REQ'D* 24° TO 40°F	BTUH REQ'D* 0° TO -10°F	DESCRIPTION	SHIP WT. (LB/KG)	FLOOR PLAN***
7'9" WIDTHS CONTINUED							
820818CL	\$14,621	7'9" x 17'4" x 8'2"	8100	N/A	Less Floor Door ☐ 7'9"	2199/1000	
860818CL	\$18,771	7'9" x 17'4" x 8'6"	8100	9600**	With Floor Door ☐ 7'9"	2871/1305	
820820	\$15,398	7'9" x 19'3" x 8'2"	8800	N/A	Less Floor	2379/1081	
860820	\$20,161	7'9" x 19'3" x 8'6"	8800	10,500**	With Floor	3125/1420	
820820CL	\$15,713	7'9" x 19'3" x 8'2"	8800	N/A	Less Floor Door ☐ 7'9"	2379/1081	
860820CL	\$20,473	7'9" x 19'3" x 8'6"	8800	10,500**	With Floor Door ☐ 7'9"	3125/1420	
820822	\$16,129	7'9" x 21'2" x 8'2"	9500	N/A	Less Floor	2558/1163	
860822	\$21,140	7'9" x 21'2" x 8'6"	9500	11,300**	With Floor	3378/1535	
820822CL	\$16,443	7'9" x 21'2" x 8'2"	9500	N/A	Less Floor Door ☐ 7'9"	2558/1163	
860822CL	\$21,455	7'9" x 21'2" x 8'6"	9500	11,300**	With Floor Door ☐ 7'9"	3378/1535	
820824	\$17,220	7'9" x 23'1" x 8'2"	10,200	N/A	Less Floor	2738/1245	
860824	\$22,842	7'9" x 23'1" x 8'6"	10,200	12,200**	With Floor	3632/1651	
820824CL	\$17,535	7'9" x 23'1" x 8'2"	10,200	N/A	Less Floor Door ☐ 7'9"	2738/1245	
860824CL	\$23,156	7'9" x 23'1" x 8'6"	10,200	12,200**	With Floor Door ☐ 7'9"	3632/1651	
820826	\$17,951	7'9" x 25'0" x 8'2"	10,900	N/A	Less Floor	2917/1326	
860826	\$23,821	7'9" x 25'0" x 8'6"	10,900	13,000**	With Floor	3886/1766	
820826CL	\$18,265	7'9" x 25'0" x 8'2"	10,900	N/A	Less Floor Door ☐ 7'9"	2917/1326	
860826CL	\$24,136	7'9" x 25'0" x 8'6"	10,900	13,000**	With Floor Door ☐ 7'9"	3886/1766	
820828	\$19,042	7'9" x 26'11" x 8'2"	11,700	N/A	Less Floor	3097/1408	
860828	\$25,522	7'9" x 26'11" x 8'6"	11,700	13,900**	With Floor	4140/1882	
820828CL	\$19,357	7'9" x 26'11" x 8'2"	11,700	N/A	Less Floor Door ☐ 7'9"	3097/1408	
860828CL	\$25,837	7'9" x 26'11" x 8'6"	11,700	13,900**	With Floor Door ☐ 7'9"	4140/1882	
820830	\$19,775	7'9" x 28'10" x 8'2"	12,400	N/A	Less Floor	3276/1489	
860830	\$26,502	7'9" x 28'10" x 8'6"	12,400	14,700**	With Floor	4394/1997	
820830CL	\$20,087	7'9" x 28'10" x 8'2"	12,400	N/A	Less Floor Door ☐ 7'9"	3276/1489	
860830CL	\$26,816	7'9" x 28'10" x 8'6"	12,400	14,700**	With Floor Door ☐ 7'9"	4394/1997	
820832	\$20,867	7'9" x 30'9" x 8'2"	13,100	N/A	Less Floor	3456/1571	
860832	\$28,315	7'9" x 30'9" x 8'6"	13,100	15,500**	With Floor	4647/2112	
820832CL	\$21,178	7'9" x 30'9" x 8'2"	13,100	N/A	Less Floor Door ☐ 7'9"	3456/1571	
860832CL	\$28,627	7'9" x 30'9" x 8'6"	13,100	15,500**	With Floor Door ☐ 7'9"	4647/2112	
820834	\$21,597	7'9" x 32'8" x 8'2"	13,800	N/A	Less Floor	3635/1652	
860834	\$29,295	7'9" x 32'8" x 8'6"	13,800	16,300**	With Floor	4901/2228	
820834CL	\$21,909	7'9" x 32'8" x 8'2"	13,800	N/A	Less Floor Door ☐ 7'9"	3635/1652	
860834CL	\$29,609	7'9" x 32'8" x 8'6"	13,800	16,300**	With Floor Door ☐ 7'9"	4901/2228	

* Based on 18 hour running time holding duty only in 90°F ambient.

** Freezer door frames must include pressure relief port. List price is \$105 for this part.

*** Doors are mounted in a 46" wide door frame and are interchangeable with any 46" wide wall panel, allowing placements other than shown in floor plan.

8'2" And 8'6" Heights

PLEASE NOTE:

- Refrigeration is not included in the list prices of walk-ins. Refer to pp. 18-21 for additional cost of condensing units and evaporators.
- When refrigeration systems and panels are purchased as a package, take an additional 5% discount off list prices.
- See p. 61 for extended four year compressor warranty pricing.

WALK-IN CONFIGURATION	LIST PRICE	ACTUAL SIZE	BTUH REQ'D* 24° TO 40°F	BTUH REQ'D* 0° TO -10°F	DESCRIPTION	SHIP WT. (LB/KG)	FLOOR PLAN***
9'8" WIDTHS							
821010 861010	\$11,000 \$13,749	9'8" x 9'8" x 8'2" 9'8" x 9'8" x 8'6"	6000 6000	N/A 7100**	Less Floor With Floor	1675/761 2143/974	
821012 861012	\$12,438 \$15,975	9'8" x 11'7" x 8'2" 9'8" x 11'7" x 8'6"	6800 6800	N/A 8100**	Less Floor With Floor	1870/850 2429/1104	
821014 861014	\$12,890 \$16,739	9'8" x 13'6" x 8'2" 9'8" x 13'6" x 8'6"	7600 7600	N/A 9000**	Less Floor With Floor	2064/938 2716/1235	
821016 861016	\$14,438 \$18,851	9'8" x 15'5" x 8'2" 9'8" x 15'5" x 8'6"	8400 8400	N/A 10,000**	Less Floor With Floor	2258/1026 3003/1365	
821018 861018	\$14,889 \$19,616	9'8" x 17'4" x 8'2" 9'8" x 17'4" x 8'6"	9200 9200	N/A 11,000**	Less Floor With Floor	2452/1115 3290/1495	
821020 861020	\$16,326 \$21,728	9'8" x 19'3" x 8'2" 9'8" x 19'3" x 8'6"	10,000 10,000	N/A 11,700**	Less Floor With Floor	2646/1203 3577/1626	
821022 861022	\$16,777 \$22,494	9'8" x 21'2" x 8'2" 9'8" x 21'2" x 8'6"	10,800 10,800	N/A 11,900**	Less Floor With Floor	2841/1291 3864/1756	
821024 861024	\$18,216 \$24,606	9'8" x 23'1" x 8'2" 9'8" x 23'1" x 8'6"	11,700 11,700	N/A 12,900**	Less Floor With Floor	3035/1380 4151/1887	
821026 861026	\$18,665 \$25,372	9'8" x 25'0" x 8'2" 9'8" x 25'0" x 8'6"	12,500 12,500	N/A 13,700**	Less Floor With Floor	3229/1468 4437/2017	
821028 861028	\$20,103 \$27,484	9'8" x 26'11" x 8'2" 9'8" x 26'11" x 8'6"	13,300 13,300	N/A 14,600**	Less Floor With Floor	3423/1556 4724/2147	
821030 861030	\$20,552 \$28,250	9'8" x 28'10" x 8'2" 9'8" x 28'10" x 8'6"	14,100 14,100	N/A 15,500**	Less Floor With Floor	3618/1645 5011/2278	
821032 861032	\$21,991 \$30,474	9'8" x 30'9" x 8'2" 9'8" x 30'9" x 8'6"	14,900 14,900	N/A 16,400**	Less Floor With Floor	3812/1733 5298/2408	
821034 861034	\$22,442 \$31,237	9'8" x 32'8" x 8'2" 9'8" x 32'8" x 8'6"	15,700 15,700	N/A 17,300**	Less Floor With Floor	4006/1821 5585/2539	

* Based on 18 hour running time holding duty only in 90°F ambient.

** Freezer door frames must include pressure relief port. List price is \$105 for this part.

*** Doors are mounted in a 46" wide door frame and are interchangeable with any 46" wide wall panel, allowing placements other than shown in floor plan.

QUICK SHIP

Cooler/Freezer Combination Walk-ins – 7'6" Heights

PLEASE NOTE:

- Refrigeration is not included in the list prices of walk-ins. Refer to pp. 18-21 for additional cost of condensing units and evaporators.
- When refrigeration systems and panels are purchased as a package, take an additional 5% discount off list prices.
- See p. 61 for extended four year compressor warranty pricing.

WALK-IN CONFIGURATION	LIST PRICE	ACTUAL SIZE	FREEZER SIZE (WITH FLOOR)	COOLER SIZE (LESS FLOOR)	SHIP WT. (LB/KG)	FLOOR PLAN
7'9" WIDTHS						
760812C	\$17,940	7'9" x 11'7" x 7'6"	7'9" x 5'9 ¹ / ₂ "	7'9" x 5'9 ¹ / ₂ "	2074/943	
760814C	\$18,654	7'9" x 13'6" x 7'6"	7'9" x 5'9 ¹ / ₂ "	7'9" x 7'8 ¹ / ₂ "	2246/1021	
760816C	\$19,720	7'9" x 15'5" x 7'6"	7'9" x 5'9 ¹ / ₂ "	7'9" x 9'7 ¹ / ₂ "	2414/1097	
760816C1	\$20,320	7'9" x 15'5" x 7'6"	7'9" x 7'8 ¹ / ₂ "	7'9" x 7'8 ¹ / ₂ "	2485/1130	
760818C	\$20,423	7'9" x 17'4" x 7'6"	7'9" x 5'9 ¹ / ₂ "	7'9" x 11'6 ¹ / ₂ "	2582/1174	
760818C1	\$21,025	7'9" x 17'4" x 7'6"	7'9" x 7'8 ¹ / ₂ "	7'9" x 9'7 ¹ / ₂ "	2653/1206	
760820C	\$21,499	7'9" x 19'3" x 7'6"	7'9" x 5'9 ¹ / ₂ "	7'9" x 13'5 ¹ / ₂ "	2755/1252	
760820C1	\$22,092	7'9" x 19'3" x 7'6"	7'9" x 7'8 ¹ / ₂ "	7'9" x 11'6 ¹ / ₂ "	2821/1282	
760820C2	\$22,341	7'9" x 19'3" x 7'6"	7'9" x 9'7 ¹ / ₂ "	7'9" x 9'7 ¹ / ₂ "	2895/1316	
9'8" WIDTHS						
761012C	\$19,378	9'8" x 11'7" x 7'6"	9'8" x 5'9 ¹ / ₂ "	9'8" x 5'9 ¹ / ₂ "	2384/1084	
761014C	\$19,802	9'8" x 13'6" x 7'6"	9'8" x 5'9 ¹ / ₂ "	9'8" x 7'8 ¹ / ₂ "	2567/1167	
761016C	\$21,214	9'8" x 15'5" x 7'6"	9'8" x 5'9 ¹ / ₂ "	9'8" x 9'7 ¹ / ₂ "	2750/1250	
761016C1	\$21,881	9'8" x 15'5" x 7'6"	9'8" x 7'8 ¹ / ₂ "	9'8" x 7'8 ¹ / ₂ "	2838/1290	
761018C	\$21,649	9'8" x 17'4" x 7'6"	9'8" x 5'9 ¹ / ₂ "	9'8" x 11'6 ¹ / ₂ "	2936/1335	
761018C1	\$22,306	9'8" x 17'4" x 7'6"	9'8" x 7'8 ¹ / ₂ "	9'8" x 9'7 ¹ / ₂ "	3021/1373	
761020C	\$23,061	9'8" x 19'3" x 7'6"	9'8" x 5'9 ¹ / ₂ "	9'8" x 13'5 ¹ / ₂ "	3119/1418	
761020C1	\$23,728	9'8" x 19'3" x 7'6"	9'8" x 7'8 ¹ / ₂ "	9'8" x 11'6 ¹ / ₂ "	3208/1458	
761020C2	\$24,023	9'8" x 19'3" x 7'6"	9'8" x 9'7 ¹ / ₂ "	9'8" x 9'7 ¹ / ₂ "	3293/1497	

For BTUH specifications, refer to single compartment sizes on pp. 6-11.

Cooler/Freezer Combination Walk-ins – 8'6" Heights

PLEASE NOTE:

- Refrigeration is not included in the list prices of walk-ins. Refer to pp. 18-21 for additional cost of condensing units and evaporators.
- When refrigeration systems and panels are purchased as a package, take an additional 5% discount off list prices.
- See p. 61 for extended four year compressor warranty pricing.

WALK-IN CONFIGURATION	LIST PRICE	ACTUAL SIZE	FREEZER SIZE (WITH FLOOR)	COOLER SIZE (LESS FLOOR)	SHIP WT. (LB/KG)	FLOOR PLAN
7'9" WIDTHS						
860812C	\$ 18,355	7'9" x 11'7" x 8'6"	7'9" x 5'9 ¹ / ₂ "	7'9" x 5'9 ¹ / ₂ "	2260/1027	
860814C	\$ 19,102	7'9" x 13'6" x 8'6"	7'9" x 5'9 ¹ / ₂ "	7'9" x 7'8 ¹ / ₂ "	2447/1112	
860816C	\$ 20,205	7'9" x 15'5" x 8'6"	7'9" x 5'9 ¹ / ₂ "	7'9" x 9'7 ¹ / ₂ "	2631/1196	
860816C1	\$ 20,804	7'9" x 15'5" x 8'6"	7'9" x 7'8 ¹ / ₂ "	7'9" x 7'8 ¹ / ₂ "	2701/1228	
860818C	\$ 20,943	7'9" x 17'4" x 8'6"	7'9" x 5'9 ¹ / ₂ "	7'9" x 11'6 ¹ / ₂ "	2814/1279	
860818C1	\$ 21,545	7'9" x 17'4" x 8'6"	7'9" x 7'8 ¹ / ₂ "	7'9" x 9'7 ¹ / ₂ "	2884/1311	
860820C	\$ 22,054	7'9" x 19'3" x 8'6"	7'9" x 5'9 ¹ / ₂ "	7'9" x 13'5 ¹ / ₂ "	3002/1365	
860820C1	\$ 22,645	7'9" x 19'3" x 8'6"	7'9" x 7'8 ¹ / ₂ "	7'9" x 11'6 ¹ / ₂ "	3068/1395	
860820C2	\$ 22,894	7'9" x 19'3" x 8'6"	7'9" x 9'7 ¹ / ₂ "	7'9" x 9'7 ¹ / ₂ "	3142/1428	
9'8" WIDTHS						
861012C	\$ 19,844	9'8" x 11'7" x 8'6"	9'8" x 5'9 ¹ / ₂ "	9'8" x 5'9 ¹ / ₂ "	2592/1178	
861014C	\$ 20,303	9'8" x 13'6" x 8'6"	9'8" x 5'9 ¹ / ₂ "	9'8" x 7'8 ¹ / ₂ "	2791/1269	
861016C	\$ 21,750	9'8" x 15'5" x 8'6"	9'8" x 5'9 ¹ / ₂ "	9'8" x 9'7 ¹ / ₂ "	2989/1359	
861016C1	\$ 22,418	9'8" x 15'5" x 8'6"	9'8" x 7'8 ¹ / ₂ "	9'8" x 7'8 ¹ / ₂ "	3077/1399	
861018C	\$ 22,218	9'8" x 17'4" x 8'6"	9'8" x 5'9 ¹ / ₂ "	9'8" x 11'6 ¹ / ₂ "	3191/1450	
861018C1	\$ 22,874	9'8" x 17'4" x 8'6"	9'8" x 7'8 ¹ / ₂ "	9'8" x 9'7 ¹ / ₂ "	3276/1489	
861020C	\$ 23,665	9'8" x 19'3" x 8'6"	9'8" x 5'9 ¹ / ₂ "	9'8" x 13'5 ¹ / ₂ "	3389/1540	
861020C1	\$ 24,333	9'8" x 19'3" x 8'6"	9'8" x 7'8 ¹ / ₂ "	9'8" x 11'6 ¹ / ₂ "	3478/1581	
861020C2	\$ 24,628	9'8" x 19'3" x 8'6"	9'8" x 9'7 ¹ / ₂ "	9'8" x 9'7 ¹ / ₂ "	3563/1620	

For BTUH specifications, refer to single compartment sizes on pp. 6-11.

Walk-ins With Openings Only For Anthony® 30¹/₄" x 67" Glass Doors

PLEASE NOTE:

- Glass doors not included, 8'2" heights only, coolers only.
- Refrigeration is not included in the list prices of walk-ins. Refer to pp. 18-21 for additional cost of condensing units and evaporators.
- When refrigeration systems and panels are purchased as a package, take an additional 5% discount off list prices.
- See p. 61 for extended four year compressor warranty pricing.

WALK-IN CONFIGURATION	LIST PRICE	ACTUAL SIZE	QTY. DOORS*	BTUH REQ'D** 24° TO 40°F	DESCRIPTION	SHIP WT. (LB/KG.)	FLOOR PLAN***
7'9" WIDTHS							
82081036	\$10,789	7'9" x 9'8" x 8'2"	3	8700	Less Floor	1372/624	
82081236	\$12,187	7'9" x 11'7" x 8'2"	4	10,700	Less Floor	1514/688	
82081436	\$12,950	7'9" x 13'6" x 8'2"	5	12,600	Less Floor	1659/754	
82081636	\$14,041	7'9" x 15'5" x 8'2"	5	13,300	Less Floor	1839/836	
82081836	\$14,372	7'9" x 17'4" x 8'2"	6	15,300	Less Floor	1980/900	
82082036	\$15,779	7'9" x 19'3" x 8'2"	7	17,200	Less Floor	2122/965	
82082236	\$16,432	7'9" x 21'2" x 8'2"	8	19,100	Less Floor	2267/1030	
82082436	\$17,524	7'9" x 23'1" x 8'2"	8	19,800	Less Floor	2447/1112	
82082636	\$17,855	7'9" x 25'0" x 8'2"	9	21,700	Less Floor	2588/1176	
82082836	\$19,261	7'9" x 26'11" x 8'2"	10	23,700	Less Floor	2734/1243	
82083036	\$19,904	7'9" x 28'10" x 8'2"	11	25,600	Less Floor	2875/1307	
82083236	\$20,995	7'9" x 30'9" x 8'2"	11	26,300	Less Floor	3055/1389	
82083436	\$21,326	7'9" x 32'8" x 8'2"	12	29,000	Less Floor	3196/1453	

* Quantities shown represent the number of glass doors required to fill opening. Glass doors are not included as part of the stock walk-in program.

** B.T.U.H. requirements shown reflect combined loads for walk-in and glass doors. These figures are based on 18 hour running time, and holding duty only in 90°F ambient. For pull-down of product loads, please consult factory.

***Doors are mounted in a 46" wide door frame and are interchangeable with any 46" wide wall panel, allowing placements other than shown in floor plan.

QUICK SHIP

Walk-ins With Openings Only For Anthony® 30¹/₄" x 67" Glass Doors

PLEASE NOTE:

- Glass doors not included, 8'2" heights only, coolers only.
- Refrigeration is not included in the list prices of walk-ins. Refer to pp. 18-21 for additional cost of condensing units and evaporators.
- When refrigeration systems and panels are purchased as a package, take an additional 5% discount off list prices.
- See p. 61 for extended four year compressor warranty pricing.

WALK-IN CONFIGURATION	LIST PRICE	ACTUAL SIZE	QTY. DOORS*	BTUH REQ'D** 24° TO 40°F	DESCRIPTION	SHIP WT. (LB/KG.)	FLOOR PLAN***
9'8" WIDTHS							
82101036	\$11,238	9'8" x 9'8" x 8'2"	3	9600	Less Floor	1566/712	
82101236	\$13,095	9'8" x 11'7" x 8'2"	4	11,600	Less Floor	1723/783	
82101436	\$13,467	9'8" x 13'6" x 8'2"	5	13,600	Less Floor	1883/856	
82101636	\$14,906	9'8" x 15'5" x 8'2"	5	14,400	Less Floor	2077/944	
82101836	\$14,955	9'8" x 17'4" x 8'2"	6	16,400	Less Floor	2233/1015	
82102036	\$16,706	9'8" x 19'3" x 8'2"	7	18,400	Less Floor	2389/1086	
82102236	\$17,078	9'8" x 21'2" x 8'2"	8	20,400	Less Floor	2550/1159	
82102436	\$18,517	9'8" x 23'1" x 8'2"	8	21,300	Less Floor	2744/1247	
82102636	\$18,566	9'8" x 25'0" x 8'2"	9	23,300	Less Floor	2900/1318	
82102836	\$20,320	9'8" x 26'11" x 8'2"	10	25,300	Less Floor	3060/1390	
82103036	\$20,683	9'8" x 28'10" x 8'2"	11	27,300	Less Floor	3217/1462	
82103236	\$22,122	9'8" x 30'9" x 8'2"	11	28,100	Less Floor	3411/1550	
82103436	\$22,171	9'8" x 32'8" x 8'2"	12	30,100	Less Floor	3567/1621	

* Quantities shown represent the number of glass doors required to fill opening. Glass doors are not included as part of the stock walk-in program.

** B.T.U.H. requirements shown reflect combined loads for walk-in and glass doors. These figures are based on 18 hour running time, and holding duty only in 90°F ambient. For pull-down of product loads, please consult factory.

***Doors are mounted in a 46" wide door frame and are interchangeable with any 46" wide wall panel, allowing placements other than shown in floor plan.

QUICK SHIP

Walk-ins With Openings Only For Anthony® 30¹/₄" x 75" Glass Doors

PLEASE NOTE:

- Glass doors not included, 8'2" heights only, coolers only.
- Refrigeration is not included in the list prices of walk-ins. Refer to pp. 18-21 for additional cost of condensing units and evaporators.
- When refrigeration systems and panels are purchased as a package, take an additional 5% discount off list prices.
- See p. 61 for extended four year compressor warranty pricing.

WALK-IN CONFIGURATION	LIST PRICE	ACTUAL SIZE	QTY. DOORS*	BTUH REQ'D** 24° TO 40°F	DESCRIPTION	SHIP WT. (LB/KG.)	FLOOR PLAN***
7'9" WIDTHS							
82081038	\$10,742	7'9" x 9'8" x 8'2"	3	9022	Less Floor	1357/617	
82081238	\$12,132	7'9" x 11'7" x 8'2"	4	11,100	Less Floor	1497/680	
82081438	\$12,871	7'9" x 13'6" x 8'2"	5	13,100	Less Floor	1632/742	
82081638	\$13,962	7'9" x 15'5" x 8'2"	5	13,800	Less Floor	1954/888	
82081838	\$14,293	7'9" x 17'4" x 8'2"	6	16,000	Less Floor	1954/888	
82082038	\$15,688	7'9" x 19'3" x 8'2"	7	18,000	Less Floor	2094/952	
82082238	\$16,315	7'9" x 21'2" x 8'2"	8	20,000	Less Floor	2229/1013	
82082438	\$17,406	7'9" x 23'1" x 8'2"	8	20,700	Less Floor	2409/1095	
82082638	\$17,729	7'9" x 25'0" x 8'2"	9	22,700	Less Floor	2548/1158	
82082838	\$19,116	7'9" x 26'11" x 8'2"	10	24,780	Less Floor	2687/1221	
82083038	\$19,753	7'9" x 28'10" x 8'2"	11	26,780	Less Floor	2826/1285	
82083238	\$20,845	7'9" x 30'9" x 8'2"	11	27,480	Less Floor	3006/1366	
82083438	\$21,157	7'9" x 32'8" x 8'2"	12	30,000	Less Floor	3141/1428	

* Quantities shown represent the number of glass doors required to fill opening. Glass doors are not included as part of the stock walk-in program.

** B.T.U.H. requirements shown reflect combined loads for walk-in and glass doors. These figures are based on 18 hour running time, and holding duty only in 90°F ambient. For pull-down of product loads, please consult factory.

*** Doors are mounted in a 46" wide door frame and are interchangeable with any 46" wide wall panel, allowing placements other than shown in floor plan.

QUICK SHIP

Walk-ins With Openings Only For Anthony® 30¹/₄" x 75" Glass Doors

PLEASE NOTE:

- Glass doors not included, 8'2" heights only, coolers only.
- Refrigeration is not included in the list prices of walk-ins. Refer to pp. 18-21 for additional cost of condensing units and evaporators.
- When refrigeration systems and panels are purchased as a package, take an additional 5% discount off list prices.
- See p. 61 for extended four year compressor warranty pricing.

WALK-IN CONFIGURATION	LIST PRICE	ACTUAL SIZE	QTY. DOORS*	BTUH REQ'D** 24° TO 40°F	DESCRIPTION	SHIP WT. (LB./KG.)	FLOOR PLAN***
9'8" WIDTHS							
82101038	\$11,194	9'8" x 9'8" x 8'2"	3	9920	Less Floor	1551/705	
82101238	\$13,040	9'8" x 11'7" x 8'2"	4	12,030	Less Floor	1706/775	
82101438	\$13,385	9'8" x 13'6" x 8'2"	5	14,140	Less Floor	1856/844	
82101638	\$14,824	9'8" x 15'5" x 8'2"	5	14,940	Less Floor	2050/932	
82101838	\$14,876	9'8" x 17'4" x 8'2"	6	17,000	Less Floor	2207/1003	
82102038	\$16,616	9'8" x 19'3" x 8'2"	7	19,200	Less Floor	2361/1073	
82102238	\$16,963	9'8" x 21'2" x 8'2"	8	21,260	Less Floor	2512/1142	
82102438	\$18,399	9'8" x 23'1" x 8'2"	8	22,160	Less Floor	2706/1230	
82102638	\$18,440	9'8" x 25'0" x 8'2"	9	24,270	Less Floor	2860/1300	
82102838	\$20,177	9'8" x 26'11" x 8'2"	10	26,380	Less Floor	3013/1370	
82103038	\$20,533	9'8" x 28'10" x 8'2"	11	28,480	Less Floor	3168/1440	
82103238	\$21,969	9'8" x 30'9" x 8'2"	11	27,300	Less Floor	3362/1528	
82103438	\$22,002	9'8" x 32'8" x 8'2"	12	31,400	Less Floor	3512/1596	

* Quantities shown represent the number of glass doors required to fill opening. Glass doors are not included as part of the stock walk-in program.

** B.T.U.H. requirements shown reflect combined loads for walk-in and glass doors. These figures are based on 18 hour running time, and holding duty only in 90°F ambient. For pull-down of product loads, please consult factory.

***Doors are mounted in a 46" wide door frame and are interchangeable with any 46" wide wall panel, allowing placements other than shown in floor plan.

QUICK SHIP

Quick Ship Refrigeration System Specifications

PLEASE NOTE:

- When refrigeration systems and panels are purchased as a package, take an additional 5% discount off list prices.
- See p. 61 for extended four year compressor warranty pricing.

MEDIUM TEMP R-22 HERMETIC CONDENSING UNITS

COND. UNIT MODEL*	LIST PRICE	H.P.	COMPRESSOR MODEL	BTUH @ 25°F SUCTION TEMP. 90°F AMBIENT	UNIT CONNECTION SIZES		BASE SIZE†	RECEIVER PUMP DOWN CAP. @ 90%	SHIP WT. (LB/KG)	MCA††	MOP††	RLA††	LRA††
					LIQUID	SUCTION							
MHHX0061B	\$3009	1/2	ART69C1-IAV	5383	3/8	5/8	M1	7.8	230/105	13	15	6.4	34.0
MHHX0081B	\$3157	3/4	RS47C2-IAV	6749	3/8	5/8	M1	7.8	240/109	13	20	7.1	35.5
MHHX0111B	\$3158	1	RS70C1-PFV	9116	3/8	5/8	M1	7.8	170/77	20	20	7.0	34.2
MHHX0111C	\$3269	1	RS70C1-TFC	9227	3/8	5/8	M1	7.8	170/77	20	20	4.7	31.0
MHHX0151B	\$3733	1 1/2	CR18KQ-PFV	12,864	3/8	7/8	M2	11.4	240/109	19	25	9.0	41.0
MHHX0151C	\$3974	1 1/2	CR18KQ-TF5	13,089	3/8	7/8	M2	11.4	240/109	20	20	6.0	49.0
MHHX0191B	\$3853	2	CR24KQ-PFV	15,941	1/2	7/8	M2	11.4	380/172	23	35	13.5	70.5
MHHX0191C	\$4160	2	CR24KQ-TF5	15,671	1/2	7/8	M2	11.4	380/172	23	25	7.5	51.0
MHHX0251B	\$3956	2 1/2	CR33KQ-PFV	20,714	1/2	7/8	M2	11.4	400/182	38	40	16.0	75.0
MHHX0251C	\$4083	2 1/2	CR33KQ-TF5	20,714	1/2	7/8	M2	11.4	400/182	23	30	10.6	69.0
MHHX0301B	\$3895	3	CR37KQ-PFV	26,173	1/2	7/8	M3	15.2	302/137	38	50	18.5	100.0
MHHX0301C	\$3991	3	CR37KQ-TF5	26,284	1/2	7/8	M3	15.2	302/137	32	40	11.1	85.0
MHHX0351B	\$4009	3 1/4	CR41KQ-PFV	28,236	1/2	7/8	M3	15.2	430/195	38	50	19.4	109.6
MHHX0351C	\$3741	3 1/4	CR41KQ-TF5	28,611	1/2	7/8	M3	15.2	430/195	32	35	13.1	80.0
MHHX0441B	\$5052	4	CR53KQ-PFV	38,416	5/8	1 1/8	M5	22.1	385/175	45	70	29.0	140.0
MHHX0441C	\$4876	4	CR53KQ-TF5	38,676	5/8	1 1/8	M5	22.1	385/175	44	45	18.0	107.0
MHHX0501B	\$5331	5	CRN5-0500-PFV	44,171	5/8	1 1/8	M5	22.1	530/241	52	80	34.3	142.0
MHHX0501C	\$4792	5	CRN5-0500-TF5	44,870	5/8	1 1/8	M5	22.1	530/241	44	55	21.4	130.0

NOTES:

- 404A compressors are shipped with P.O.E. oil.
- All "M" units include low ambient kit (crankcase heater, head pressure control valve) as standard feature.

*VOLTAGE KEY:

"B" suffix = 208-230 or 230 volt, 60 cycle, one phase

"C" suffix = 200-230 or 208-230 volt, 60 cycle, three phase

†See pp. 56-58 for unit base drawings.

††Electrical ratings for condensing unit only. See National Electrical Code if units are combined on a single circuit.

Condensing unit components listed on p. 50.

Quick Ship Refrigeration System Specifications

PLEASE NOTE:

- When refrigeration systems and panels are purchased as a package, take an additional 5% discount off list prices.
- See p. 61 for extended four year compressor warranty pricing.

MATCHING EVAPORATOR COILS FOR MEDIUM TEMP R-22 HERMETIC CONDENSING UNITS

EVAPORATOR MODEL*	LIST PRICE	UNIT PART NO.	BTUH @ SUCTION TEMP. 25°F**	NO. FANS	DIMENSIONS (INCHES)			SHIP WT. (LB/KG)	FAN AMPS	DEFROST AMPS
					L	W	H			
E1HX0040A	\$982	SA18-41BA	4920	1	28	15	16	43/20	2.0	NOT APPLICABLE
E1HX0065A	\$1136	SA18-66BA	7920	1	28	15	16	50/23	2.0	
E1HX0070A	\$1321	SA28-76BA	9120	2	42	15	16	64/29	4.0	
E1HX0070A	\$1321	SA28-76BA	9120	2	42	15	16	64/29	4.0	
E1HX0120A	\$1373	SA28-122BA	14,640	2	42	15	16	74/34	4.0	
E1HX0120A	\$1373	SA28-122BA	14,640	2	42	15	16	74/34	4.0	
E1HX0130A	\$1367	SA28-134BA	16,080	2	46	15	16	77/35	4.0	
E1HX0140A	\$1834	SA36-145BA	17,400	3	64	15	16	105/48	6.0	
E1HX0180A	\$2259	SA38-195BA	23,400	3	64	15	16	120/55	6.0	
E1HX0140A	\$1834	SA36-145BA	17,400	3	64	15	16	105/48	6.0	
E1HX0208A	\$2503	SA48-212BA	25,440	4	82	15	16	145/66	8.0	
E1HX0208A	\$2503	SA48-212BA	25,440	4	82	15	16	145/66	8.0	
E1HX0260A	\$2911	SA48-264BA	31,680	4	82	15	16	160/73	8.0	
E1HX0260A	\$2911	SA48-264BA	31,680	4	82	15	16	160/73	8.0	
E1HX0312A	\$3400	SA68-318BA	38,160	5	118	15	16	255/116	12.0	
E1HX0312A	\$3400	SA68-318BA	38,160	5	118	15	16	255/116	12.0	
E1HX0370A	\$4162	SA68-390BA	46,800	6	118	15	16	275/125	12.0	
E1HX0370A	\$4162	SA68-390BA	46,800	6	118	15	16	275/125	12.0	

*VOLTAGE KEY:

"A" suffix = 115 volt, 60 cycle, one phase

"B" suffix = 208-230 or 230 volt, 60 cycle, one phase

**Medium temp coils based on 12° T.D. Low temp coils based on 10° T.D.

*No. of fans and dimensions are per evaporator.

**Evaporator models followed by a number in parentheses indicates that multiple coils are necessary.

QUICK SHIP

Quick Ship Refrigeration System Specifications

PLEASE NOTE:

- When refrigeration systems and panels are purchased as a package, take an additional 5% discount off list prices.
- See p. 61 for extended four year compressor warranty pricing.

LOW TEMP R-404A SEMI-HERMETIC CONDENSING UNITS

COND. UNIT MODEL*	LIST PRICE	H.P.	COMPRESSOR MODEL	BTUH @ -20°F SUCTION TEMP. 90°F AMBIENT	UNIT CONNECTION SIZES		BASE SIZE†	RECEIVER PUMP DOWN CAP. @ 90%	SHIP WT. (LB/KG)	MCA††	MOP††	RLA††	LRA††
					LIQUID	SUCTION							
MCLZ0081B	\$4936	1½	KATB-015E-CAV	7528	3/8	7/8	M1	7.7	310/141	16	25	9.6	55.0
MCLZ0081C	\$5048	1½	KATA-015E-TAC	7438	3/8	7/8	M1	7.7	310/141	13	15	5.0	35.5
MCLZ0101C	\$6912	2	EAVA-021E-TAC	8755	1/2	7/8	M2	11.4	330/150	19	20	7.4	50.0
MCLZ0141B	\$7948	3	LAHB-032E-CAB	13,799	1/2	1⅛	M3	11.4	500/227	28	40	16.7	105.0
MCLZ0141C	\$7570	3	LAHA-032E-TAC	13,903	1/2	1⅛	M3	11.4	500/227	26	35	12.8	112.0
MCLZ0171C	\$9290	4	NRD1-032E-TFC	17,291	1/2	1⅛	M3	15.2	510/232	32	45	16.3	82.0

LOW TEMP R-404A HERMETIC CONDENSING UNITS

COND. UNIT MODEL*	LIST PRICE	H.P.	COMPRESSOR MODEL	BTUH @ -20°F SUCTION TEMP. 90°F AMBIENT	UNIT CONNECTION SIZES		BASE SIZE†	RECEIVER PUMP DOWN CAP. @ 90%	SHIP WT. (LB/KG)	MCA††	MOP††	RLA††	LRA††
					LIQUID	SUCTION							
MHLZ0051B	\$3397	1	CF04K6E-PFV	3945	3/8	7/8	M1	7.7	240/109	16	25	9.6	59.0
MHLZ0051C	\$3397	1	CF04K6E-TF5	3769	3/8	7/8	M1	7.7	240/109	13	15	6.4	52.0
MHLZ0071B	\$3410	1½	CF06K6E-PFV	5938	3/8	1⅛	M1	7.7	250/114	18	30	11.4	59.2
MHLZ0071C	\$3372	1½	CF06K6E-TF5	5722	3/8	1⅛	M1	7.7	250/114	13	20	7.0	52.0
MHLZ0091B	\$4087	2	CF09K6E-PFV	9133	1/2	1⅛	M2	11.4	260/118	26	40	16.3	87.0
MHLZ0091C	\$3982	2	CF09K6E-TF5	9230	1/2	1⅛	M2	11.4	245/111	19	25	9.9	65.1
MHLZ0121B	\$4279	3	CF12K6E-PFV	11,559	1/2	1⅛	M2	11.4	260/118	30	45	19.0	105.0
MHLZ0121C	\$4236	3	CF12K6E-TF5	11,596	1/2	1⅛	M2	11.4	260/118	21	30	11.9	85.0

R-404A DISCUS CONDENSING UNITS

COND. UNIT MODEL*	LIST PRICE	H.P.	COMPRESSOR MODEL	BTUH @ -20°F SUCTION TEMP. 90°F AMBIENT	UNIT CONNECTION SIZES		BASE SIZE†	RECEIVER PUMP DOWN CAP. @ 90%	SHIP WT. (LB/KG)	MCA††	MOP††	RLA††	LRA††
					LIQUID	SUCTION							
MDLZ0291C	\$10,399	6	2DB3-060E-TFC	29,187	5/8	1⅜	M5	22.1	560/255	47	70	28.2	161.0
MDLZ0331C	\$10,953	6	3DA3A060E-TFC	32,417	5/8	1⅜	M5	22.1	560/255	50	70	30.3	150.0

NOTES:

- 404A compressors are shipped with P.O.E. oil.
- All "M" units include low ambient kit (crankcase heater, head pressure control valve) as standard feature.

*VOLTAGE KEY:

"B" suffix = 208-230 or 230 volt, 60 cycle, one phase

"C" suffix = 200-230 or 208-230 volt, 60 cycle, three phase

†See pp. 56-58 for unit base drawings.

††Electrical ratings for condensing unit only. See National Electrical Code if units are combined on a single circuit.

Condensing unit components listed on p. 50.

Quick Ship Refrigeration System Specifications

PLEASE NOTE:

- When refrigeration systems and panels are purchased as a package, take an additional 5% discount off list prices.
- See p. 61 for extended four year compressor warranty pricing.

MATCHING EVAPORATOR COILS FOR LOW TEMP R-404A SEMI-HERMETIC CONDENSING UNITS

EVAPORATOR MODEL*	LIST PRICE	UNIT PART NO.	BTUH @ SUCTION TEMP. -20°F**	NO. FANS	DIMENSIONS (INCHES)			SHIP WT. (LB/KG)	FAN AMPS	DEFROST AMPS
					L	W	H			
E1LZ0075B	\$1836	SE26-75BD	7500	2	42	15	16	67/30	2.0	7.0
E1LZ0075B	\$1836	SE26-75BD	7500	2	42	15	16	67/30	2.0	7.0
E1LZ0090B	\$1881	SE26-92BD	9200	2	46	15	16	74/34	2.0	8.7
E1LZ0141B	\$2772	SE36-140BD	14,000	3	64	15	16	115/52	3.0	13.0
E1LZ0141B	\$2772	SE36-140BD	14,000	3	64	15	16	115/52	3.0	13.0
E1LZ0160B	\$2745	SE46-164BD	16,000	4	82	15	16	140/64	4.0	17.4

MATCHING EVAPORATOR COILS FOR LOW TEMP R-404A HERMETIC CONDENSING UNITS

EVAPORATOR MODEL*	LIST PRICE	UNIT PART NO.	BTUH @ SUCTION TEMP. -20°F**	NO. FANS	DIMENSIONS (INCHES)			SHIP WT. (LB/KG)	FAN AMPS	DEFROST AMPS
					L	W	H			
E1LZ0047B	\$1577	SE16-46BD	4600	1	28	15	16	47/21	1.0	4.4
E1LZ0035B	\$1357	SE16-36BD	3600	1	28	15	16	41/19	1.0	4.4
E1LZ0065B	\$1637	SE26-60BD	6000	2	42	15	16	61/28	2.0	7.0
E1LZ0065B	\$1637	SE26-60BD	6000	2	42	15	16	61/28	2.0	7.0
E1LZ0090B	\$1881	SE26-92BD	9200	2	46	15	16	74/34	2.0	8.7
E1LZ0090B	\$1881	SE26-92BD	9200	2	46	15	16	74/34	2.0	8.7
E1LZ0120B	\$2263	SE36-120BD	12,000	3	64	15	16	105/48	3.0	13.0
E1LZ0120B	\$2263	SE36-120BD	12,000	3	64	15	16	105/48	3.0	13.0

MATCHING EVAPORATOR COILS FOR LOW TEMP R-404A DISCUS CONDENSING UNITS

EVAPORATOR MODEL*	LIST PRICE	UNIT PART NO.	BTUH @ SUCTION TEMP. -20°F**	NO. FANS*	DIMENSIONS (INCHES)*			SHIP WT. (LB/KG)	FAN AMPS	DEFROST AMPS
					L	W	H			
E1LZ0280B	\$5293	SE66-280BD	28,000	6	118	15	16	270/123	6.0	26.1
E1LZ0160B (2)**	\$2745 (EA.)	SE46-164BD	32,800 (total)	4	82	15	16	140/64	4.0	34.8

*VOLTAGE KEY:

"A" suffix = 115 volt, 60 cycle, one phase

"B" suffix = 208-230 or 230 volt, 60 cycle, one phase

**Medium temp coils based on 12° T.D. Low temp coils based on 10° T.D.

*No. of fans and dimensions are per evaporator.

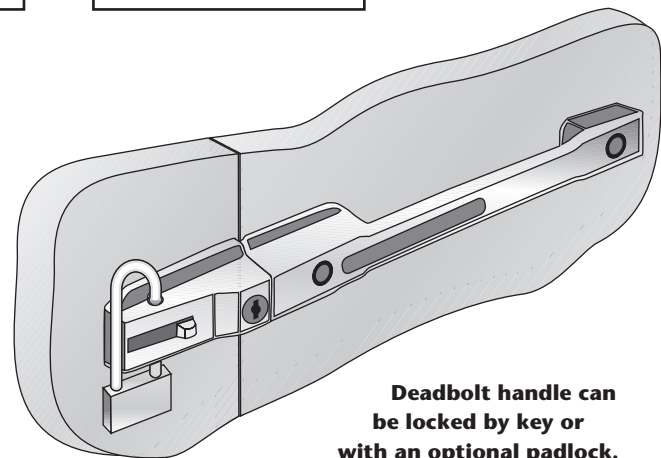
**Evaporator models followed by a number in parentheses indicates that multiple coils are necessary.

FEATURES A STANDARD DEADBOLT LOCKING HANDLE ON ALL WALK-INS AT NO ADDITIONAL COST



EXTRA SECURITY WITHOUT EXTRA COST

- The entire locking system is on the door frame.
- There are no exposed screws anywhere on the locking mechanism.
- The locking mechanism can't be removed from the door frame exterior. Even if the handle is removed (while in locked position), the door remains locked by the deadbolt which is extended over the door exterior.
- The locking mechanism includes an inside safety release knob to avoid accidental entrapment in the walk-in.
- The handle can also be locked in the fully unlocked position with key and/or padlock to prevent unauthorized locking of the door.



Deadbolt handle can be locked by key or with an optional padlock.

PRS-2 SERIES WALK-INS

With Packaged Refrigeration Systems

Ships
In **5** Days
Business
Days



Available with choice of 26", 30" or 36" wide door
(specify width when ordering)

PRS-2 Series Walk-in Specifications

A. GENERAL

Walk-ins shall be constructed of prefab, precision formed, modular panels designed for accurate, rapid field assembly and in compliance with the general construction as described in the *Master-Bilt Architectural Specifications and General Design Information* binder.

Walk-ins and PRS-2 series package refrigeration systems shall be available for shipment within five (5) working days of received order.

Indoor PRS-2 refrigeration systems will have a standard condensate evaporator pan to eliminate the need for a drain line.

B. INSULATION

Insulation shall be 4" thick rigid urethane, pour-type, foamed-in-place.

C. HEIGHTS

Walk-in coolers and freezers shall consist of 7'6" height for with-floor applications. Less-floor applications shall consist of 7'2" height. Freezers are available in with-floor models only.

D. METAL FINISHES

Walk-in coolers or freezers under this program shall have 26 gauge stucco galvalume interior and exterior finish. Floor interiors shall be .080 **textured** aluminum. Floor panels shall be designed to support an evenly distributed load of 700 lbs. per square foot loading (stationary load).

E. RATINGS AND LISTINGS

Walk-ins under this program have been independently tested for:

1. Structural Strength
2. U.L. and C-U.L. listed doors
3. N.S.F. Listed
4. A.S.T.M. E-84-04, D-1929-91a, D-482-91, D1622-93
5. N.Y.C. Approval #59-85
6. City of Los Angeles RR 25169
7. State of Oregon (consult factory)
8. Toxicity evaluated

Reports are available from factory upon request.

F. ENTRANCE DOOR

Stock walk-ins shall be complete with one (1) each infitting (flush-mount) self-closing entrance door.

Door height will be 78" with choice of 26", 30" or 36" width (specify when ordering).

Entrance door to include:

- Two (2) spring loaded cam-lift hinges
- Hydraulic door closure
- Deadbolt-locking handle
- Pre-wired vapor-proof light fixture
- Inside safety release
- Mounted dial thermometer
- Magnetic gaskets along the top and both sides
- An adjustable double vinyl wiper gasket along bottom
- Drip guard over door in outdoor models

In addition, the door shall contain adjustable hinge backing plates for each hinge. These plates shall provide for in-field adjustment of door hinges without removal of the hinges or door from its frame.

On all walk-in freezers, the infitting door jamb shall be provided with a thermostatically-controlled warmer cable around the entire perimeter of the opening.

The door shall be available either left hinged or right hinged (specify when ordering).

These doors shall be mounted in a 46" wide door frame and shall be interchangeable with any 46" wide wall panel, thereby allowing placement to fit almost any job-site requirement.

NOTE: Freezer door frame price includes one (1) each 3" diameter heated pressure relief port, factory mounted.

G. WARRANTY

Parts are covered for one year, labor for one year, the compressor for one year (optional four year extended warranty available) and walk-in panels for 10 years.

H. EXCLUSION

Any deviation from these specifications and listed walk-in sizes does not qualify for this program, and is subject to Master-Bilt standard lead time.

Please consult factory for lead-times on other walk-in sizes or specifications.

Master-Bilt reserves the right to discontinue this program without notice. All specifications are subject to change without notice.

PRS-2 Walk-in/Refrigeration Packages

WALK-IN CONFIGURATION	LIST PRICE	ACTUAL SIZE	FLOOR TYPE	BTUH REQUIRED*	MATCHING PRS-2 UNIT	ROOF PANEL OPENING SIZE (in.)	SHIP WEIGHT (PANELS PLUS REFRIGERATION SYSTEM) LB/KG
INDOOR COOLERS							
720606PA	\$11,289	5'10" x 5'10" x 7'2"	Less Floor	2707	PHHZ0050A	22 ¹ / ₂ x 20 ⁵ / ₁₆	948/431
720608PA	\$12,560	5'10" x 7'9" x 7'2"	Less Floor	3528	PHHZ0050A	22 ¹ / ₂ x 20 ⁵ / ₁₆	1097/499
720610PA	\$13,191	5'10" x 9'8" x 7'2"	Less Floor	4050	PHHZ0050A	22 ¹ / ₂ x 20 ⁵ / ₁₆	1247/567
720808PA	\$13,519	7'9" x 7'9" x 7'2"	Less Floor	4277	PHHZ0050A	22 ¹ / ₂ x 20 ⁵ / ₁₆	1262/574
720810PB	\$14,358	7'9" x 9'8" x 7'2"	Less Floor	5007	PHHZ0070B	33 ³ / ₄ x 20 ⁵ / ₁₆	1550/705
720812PB	\$15,364	7'9" x 11'7" x 7'2"	Less Floor	5634	PHHZ0070B	33 ³ / ₄ x 20 ⁵ / ₁₆	1714/779
721010PB	\$14,753	9'8" x 9'8" x 7'2"	Less Floor	5835	PHHZ0070B	33 ³ / ₄ x 20 ⁵ / ₁₆	1726/785
760606PA	\$12,612	5'10" x 5'10" x 7'6"	With Floor	2497	PHHZ0050A	22 ¹ / ₂ x 20 ⁵ / ₁₆	1118/508
760608PA	\$14,400	5'10" x 7'9" x 7'6"	With Floor	3248	PHHZ0050A	22 ¹ / ₂ x 20 ⁵ / ₁₆	1323/601
760610PA	\$15,205	5'10" x 9'8" x 7'6"	With Floor	3700	PHHZ0050A	22 ¹ / ₂ x 20 ⁵ / ₁₆	1529/695
760808PA	\$15,595	7'9" x 7'9" x 7'6"	With Floor	3904	PHHZ0050A	22 ¹ / ₂ x 20 ⁵ / ₁₆	1562/710
760810PB	\$16,494	7'9" x 9'8" x 7'6"	With Floor	4541	PHHZ0050A	22 ¹ / ₂ x 20 ⁵ / ₁₆	1800/818
760812PB	\$18,360	7'9" x 11'7" x 7'6"	With Floor	5074	PHHZ0070B	33 ³ / ₄ x 20 ⁵ / ₁₆	2163/983
761010PB	\$17,365	9'8" x 9'8" x 7'6"	With Floor	5252	PHHZ0070B	33 ³ / ₄ x 20 ⁵ / ₁₆	2196/998
OUTDOOR COOLERS							
720606TB	\$12,300	5'10" x 5'10" x 7'2"	Less Floor	2707	PHHZ0050AT	22 ¹ / ₂ x 20 ⁵ / ₁₆	1020/464
720608TB	\$13,688	5'10" x 7'9" x 7'2"	Less Floor	3528	PHHZ0050AT	22 ¹ / ₂ x 20 ⁵ / ₁₆	1169/531
720610TB	\$14,317	5'10" x 9'8" x 7'2"	Less Floor	4050	PHHZ0050AT	22 ¹ / ₂ x 20 ⁵ / ₁₆	1319/600
720808TB	\$14,709	7'9" x 7'9" x 7'2"	Less Floor	4277	PHHZ0050AT	22 ¹ / ₂ x 20 ⁵ / ₁₆	1334/606
720810TB	\$15,847	7'9" x 9'8" x 7'2"	Less Floor	5007	PHHZ0070BT	33 ³ / ₄ x 20 ⁵ / ₁₆	1605/730
720812TB	\$16,988	7'9" x 11'7" x 7'2"	Less Floor	5634	PHHZ0070BT	33 ³ / ₄ x 20 ⁵ / ₁₆	1769/804
721010TB	\$16,234	9'8" x 9'8" x 7'2"	Less Floor	5835	PHHZ0070BT	33 ³ / ₄ x 20 ⁵ / ₁₆	1784/811
760606TB	\$13,623	5'10" x 5'10" x 7'6"	With Floor	2497	PHHZ0050AT	22 ¹ / ₂ x 20 ⁵ / ₁₆	1190/541
760608TB	\$15,528	5'10" x 7'9" x 7'6"	With Floor	3248	PHHZ0050AT	22 ¹ / ₂ x 20 ⁵ / ₁₆	1395/634
760610TB	\$16,331	5'10" x 9'8" x 7'6"	With Floor	3700	PHHZ0050AT	22 ¹ / ₂ x 20 ⁵ / ₁₆	1601/728
760808TB	\$16,785	7'9" x 7'9" x 7'6"	With Floor	3904	PHHZ0050AT	22 ¹ / ₂ x 20 ⁵ / ₁₆	1634/743
760810TB	\$17,700	7'9" x 9'8" x 7'6"	With Floor	4541	PHHZ0050AT	22 ¹ / ₂ x 20 ⁵ / ₁₆	1872/851
760812TB	\$19,987	7'9" x 11'7" x 7'6"	With Floor	5074	PHHZ0070BT	33 ³ / ₄ x 20 ⁵ / ₁₆	2218/1008
761010TB	\$18,846	9'8" x 9'8" x 7'6"	With Floor	5252	PHHZ0070BT	33 ³ / ₄ x 20 ⁵ / ₁₆	2251/1023
INDOOR FREEZERS**							
760606PF	\$13,877	5'10" x 5'10" x 7'6"	With Floor	2689	PHXZ0125B	30 ⁷ / ₈ x 25 ³ / ₈	1361/619
760608PF	\$16,705	5'10" x 7'9" x 7'6"	With Floor	3438	PHXZ0150B	30 ⁷ / ₈ x 25 ³ / ₈	1660/755
760610PF	\$17,510	5'10" x 9'8" x 7'6"	With Floor	4188	PHXZ0150B	30 ⁷ / ₈ x 25 ³ / ₈	1866/848
760808PF	\$17,900	7'9" x 7'9" x 7'6"	With Floor	4389	PHXZ0150B	30 ⁷ / ₈ x 25 ³ / ₈	1899/863
760810PF	\$19,135	7'9" x 9'8" x 7'6"	With Floor	5063	PHXZ0200B	30 ⁷ / ₈ x 25 ³ / ₈	2253/1024
760812PF	\$21,255	7'9" x 11'7" x 7'6"	With Floor	5512	PHXZ0201B	30 ⁷ / ₈ x 25 ³ / ₈	2131/969
761010PF	\$20,260	9'8" x 9'8" x 7'6"	With Floor	5681	PHXZ0201B	30 ⁷ / ₈ x 25 ³ / ₈	2164/984
OUTDOOR FREEZERS**							
760606TF	\$15,008	5'10" x 5'10" x 7'6"	With Floor	2689	PHXZ0125BT	30 ⁷ / ₈ x 25 ³ / ₈	1382/628
760608TF	\$18,189	5'10" x 7'9" x 7'6"	With Floor	3438	PHXZ0150BT	30 ⁷ / ₈ x 25 ³ / ₈	1700/773
760610TF	\$18,992	5'10" x 9'8" x 7'6"	With Floor	4188	PHXZ0150BT	30 ⁷ / ₈ x 25 ³ / ₈	1906/953
760808TF	\$19,449	7'9" x 7'9" x 7'6"	With Floor	4389	PHXZ0150BT	30 ⁷ / ₈ x 25 ³ / ₈	1939/881
760810TF	\$20,587	7'9" x 9'8" x 7'6"	With Floor	5063	PHXZ0200BT	30 ⁷ / ₈ x 25 ³ / ₈	2053/933
760812TF	\$22,944	7'9" x 11'7" x 7'6"	With Floor	5512	PHXZ0201BT	30 ⁷ / ₈ x 25 ³ / ₈	2212/1005
761010TF	\$21,804	9'8" x 9'8" x 7'6"	With Floor	5681	PHXZ0201BT	30 ⁷ / ₈ x 25 ³ / ₈	2245/1020

*Coolers were designed for 35°F room temp with 90°F ambient and 100°F temp at condensing unit. Less floor coolers assumed no insulation under floor slab. Freezers were designed for -10°F room temp with 90°F ambient and 100°F temp at condensing unit location.

**All freezer doors include a standard pressure relief port.

Choice of 26", 30" or 36" wide doors available on indoor and outdoor models. Specify door width and swing when ordering.

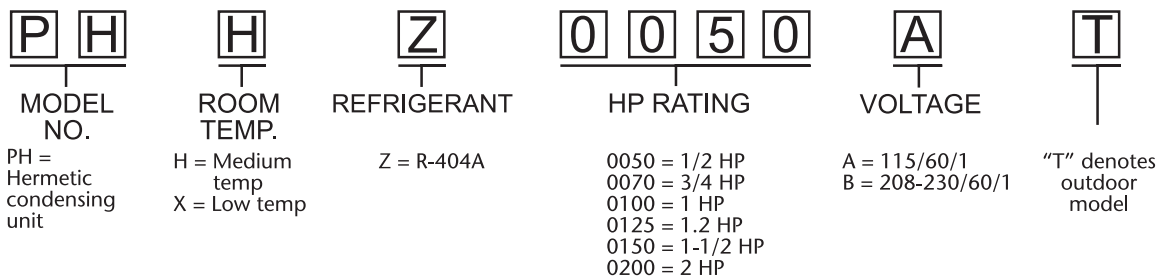
See p. 61 for extended four year compressor warranty pricing.

PRS-2 Refrigeration System Specifications

PRS-2 MODEL*	BTUH @ 90°F -10°F BOX TEMP	BTUH @ 90°F 35°F BOX TEMP	REFG. TYPE	DIMENSIONS SEE FIGURE...	HP	ELECTRICAL DATA					NEMA PLUG TYPE	SHIP WT. LB/KG
						MCA	MOP	RLA	LRA	VOLTAGE		
COOLER SYSTEMS												
PHHZ0050A	N/A	4662	R-404A	A	1/2	14	20	11.7	51.0	115/60/1	5-20P	230/105
PHHZ0050AT	N/A	4662	R-404A	A	1/2	15	20	12.1	51.0	115/60/1	N/A	275/125
PHHZ0070B	N/A	6409	R-404A	B	3/4	12	15	10.0	37.0	208-230/60/1	6-20P	320/145
PHHZ0070BT	N/A	6409	R-404A	B	3/4	12	15	10.2	37.0	208-230/60/1	N/A	360/164
FREEZER SYSTEMS												
PHXZ0125B	3000	N/A	R-404A	C	1.2	11	15	9.1	46.0	208-230/60/1	N/A	465/211
PHXZ0125BT	3000	N/A	R-404A	C	1.2	16	25	13.8	46.0	208-230/60/1	N/A	510/232
PHXZ0150B	6060	N/A	R-404A	C	1 1/2	17	25	11.4	59.0	208-230/60/1	6-20P	525/239
PHXZ0150BT	6060	N/A	R-404A	C	1 1/2	17	25	11.4	59.0	208-230/60/1	N/A	565/257
PHXZ0200B	6510	N/A	R-404A	C	2	17	25	11.4	59.0	208-230/60/1	6-20P	525/239
PHXZ0200BT	6510	N/A	R-404A	C	2	17	25	11.4	59.0	208-230/60/1	N/A	565/257
PHXZ0201B	7916	N/A	R-404A	C	2	18	20	11.2	87.0	208-230/60/1	N/A	611/278
PHXZ0201BT	7916	N/A	R-404A	C	2	17	20	11.0	87.0	208-230/60/1	N/A	691/314

*Outdoor models denoted with a "T" suffix. See chart below.

Refrigeration System Nomenclature



Refrigeration System Dimensions

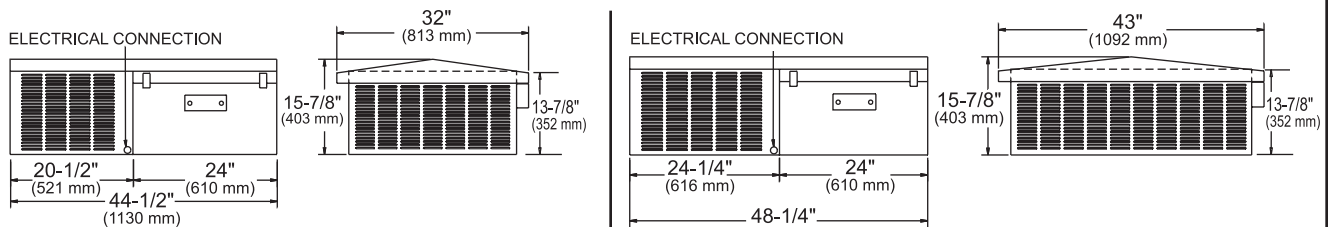


Figure A

Figure B

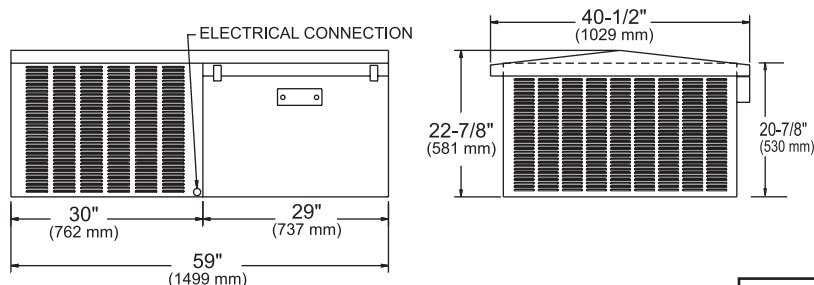


Figure C

Consult Factory For Agency Listings

CM/CL SERIES STEP-INS

Ships
In **5** Business
Days



CM/CL Series Step-ins

SELF-CONTAINED (For indoor use only)

MODEL	LIST PRICE	DIMENSIONS (In Inches)			VOLTS	AMPS	NEMA PLUG TYPE	UNIT H.P.	CAP. CU. FT.	SHIP CU. FT.	SHIP WT. LB/KG
		L	D	H*							
COOLERS											
CM-3-50	\$6754	62	49	88 ¹³ / ₁₆	115	10.3	5-15P	1/2	95.0	165.0	841/381
CM-156-50	\$11,804	70	70	92 ³ / ₄	115	10.3	5-15P	1/2	156.0	182.5	1110/503
CM-156-75	\$13,433	70	70	92 ³ / ₄	115	13.8	5-20P	3/4	156.0	182.5	1135/515
FREEZERS											
CL-5-75	\$8633	62	49	88 ¹³ / ₁₆	115	18.7	Hardwire	3/4	95.0	165.0	891/404
CL-5-100	\$9145	62	49	88 ¹³ / ₁₆	115/208-230	1.3/12.1	Hardwire	1	95.0	165.0	896/406
CL-156-100	\$14,304	70	70	92 ³ / ₄	115/208-230	1.6/8.5	Hardwire	1	156.0	182.5	1150/522
CL-156-200	\$15,951	70	70	96 ¹ / ₄	115/208-230	1.6/18.1	Hardwire	2	156.0	182.5	1190/540

*Height includes refrigeration unit mounted in roof panel.

REMOTE (Less condensing unit)*

MODEL	LIST PRICE	STEP-IN AMP DRAW					STANDARD CONDENSING UNIT	HEAVY-DUTY CONDENSING UNIT
		115V			208-230V	230V		
		LIGHTS	CASE HEATERS	EVAP. FANS	EVAP. FANS	DEFROST		
MEDIUM TEMP								
CM-3R	\$4883	0.5	0.5	0.45	N/A	N/A	MHHX0111†	MHHX0151†
CM-156R	\$9886	0.5	0.8	0.45	N/A	N/A	MHHX0111†	MHHX0151†
LOW TEMP								
CL-5R	\$5709	0.5	0.5	N/A	0.2	3.9	MHLZ0071†	MHLZ0091†
CL-156R	\$10,525	0.5	0.8	N/A	0.5	3.9	MHLZ0091†	MHLZ0121†

*Remote condensing units sized for 100°F ambient. Consult factory for higher ambient conditions.

†Indicate suffix "B" for one phase or "C" for three phase.

REMOTE CONDENSING UNIT SPECIFICATIONS (Standard features listed on p. 50)*

MODEL	LIST PRICE	VOLTAGE	REFRIG.	BTU RATING AT +25°F SUCTION +35°F CABINET*	BTU RATING AT -10°F SUCTION 0°F CABINET*	BTU RATING AT -20°F SUCTION -10°F CABINET*	BTU RATING AT -30°F SUCTION -20°F CABINET*	ELECTRICAL		SHIP WT. LB/KG
								MCA	MOP	
MHHX0111B	\$3158	208-230/60/1	R-22	9116	N/A	N/A	N/A	20	20	170/77
MHHX0111C	\$3269	208-230/60/3	R-22	9227	N/A	N/A	N/A	20	20	170/77
MHHX0151B	\$3733	208-230/60/1	R-22	12,864	N/A	N/A	N/A	19	25	240/109
MHHX0151C	\$3974	208-230/60/3	R-22	13,089	N/A	N/A	N/A	20	20	240/109
MHLZ0071B	\$3410	208-230/60/1	R-404A	N/A	7988	5938	4032	18	30	250/114
MHLZ0071C	\$3372	200-230/60/3	R-404A	N/A	7717	5722	3962	13	20	250/114
MHLZ0091B	\$4087	208-230/60/1	R-404A	N/A	12,480	9133	6193	26	40	260/118
MHLZ0091C	\$3982	200-230/60/3	R-404A	N/A	12,314	9230	6484	19	25	245/111
MHLZ0121B	\$4279	208-230/60/1	R-404A	N/A	15,035	11,559	8077	30	45	260/118
MHLZ0121C	\$4236	200-230/60/3	R-404A	N/A	14,963	11,596	8402	21	30	260/118

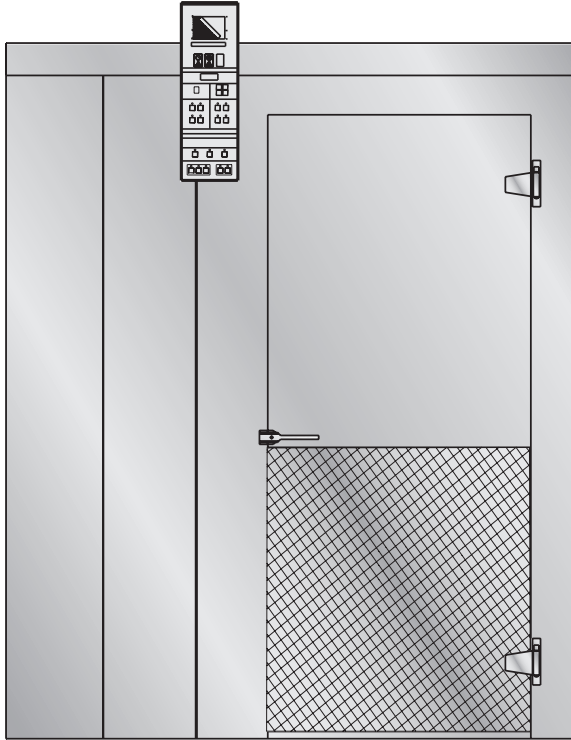
*BTUs rated at 90°F air entering condenser.

CM/CL SERIES Options

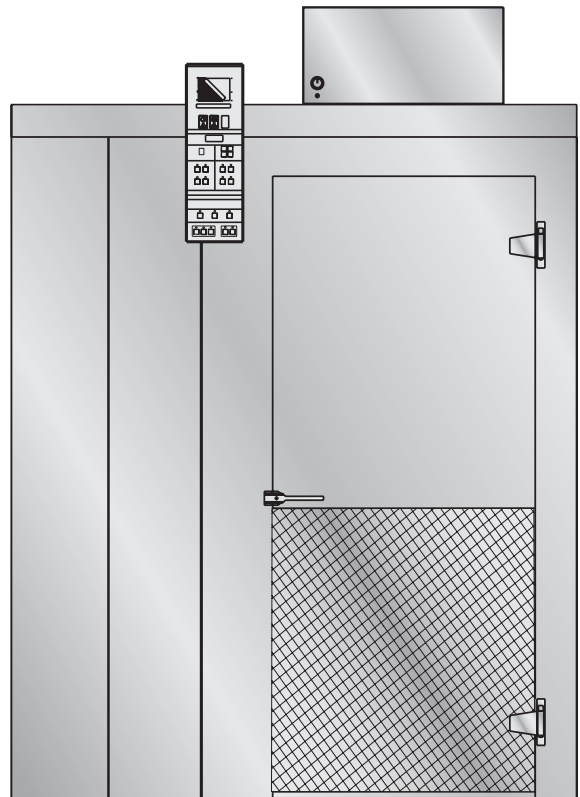
PART NO.	LIST PRICE	DESCRIPTION	SHIP WT. LB/KG
		SHELVING - 3 TIER, 3 WALL	
33-01375	\$1490	For CM-3 or CL-5	80/36
33-01425	\$1638	For CM-156 or CL-156	140/64
		ELECTRIC CONDENSATE EVAPORATOR	
17-00547	\$125	For all CM/CL models	5/2

See p. 61 for extended four year compressor warranty pricing.

ROLL-IN & PASS-THRU BLAST CHILLERS



Master-Chill™
MCR-33-101 &
MCR-33-102 Series



Rota-Chill™
34-101 & 34-102 Series

Consult factory for Master-Chill & Rota-Chill pricing.

Roll-In & Pass-Thru Blast Chillers

Both Master-Chill and Rota-Chill models are equipped with the same features detailed below except for the patented carousel in Rota-Chill models which rotates the food rack for quicker chilling

STANDARD FEATURES

- 4" thick panels with polyurethane foamed-in-place insulation
- Smooth stainless steel interior wall finish
- Stucco stainless steel exterior finish
- High velocity forced air convection through evaporator coil
- Full-length evaporator coil and vertical fan tower provide evenly distributed cooling
- Interior light
- Recording thermometer for blast chiller ambient air temperature (requires printer to have record)
- Food temperature probes with sequential readout display (four in roll-in model, eight in pass-thrus)
- Automatic chill cycle control
- 30" x 78" flush mounted polyurethane foamed door with magnetic gasket
- 36" high 16 ga. stainless steel kickplate on door exterior
- Choice of air-cooled remote refrigeration system sized for pull down time required
- Water-cooled refrigeration system available
- Surface exterior mounted control panel

and even cold air distribution. The control panel on Rota-Chill models also features rotation and manual defrost switches.

- Microprocessor control system enclosed in easily accessible box
- Digital readout of interior ambient temperature and probe temperatures
- Digital cycle timer
- Automatic defrost and hold cycles
- Audible alarm at end of chilling cycle
- Standard stainless steel racks provided (one in roll-in models, two in pass-thrus)
- Each rack accommodates 26 pans, 12" x 20" x 2¹/₂", two per each of 13 ledges
- 4¹/₂" rack ledge spacing
- Maximum rack load of 260 lbs. or 10 lbs. per pan
- Standard limited one year extended compressor (optional extended four year available), one year limited parts, limited 10 year panel

OPTIONS

- Correctional package
- Additional pan rack
- Wire shelves for fractional size pans
- UV light kits
- Printer to record time and product temperature



Stainless steel pan racks are capable of holding 260 lbs. of food.



Full-length vertical fans provide evenly distributed cooling.

READY-BILT WALK-INS



Factory Pre-assembled With No Field Installation Needed

Ready-Bilt Walk-ins

Ready-Bilt walk-ins are completely pre-assembled at the factory and ready to set in place at the job site. Structures arrive at the site typically on a gooseneck truck and, depending on size and customer preference, lifted into place by crane, boom-lift or forklift. The refrigeration system(s) is already

installed and the entire walk-in is fully tested before shipping. All you have to do is provide electricity for the single source hook-up (one per refrigeration system). Each Ready-Bilt walk-in is UL-listed as an entire package, not just for individual components, facilitating electrical inspections.

STANDARD FEATURES

- Single or double compartment models available
- Available in a variety of lengths and widths
- Four-inch thick foamed-in-place polyurethane panels with cam-locking mechanisms
- Interior and exterior panel finish of 26 gauge stucco galvalume
- Heavy-duty door containing:
 - A heavy-gauge, Z-shaped structural inner frame with a full length quarter-inch thick steel hinge backing plate
 - Inner heater wires lining the perimeter (two wires provided for freezer doors)
- Standard deadbolt locking handle with inside safety release
- Choice of 26" x 78", 30" x 78" or 36" x 78" door sizes
- Heavy-duty door closure
- Dial thermometer
- Door drip guard
- NSF-listed .080 textured finish aluminum floor for added slip-and-fall protection.
- Bands of aluminum treadplate for finishing trim around top and bottom of walk-in
- Weather-proof membrane roof to keep rain from collecting against the adjacent building
- Vapor-proof light
- Pre-installed refrigeration system(s) using either a remote M-Series system or a PRS-2 series packaged system depending on application
- Durable hard copper soldered piping on M-Series refrigeration systems
- Weather-proof light switch cover
- A warranty that covers walk-in panels for 10 years, parts and labor for one year and the compressor for one year (optional four year extended warranty available). Remote refrigeration system (if used) has a one-year parts and labor warranty, packaged systems have a one year parts and labor warranty.

OPTIONS

- Door kickplates
- Interior and exterior ramps
- Interior and exterior finish options include all those found in our custom walk-ins
- Fluorescent lighting
- Master Controller for M-Series refrigeration systems controls an electric expansion valve and replaces many mechanical components with ultra-efficient solid state technology. An LED interface controls diagnostic functions and allows convenient setting adjustments.
- Patented reverse cycle defrost (optional with Master Controller systems only)

CUSTOM WALK-INS



Custom Walk-ins

FLEXIBILITY IN APPLICATION AND SIZE

- Master-Bilt walk-ins can be custom-designed to fit any temperature sensitive situation
- From a minimum 6' x 6' size up to 10,000 square foot warehouses, practically any size or shape is possible
- Coolers, freezers and combination units available

PANELS

- Standard panels are four inches thick with optional five-inch and six-inch thicknesses available
- Standard panel finish is 26 gauge stucco galvalume with a wide variety of optional finishes available
- Cam-locking system, together with tongue and groove construction and sealing gaskets, provides an accurate, tight fit between panels
- Panels foamed-in-place with polyurethane foam
- Highest R-value rating in the industry
- Standard floors are NSF approved with a .080 textured aluminum surface

ENTRY DOORS

- Master-Bilt's standard V-series entry doors are 78" in height with a standard width of 36"
- Optional door widths: 26", 30", 42", 48", 54" and 60"
- Standard deadbolt locking handle with inside safety release
- Optional heavy-duty door available with the following additional features:
 - A heavy-gauge, Z-shaped structural inner frame and full length quarter-inch thick steel hinge backing plate
 - Inner heater wires lining the perimeter (two wires provided for freezer doors)

REFRIGERATION SYSTEMS

- Custom-matched refrigeration systems include remote B-Series or M-Series condensing units with or without an evaporator coil
- Walk-in refrigeration can be integrated into an MRS multi-compressor or DRS dual compressor system
- PRS-2 series packaged refrigeration systems also available

OPTIONS (SEE PP. 59-66)

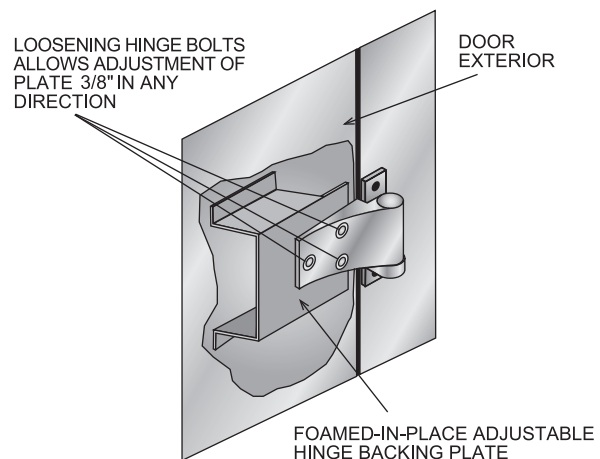
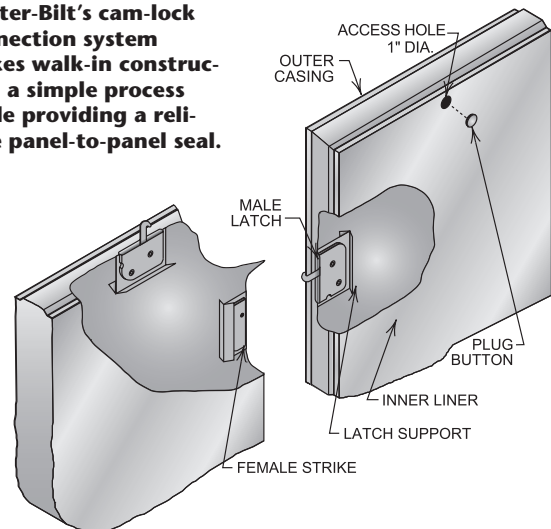
- Master Controller electronic controller for refrigeration systems
- Patented reverse cycle defrost (optional with Master Controller systems only)
- Steel panel straps that run the width of a panel with cam-locks welded to each end

- Stainless steel and welded wire shelving
- Interior and exterior ramps
- Third door hinges
- Strip curtains
- View windows
- Kickplates
- And many more!

SERVICE AND WARRANTY

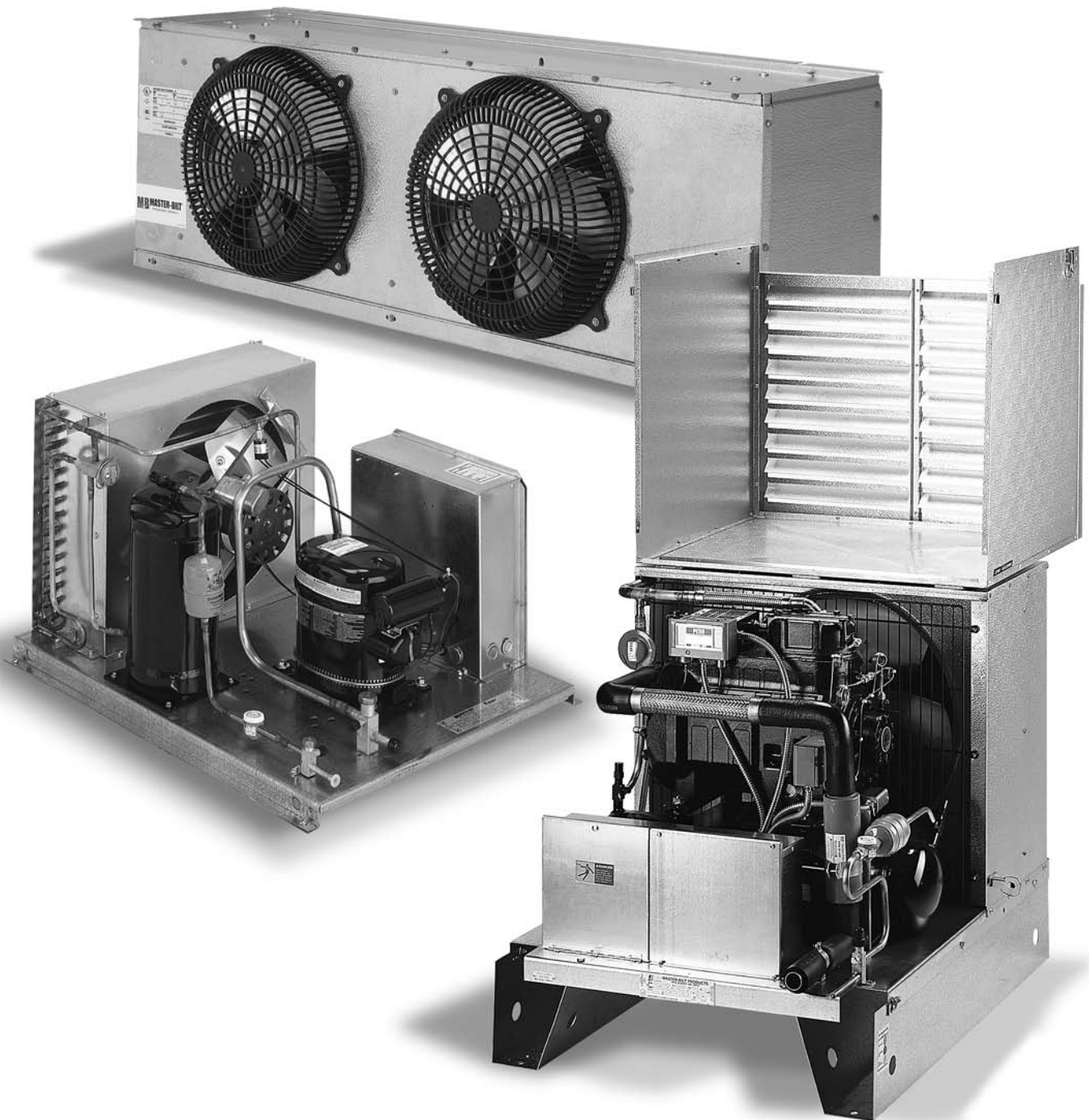
- Ten-year panel, one year parts and labor on the walk-in, remote refrigeration has a 90 day labor warranty, pre-charged or self contained systems have a one year parts and labor warranty. Refrigeration compressor has a one year warranty (optional extended four year warranty available)
- One of the industry's best networks of dealer/distributor service centers across the U.S. and abroad

Master-Bilt's cam-lock connection system makes walk-in construction a simple process while providing a reliable panel-to-panel seal.

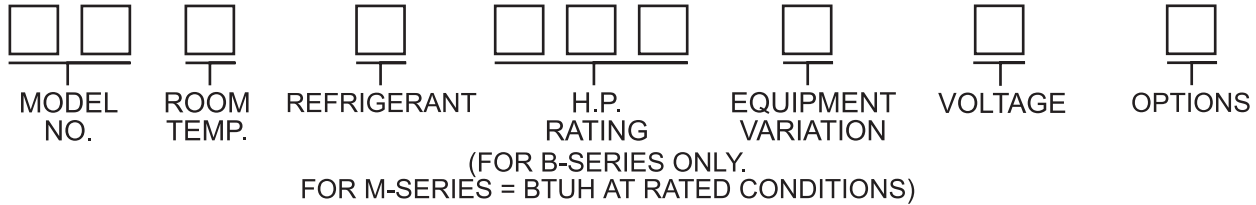


Unique adjustable hinge backing plates in every entry door ensure a proper fit during installation and allow for any necessary future adjustments without removal of the door or its frame.

REFRIGERATION SYSTEM SPECIFICATIONS



Master-Bilt Refrigeration Nomenclature



FOR EXAMPLE:



"X" = R-22 refrigerant "Z" = R-404A "Y" = R-134a

MODEL NUMBER EXPLANATION (CONVENTIONAL = ACCESSIBLE HERMETIC)

BC = Built-up Remote Conventional Condensing Unit MH = Hermetic Condensing Unit
 BH = Built-up Remote Hermetic Condensing Unit MS = Scroll Condensing Unit
 BS = Built-up Remote Scroll Condensing Unit MD = Discus Condensing Unit
 MC = Semi-hermetic Condensing Unit

ROOM TEMPERATURE EXPLANATION

H = +25° through +70° F. Room Temperature
 L = 0° F. through -20° F. Room Temperature

HORSEPOWER RATING EXPLANATION (NOTE: APPLIES TO B-SERIES ONLY)

028 = 3 H.P.	050 = 5 H.P.	100 = 10 H.P.	220 = 22 H.P.	350 = 35 H.P.
030 = 3 H.P.	060 = 6 H.P.	120 = 12 H.P.	250 = 25 H.P.	400 = 40 H.P.
035 = 3½ H.P.	075 = 7½ H.P.	150 = 15 H.P.	270 = 27 H.P.	
040 = 4 H.P.	090 = 9 H.P.	200 = 20 H.P.	300 = 30 H.P.	

BTU/HR RATING EXPLANATION (NOTE: APPLIES TO M-SERIES ONLY)

Room temp H = Nominal BTUH capacity @ 30° suction, 90° ambient (1000 multiplier)
 Room temp L = Nominal BTUH capacity @ -20° suction, 90° ambient (1000 multiplier)

EQUIPMENT VARIATION EXPLANATION

0 = Standard W = Water Cooled
 A = Plasma Units X = Special Applications
 D = Demand Cooling Y = Special Applications
 L = Large Condenser

VOLTAGE EXPLANATION

A = 115/60/1 F = 200-220/50/3
 B = 230/60/1 or 208-230/60/1 (As Applicable) G = 380-420/50/3
 C = 208-230/60/3 H = 208/60/1
 D = 460/60/1 J = 380/50/1
 E = 460/60/3 K = 200-220/50/1 or 220/50/1

OPTIONS EXPLANATION (NOTE: APPLIES TO B-SERIES ONLY)

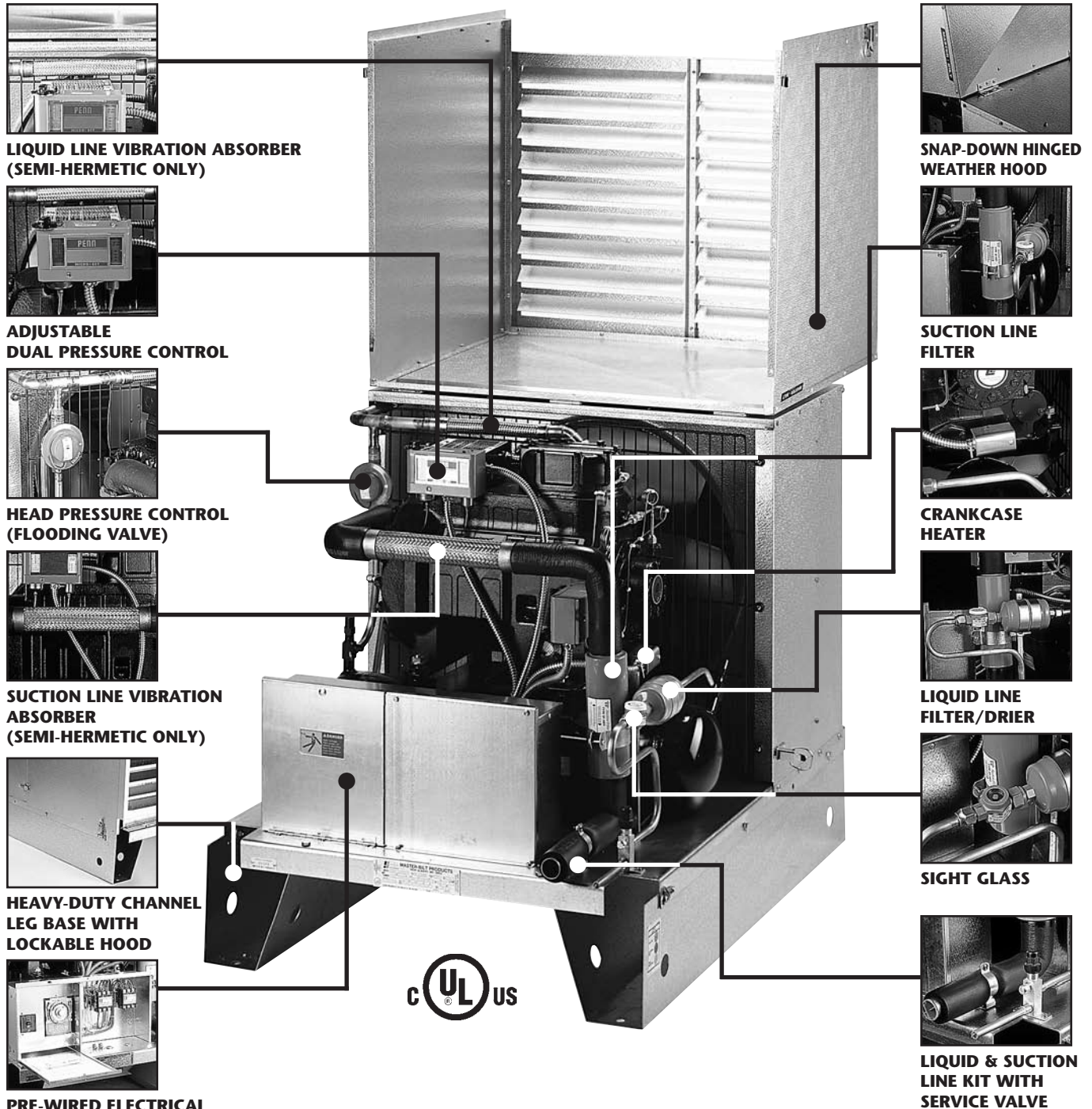
C = Coated Condenser Coil
 D = Coated Condenser Coil, Heated And Insulated Receiver
 L = Large Condenser

B-Series Built-Up Condensing Units

Master-Bilt offers one of the most complete condensing units in its built-up B-Series. These units are completely factory assembled on a galvanized steel base. Accessories are pre-wired and mounted, resulting in minimal field installation time. All that is required is electrical hookup,

pipng, connection, evacuation, leak testing and charging to become operational.

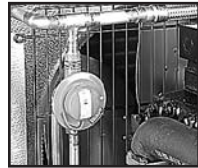
Master-Bilt's B-Series systems are available in hermetic, semi-hermetic and compliant scroll compressor models and range from 3 H.P. to 40 H.P.



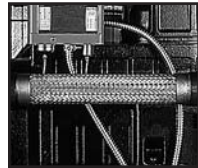
LIQUID LINE VIBRATION ABSORBER (SEMI-HERMETIC ONLY)



ADJUSTABLE DUAL PRESSURE CONTROL



HEAD PRESSURE CONTROL (FLOODING VALVE)



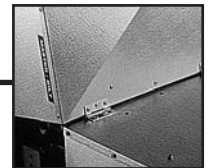
SUCTION LINE VIBRATION ABSORBER (SEMI-HERMETIC ONLY)



HEAVY-DUTY CHANNEL LEG BASE WITH LOCKABLE HOOD



PRE-WIRED ELECTRICAL CONTROL PANEL WITH TIMER AND CIRCUIT BREAKER OR FUSE BLOCK



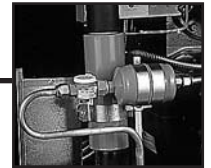
SNAP-DOWN HINGED WEATHER HOOD



SUCTION LINE FILTER



CRANKCASE HEATER



LIQUID LINE FILTER/DRIER



SIGHT GLASS



LIQUID & SUCTION LINE KIT WITH SERVICE VALVE



Above components pictured are typical with the model BCLZ0300C condensing unit. Components may vary depending on horsepower and application. Consult factory for verification of standard and optional supplied components.

REFRIGERATION SYSTEMS

B-Series Medium Temperature Specifications

R-22 SEMI-HERMETIC CONDENSING UNITS

COND. UNIT MODEL*	H.P.	COMPRESSOR MODEL	BTUH @ 25°F SUCTION TEMP. 90°F AMBIENT	UNIT CONNECTION SIZES		BASE SIZE†	RECEIVER PUMP DOWN CAP. @ 90%	SHIP WT. (LB/KG)	MCA††	MOP††	RLA††	LRA††
				LIQUID	SUCTION							
BCHX0300B	3	ERF2-0310-CAB	26,000	5/8	1 ¹ / ₈	C	47.6	505/230	25	40	17.0	86.0
BCHX0300C	3	ERF1-0310-TAC	26,000	5/8	1 ¹ / ₈	C	47.6	505/230	19	30	12.4	82.0
BCHX0500C	5	2DC3-050E-TFC	39,576	5/8	1 ³ / ₈	C	47.6	600/273	34	50	22.3	120.0
BCHX0750C	7 ¹ / ₂	2DA3-075E-TFC	70,260	5/8	1 ³ / ₈	E	92.8	870/395	47	70	32.0	169.0
BCHX1000C	10	3DB3-100E-TFC	102,088	7/8	1 ³ / ₈	F	133.0	990/450	64	100	43.6	215.0
BCHX1500C	15	3DS3-150E-TFC	128,702	7/8	1 ⁵ / ₈	F	133.0	1010/459	84	125	59.6	275.0
BCHX2500C	25	4DH3-2500-TSK	196,176	1 ³ / ₈	2 ¹ / ₈	P	133.0	1730/786	118	175	82.2	428.0
BCHX3000C	30	4DJ3-3000-TSK	232,187	1 ³ / ₈	2 ¹ / ₈	R	133.0	1740/791	140	225	94.0	470.0
BCHX3500C	35	6DH3-3500-TSK	275,792	1 ⁵ / ₈	2 ¹ / ₈	R	180.0	1810/823	156	250	107.0	565.0
BCHX4000C	40	6DJ3-4000-TSN	336,116	1 ⁵ / ₈	2 ¹ / ₈	R	180.0	1940/882	200	300	142.0	594.0

R-22 HERMETIC CONDENSING UNITS

COND. UNIT MODEL*	H.P.	COMPRESSOR MODEL	BTUH @ 25°F SUCTION TEMP. 90°F AMBIENT	UNIT CONNECTION SIZES		BASE SIZE†	RECEIVER PUMP DOWN CAP. @ 90%	SHIP WT. (LB/KG)	MCA††	MOP††	RLA††	LRA††
				LIQUID	SUCTION							
BHXX0300B	3	CR41KQ-PFV	26,966	1/2	7/8	C	47.6	405/184	28	45	19.4	109.6
BHXX0300C	3	CR41KQ-TF5	26,966	1/2	7/8	C	47.6	405/184	20	30	13.1	80.0
BHXX0400B	4	CRM3-0400-PFV	34,661	5/8	7/8	C	47.6	510/232	40	60	29.0	140.0
BHXX0400C	4	CRM3-0400-TF5	34,661	5/8	7/8	C	47.6	510/232	26	40	18.0	107.0
BHXX0500B	5	CRN5-0500-PFV	42,307	5/8	7/8	C	47.6	520/236	49	80	34.3	142.0
BHXX0500C	5	CRN5-0500-TF5	42,307	5/8	7/8	C	47.6	520/236	32	50	21.4	130.0

NOTES:

- Consult factory for R-134a and R-404A applications.
- Semi-hermetic medium temp units are shipped with P.O.E. oil, which is compatible with optional refrigerants (contact factory for details).

*VOLTAGE KEY:

- "B" suffix = 208-230 or 230 volt, 60 cycle, one phase
- "C" suffix = 200-230 or 208-230 volt, 60 cycle, three phase

†See pp. 56-58 for unit base drawings.

††Electrical ratings for condensing unit only. See National Electrical Code if units are combined on a single circuit.

B-Series Medium Temperature Specifications

MATCHING EVAPORATOR COILS FOR R-22 SEMI-HERMETIC CONDENSING UNITS

EVAPORATOR MODEL*	UNIT PART NO.	BTUH @ SUCTION TEMP. 25°F**	NO. FANS†	DIMENSIONS (INCHES)†			SHIP WT. (LB/KG)†	FAN AMPS	DEFROST AMPS
				L	W	H			
E1HX0300A	IFA36-305A	36,600	3	76	19	19	320/145	6.0	NOT APPLICABLE
E1HX0300B	IFA36-305D	36,600	3	76	19	19	320/145	2.7	
E1HX0450B	IFA36-490D	58,800	3	106	20	25	415/189	9.6	
E1HX1100C	PAM4-1100E	132,000	4	137	30	51	830/377	11.1	
E1HX1100C	PAM4-1100E	132,000	4	137	30	51	830/377	11.1	
E1HX1400C	PAM4-1320E	158,400	4	137	30	51	885/402	11.1	
E1HX2200C	PAM6-2480E	297,600	6	197	30	51	1365/620	14.6	
E1HX1100C (2)††	PAM4-1100E	264,000 (total)	4	137	30	51	830/377	11.1	
E1HX1400C (2)††	PAM4-1320E	316,800 (total)	4	137	30	51	885/402	11.1	
E1HX1610C (2)††	PAM4-1656E	397,440 (total)	4	137	30	51	910/414	11.1	

MATCHING EVAPORATOR COILS FOR R-22 HERMETIC CONDENSING UNITS

EVAPORATOR MODEL*	UNIT PART NO.	BTUH @ SUCTION TEMP. 25°F**	NO. FANS†	DIMENSIONS (INCHES)†			SHIP WT. (LB/KG)	FAN AMPS	DEFROST AMPS
				L	W	H			
E1HX0300A	IFA36-305A	36,600	3	76	19	19	320/145	6.0	N/A
E1HX0300B	IFA36-305D	36,600	3	76	19	19	320/145	2.7	
E1HX0450A	IFA36-490A	58,800	3	106	20	25	415/189	21.3	
E1HX0450A	IFA36-490A	58,800	3	106	20	25	415/189	21.3	
E1HX0450A	IFA36-490A	58,800	3	106	20	25	415/189	21.3	
E1HX0450B	IFA36-490D	58,800	3	106	20	25	415/189	9.6	

***VOLTAGE KEY:**

"A" suffix = 115 volt, 60 cycle, one phase

"B" suffix = 208-230 or 230 volt, 60 cycle, one phase

"C" suffix = 208-230 volt, 60 cycle, three phase

**Based on 12° T.D.

†No. of fans, dimensions and weights are per evaporator.

††Evaporator models followed by a number in parentheses indicates that multiple coils are necessary.

B-Series Low Temperature Specifications

R-404A SEMI-HERMETIC CONDENSING UNITS

COND. UNIT MODEL*	H.P.	COMPRESSOR MODEL	BTUH @ -20°F SUCTION TEMP. 90°F AMBIENT	UNIT CONNECTION SIZES		BASE SIZE†	RECEIVER PUMP DOWN CAP. @ 90%	SHIP WT. (LB/KG)	MCA††	MOP††	RLA††	LRA††
				LIQUID	SUCTION							
BCLZ0280B	3	LALB-032E-CAB	15,529	5/8	1 ¹ / ₈	C	41.5	505/230	32	40	15.0	105.0
BCLZ0280C	3	LALA-032E-TAC	15,529	5/8	1 ¹ / ₈	C	41.5	505/230	32	35	12.6	112.0
BCLZ0300C	3	2DF3-030E-TFC	18,469	5/8	1 ³ / ₈	C	41.5	505/230	32	45	16.8	102.0
BCLZ0400C	4	2DL3-040E-TFC	21,531	5/8	1 ³ / ₈	C	41.5	530/230	44	60	26.3	161.0
BCLZ0600C	6	2DB3-060E-TFC	26,466	5/8	1 ³ / ₈	C	41.5	560/255	46	70	28.2	161.0
BCLZ0750C	7 ¹ / ₂	3DB3-075E-TFC	37,322	7/8	1 ³ / ₈	D	53.4	730/332	55	80	31.5	161.0
BCLZ1000C	10	3DS3-100E-TFC	50,630	7/8	1 ³ / ₈	E	80.8	880/400	71	100	42.0	215.0
BCLZ1500C	15	4DL3-150E-TSK	70,782	7/8	1 ⁵ / ₈	F	116.1	990/450	90	125	52.6	278.0
BCLZ2200C	22	4DT3-220E-TSK	82,105	7/8	2 ¹ / ₈	F	116.1	1405/639	107	150	66.0	374.0
BCLZ2700C	27	6DL3-270E-TSK	108,351	1 ³ / ₈	2 ¹ / ₈	P	116.1	1730/786	136	200	80.8	450.0
BCLZ3000C	30	6DT3-300E-TSK	119,293	1 ³ / ₈	2 ¹ / ₈	P	116.1	1800/818	154	225	95.6	470.0

NOTE: model BCLZ0300C and up may be provided with optional R-22 demand cooling.

R-404A SCROLL CONDENSING UNITS

COND. UNIT MODEL*	H.P.	COMPRESSOR MODEL	BTUH @ -20°F SUCTION TEMP. 90°F AMBIENT	UNIT CONNECTION SIZES		BASE SIZE†	RECEIVER PUMP DOWN CAP. @ 90%	SHIP WT. (LB/KG)	MCA††	MOP††	RLA††	LRA††
				LIQUID	SUCTION							
BSLZ0300B	3	ZF09K4E-PFV	10,734	1/2	7/8	C	25.6	405/184	29	40	16.4	88.0
BSLZ0300C	3	ZF09K4E-TF5	10,734	1/2	7/8	C	25.6	405/184	23	30	11.1	77.0
BSLZ0350B	3 ¹ / ₂	ZF11K4E-PFV	12,873	1/2	7/8	C	25.6	450/205	35	50	20.7	109.0
BSLZ0350C	3 ¹ / ₂	ZF11K4E-TF5	12,873	1/2	7/8	C	25.6	450/205	26	35	13.6	88.0
BSLZ0400B	4	ZF13K4E-PFV	15,047	1/2	7/8	C	41.5	510/232	42	60	26.8	129.0
BSLZ0400C	4	ZF13K4E-TF5	15,047	1/2	7/8	C	41.5	510/232	32	40	15.0	99.0
BSLZ0500B	5	ZF15K4E-PFV	18,124	1/2	7/8	C	41.5	520/236	54	80	31.8	169.0
BSLZ0500C	5	ZF15K4E-TF5	18,124	1/2	7/8	C	41.5	520/236	39	50	21.4	123.0
BSLZ0600C	6	ZF18K4E-TF5	21,651	1/2	7/8	C	41.5	550/250	41	60	23.9	156.0

NOTES:

- Semi-hermetic medium temp units are shipped with P.O.E. oil, which is compatible with optional refrigerants (contact factory for details).
- Hermetic low temp units are shipped with P.O.E. oil, which is compatible with optional refrigerants (contact factory for details).

*VOLTAGE KEY:

- "B" suffix = 208-230 or 230 volt, 60 cycle, one phase
- "C" suffix = 200-230 or 208-230 volt, 60 cycle, three phase

†See pp. 56-58 for unit base drawings.

††Electrical ratings for condensing unit only. See National Electrical Code if units are combined on a single circuit.

B-Series Low Temperature Specifications

MATCHING EVAPORATOR COILS FOR R-404A SEMI-HERMETIC CONDENSING UNITS

EVAPORATOR MODEL*	UNIT PART NO.	BTUH @ SUCTION TEMP. -20°F**	NO. FANS	DIMENSIONS (INCHES)			SHIP WT. (LB/KG)	FAN AMPS	DEFROST AMPS
				L	W	H			
E1LZ0160B	SE46-164BD	16,000	4	82	15	16	140/64	4.0	17.4
E1LZ0160B	SE46-164BD	16,000	4	82	15	16	140/64	4.0	17.4
E1LZ0160B	SE46-164BD	16,000	4	82	15	16	140/64	4.0	17.4
E1LZ0240C	SE66-245BE	24,500	6	118	15	16	250/114	6.0	22.6
E1LZ0260C	IFE26-270E	27,000	2	76	20	25	320/145	6.4	17.0
E1LZ0390C	IFE36-385E	38,500	3	106	20	25	450/205	9.6	24.5
E1LZ0520C	IFE36-520E	52,000	3	106	20	25	535/243	9.6	24.5
E1LZ0722C	PEL4-722E	67,500	4	137	30	33	675/307	11.1	47.8
E1LZ0810C	PEL4-817E	76,400	4	137	30	33	726/330	11.1	47.8
E1LZ1020C	PEL4-1100E	102,900	4	137	30	51	885/402	11.6	71.3
E1LZ1200C	PEL4-1260E	117,800	4	137	30	51	895/407	11.1	71.3

MATCHING EVAPORATOR COILS FOR R-404A SCROLL CONDENSING UNITS

EVAPORATOR MODEL*	UNIT PART NO.	BTUH @ SUCTION TEMP. -20°F**	NO. FANS	DIMENSIONS (INCHES)			SHIP WT. (LB/KG)	FAN AMPS	DEFROST AMPS
				L	W	H			
E1LZ0090B	SE26-92BD	9200	2	46	15	16	74/34	2.0	8.7
E1LZ0090B	SE26-92BD	9200	2	46	15	16	74/34	2.0	8.7
E1LZ0120B	SE36-120BD	12,000	3	64	15	16	105/48	3.0	13.0
E1LZ0120B	SE36-120BD	12,000	3	64	15	16	105/48	3.0	13.0
E1LZ0160B	SE46-164BD	16,000	4	82	15	16	140/64	4.0	17.4
E1LZ0160B	SE46-164BD	16,000	4	82	15	16	140/64	4.0	17.4
E1LZ0160B	SE46-164BD	16,000	4	82	15	16	140/64	4.0	17.4
E1LZ0160B	SE46-164BD	16,000	4	82	15	16	140/64	4.0	17.4
E1LZ0240C	SE66-245BE	24,500	6	118	15	16	250/114	6.0	22.6

***VOLTAGE KEY:**

"A" suffix = 115 volt, 60 cycle, one phase

"B" suffix = 208-230 or 230 volt, 60 cycle, one phase

**Based on 10° T.D.

B-Series Components

STANDARD COMPONENTS

The B-Series units offer the most complete set of standard features (pre-wired and mounted except as noted)* These include:

- Liquid line and suction line vibration absorbers (eliminators) for semi-hermetic units only
- Adjustable dual pressure control
- Head pressure control (flooding valve)
- Corrosion-resistant hinged weather hood with lockable snap-down hood latch for easy installation and service access
- Suction line filter
- Heavy-duty 12 gauge galvanized steel legs
- Pre-wired electrical control panel with timer and circuit breaker or fuse block
- Crankcase heater
- Liquid line filter/drier
- Sight glass
- Liquid and suction line kit with service valve
- Liquid line solenoid valve (shipped loose)
- Timer
- Generously-sized condenser (for 105°F to 110°F ambient)
- Large liquid receiver (good for maximum 250 ft. line run)
- Defrost heater contactor (when required)
- Compressor contactor
- PSC fan motors
- One year limited compressor warranty

*Components may vary depending on horsepower and application. Consult our factory for verification of standard and optional components.

OPTIONALLY AVAILABLE (CONSULT FACTORY FOR PRICING)

- Water-cooled units
- Special voltages
- Condensing units above 40 H.P.
- Insulated and heated receiver (thermostatically controlled)
- Suction accumulator (shipped loose)
- R-22 demand cooling on Discus compressors
- Coated condenser coils
- Oil separator
- Phase loss/low voltage monitor
- Factory pre-assembled evaporator coil (includes factory pre-mounting of thermostatic air control and expansion valve)
- Pre-mounted solenoid at evaporator
- Master Controller electronic control system (see pp. 62-63 for details)
- Patented reverse cycle defrost (see p.64)
- Extended four year limited compressor warranty (see p. 61)

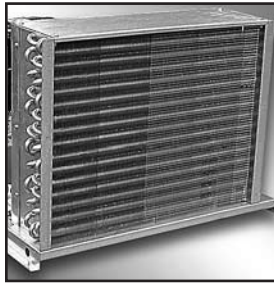
M-Series High Ambient Remote Condensing Units

Master-Bilt's M-Series is similar to the B-Series in components and options. However, M-Series models are specially designed to function in high temperature environments.

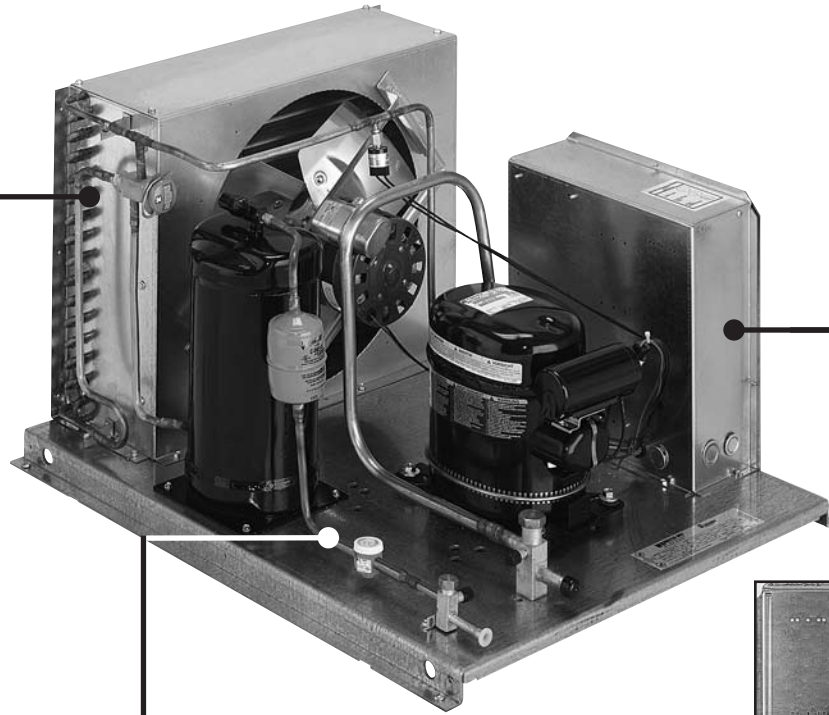
As with the B-Series, components are pre-wired and factory mounted. Package options on the basic standard remote unit include a factory pre-charged

system with quick-connect liquid and suction line sets up to 40 ft.

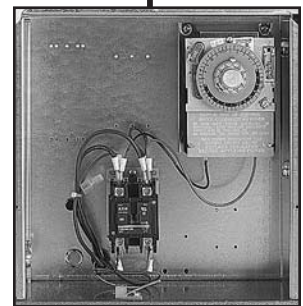
M-Series units are available in hermetic, compliant scroll and semi-hermetic compressor models, with or without matching evaporator coils. They are factory assembled on a galvanized steel angle leg base and range from 1/2 to 6 H.P.



**GENEROUSLY-SIZED
CONDENSER**



STANDARD PRE-PIPING



STANDARD PRE-WIRING

Components may vary depending on horsepower and application. Consult factory for verification of standard and optional supplied components.

M-Series Medium Temperature Specifications

R-22 SEMI-HERMETIC CONDENSING UNITS

COND. UNIT MODEL*	H.P.	COMPRESSOR MODEL	BTUH @ 25°F SUCTION TEMP. 90°F AMBIENT	UNIT CONNECTION SIZES		BASE SIZE†	RECEIVER PUMP DOWN CAP. @ 90%	SHIP WT. (LB/KG)	MCA††	MOP††	RLA††	LRA††
				LIQUID	SUCTION							
MCHX0061B	1/2	HAG2-0050-CAV	4441	3/8	5/8	M1	7.7	250/114	13	15	4.0	22.0
MCHX0081B	3/4	KAN2-0075-CAV	6561	3/8	5/8	M1	7.7	270/123	13	15	6.1	36.0
MCHX0081C	3/4	KAN1-0075-TAC	6501	3/8	5/8	M1	7.7	270/123	13	15	3.5	19.9
MCHX0111B	1	KAR2-0100-CAV	8954	3/8	5/8	M1	7.7	280/127	19	20	7.4	40.0
MCHX0111C	1	KAR1-0100-TAC	8676	3/8	5/8	M1	7.7	280/127	19	20	4.3	27.0
MCHX0151B	1 1/2	KAGB-0150-CAV	11,836	3/8	7/8	M2	11.4	320/145	23	25	9.6	55.0
MCHX0151C	1 1/2	KAGA-0150-TAC	11,989	3/8	7/8	M2	11.4	320/145	19	20	5.5	35.5
MCHX0191B	2	ERA2-0200-CAB	15,256	1/2	7/8	M2	11.4	450/204	23	25	10.4	58.0
MCHX0191C	2	ERA1-0200-TAC	15,256	1/2	7/8	M2	11.4	450/204	23	25	6.6	46.0
MCHX0301B	3	ERF2-0310-CAB	27,290	1/2	7/8	M3	15.2	500/227	38	45	17.0	86.0
MCHX0301C	3	ERF1-0310-TAC	27,094	1/2	7/8	M3	15.2	500/227	32	35	12.4	82.0
MCHX0441C	4	NRB2-0400-TFC	38,943	5/8	1 1/8	M5	22.1	550/250	44	55	21.8	141.0
MCHX0501C	5	NRA2-0500-TFC	44,944	5/8	1 1/8	M5	22.1	580/264	44	50	19.2	141.0

R-22 HERMETIC CONDENSING UNITS

COND. UNIT MODEL*	H.P.	COMPRESSOR MODEL	BTUH @ 25°F SUCTION TEMP. 90°F AMBIENT	UNIT CONNECTION SIZES		BASE SIZE†	RECEIVER PUMP DOWN CAP. @ 90%	SHIP WT. (LB/KG)	MCA††	MOP††	RLA††	LRA††
				LIQUID	SUCTION							
MHHX0061B	1/2	ART69C1-IAV	5383	3/8	5/8	M1	7.8	230/105	13	15	6.4	34.0
MHHX0081B	3/4	RS47C2-IAV	6749	3/8	5/8	M1	7.8	240/109	13	20	7.1	35.5
MHHX0111B	1	RS70C1-PFV	9116	3/8	5/8	M1	7.8	170/77	20	20	7.0	34.2
MHHX0111C	1	RS70C1-TFC	9227	3/8	5/8	M1	7.8	170/77	20	20	4.7	31.0
MHHX0151B	1 1/2	CR18KQ-PFV	12,864	3/8	7/8	M2	11.4	240/109	19	25	9.0	41.0
MHHX0151C	1 1/2	CR18KQ-TF5	13,089	3/8	7/8	M2	11.4	240/109	20	20	6.0	49.0
MHHX0191B	2	CR24KQ-PFV	15,941	1/2	7/8	M2	11.4	380/172	23	35	13.5	70.5
MHHX0191C	2	CR24KQ-TF5	15,671	1/2	7/8	M2	11.4	380/172	23	25	7.5	51.0
MHHX0221B	2 1/4	CR28KQ-PFV	18,189	1/2	7/8	M2	11.4	380/173	29	40	15.3	65.0
MHHX0221C	2 1/4	CR28KQ-TF5	17,500	1/2	7/8	M2	11.4	380/173	29	30	10.6	60.0
MHHX0251B	2 1/2	CR33KQ-PFV	20,714	1/2	7/8	M2	11.4	400/182	38	40	16.0	75.0
MHHX0251C	2 1/2	CR33KQ-TF5	20,714	1/2	7/8	M2	11.4	400/182	23	30	10.6	69.0
MHHX0301B	3	CR37KQ-PFV	26,173	1/2	7/8	M3	15.2	302/137	38	50	18.5	100.0
MHHX0301C	3	CR37KQ-TF5	26,284	1/2	7/8	M3	15.2	302/137	32	40	11.1	85.0
MHHX0351B	3 1/4	CR41KQ-PFV	28,236	1/2	7/8	M3	15.2	430/195	38	50	19.4	109.6
MHHX0351C	3 1/4	CR41KQ-TF5	28,611	1/2	7/8	M3	15.2	430/195	32	35	13.1	80.0
MHHX0441B	4	CR53KQ-PFV	38,416	5/8	1 1/8	M5	22.1	385/175	45	70	29.0	140.0
MHHX0441C	4	CR53KQ-TF5	38,676	5/8	1 1/8	M5	22.1	385/175	44	45	18.0	107.0
MHHX0501B	5	CRN5-0500-PFV	44,171	5/8	1 1/8	M5	22.1	530/241	52	80	34.3	142.0
MHHX0501C	5	CRN5-0500-TF5	44,870	5/8	1 1/8	M5	22.1	530/241	44	55	21.4	130.0

R-22 SCROLL CONDENSING UNITS

COND. UNIT MODEL*	H.P.	COMPRESSOR MODEL	BTUH @ 25°F SUCTION TEMP. 90°F AMBIENT	UNIT CONNECTION SIZES		BASE SIZE†	RECEIVER PUMP DOWN CAP. @ 90%	SHIP WT. (LB/KG)	MCA††	MOP††	RLA††	LRA††
				LIQUID	SUCTION							
MSHX0201B	2	ZB15KCE-PFV	19,707	1/2	7/8	M2	11.4	405/184	26	40	15.7	61.0
MSHX0201C	2	ZB15KCE-TF5	20,171	1/2	7/8	M2	11.4	405/184	19	25	8.9	55.0
MSHX0231B	2 1/2	ZB19KCE-PFV	22,398	1/2	7/8	M2	11.4	405/184	28	45	17.9	73.0
MSHX0231C	2 1/2	ZB19KCE-TF5	22,310	1/2	7/8	M2	11.4	405/184	19	25	10.0	63.0
MSHX0301B	3	ZB21KCE-PFV	26,672	5/8	7/8	M3	15.2	405/184	35	55	20.7	100.0
MSHX0301C	3	ZB21KCE-TF5	27,078	5/8	7/8	M3	15.2	405/184	26	35	12.1	77.0
MSHX0341B	4	ZB26KCE-PFV	30,294	5/8	1 1/8	M3	15.2	510/232	39	60	23.6	127.0
MSHX0341C	4	ZB26KCE-TF5	31,058	5/8	1 1/8	M3	15.2	510/232	38	40	12.1	77.0
MSHX0401B	4	ZB30KCE-PFV	35,707	1/2	7/8	M5	22.1	510/232	43	60	26.8	132.0
MSHX0401C	4	ZB30KCE-TF5	35,805	5/8	1 1/8	M5	22.1	510/232	38	40	15.0	99.0
MSHX0501B	5	ZB38KCE-PFV	40,687	5/8	1 1/8	M5	22.1	510/232	48	70	31.1	175.0
MSHX0501C	5	ZB38KCE-TF5	42,975	5/8	1 1/8	M5	22.1	510/232	44	55	22.1	115.0
MSHX0571C	6	ZB45KCE-TF5	49,929	5/8	1 1/8	M5	22.1	530/241	44	60	23.9	156.0

NOTES:

- 134a and 404A compressors are shipped with P.O.E. oil.
- Low temp. R-22 units with demand cooling available with Discus compressors only.
- All "M" units include low ambient kit (crankcase heater, head pressure control valve) as standard feature.
- Other voltages available, please consult factory.

*VOLTAGE KEY:

- "B" suffix = 208-230 or 230 volt, 60 cycle, one phase
- "C" suffix = 200-230 or 208-230 volt, 60 cycle, three phase
- †See pp. 56-58 for unit base drawings.
- ††Electrical ratings for condensing unit only. See National Electrical Code if units are combined on a single circuit.

M-Series Medium Temperature Specifications

MATCHING EVAPORATOR COILS FOR R-22 SEMI-HERMETIC CONDENSING UNITS

EVAPORATOR MODEL*	UNIT PART NO.	BTUH @ SUCTION TEMP. 25°F**	NO. FANS†	DIMENSIONS (INCHES)†			SHIP WT. (LB/KG)	FAN AMPS	DEFROST AMPS
				L	W	H			
E1HX0040A	SA18-41BA	4920	1	28	15	16	43/20	2.0	NOT APPLICABLE
E1HX0052A	SA18-53BA	6360	1	28	15	16	46/21	2.0	
E1HX0052A	SA18-53BA	6360	1	28	15	16	46/21	2.0	
E1HX0070A	SA28-76BA	9120	2	42	15	16	64/29	4.0	
E1HX0070A	SA28-76BA	9120	2	42	15	16	64/29	4.0	
E1HX0104A	SA28-106BA	12,720	2	46	15	16	71/32	4.0	
E1HX0104A	SA28-106BA	12,720	2	46	15	16	71/32	4.0	
E1HX0130A	SA28-134BA	16,080	2	46	15	16	77/35	4.0	
E1HX0130A	SA28-134BA	16,080	2	46	15	16	77/35	4.0	
E1HX0208A	SA48-212BA	25,440	4	82	15	16	145/66	8.0	
E1HX0208A	SA48-212BA	25,440	4	82	15	16	145/66	8.0	
E1HX0312A	SA68-318BA	38,160	5	118	15	16	255/116	12.0	
E1HX0370A	SA68-390BA	46,800	6	118	15	16	275/125	12.0	

MATCHING EVAPORATOR COILS FOR R-22 HERMETIC CONDENSING UNITS

EVAPORATOR MODEL*	UNIT PART NO.	BTUH @ SUCTION TEMP. 25°F**	NO. FANS†	DIMENSIONS (INCHES)†			SHIP WT. (LB/KG)	FAN AMPS	DEFROST AMPS
				L	W	H			
E1HX0040A	SA18-41BA	4920	1	28	15	16	43/20	2.0	NOT APPLICABLE
E1HX0065A	SA18-66BA	7920	1	28	15	16	50/23	2.0	
E1HX0070A	SA28-76BA	9120	2	42	15	16	64/29	4.0	
E1HX0070A	SA28-76BA	9120	2	42	15	16	64/29	4.0	
E1HX0120A	SA28-122BA	14,640	2	42	15	16	74/34	4.0	
E1HX0120A	SA28-122BA	14,640	2	42	15	16	74/34	4.0	
E1HX0130A	SA28-134BA	16,080	2	46	15	16	77/35	4.0	
E1HX0140A	SA36-145BA	17,400	3	64	15	16	105/48	6.0	
E1HX0156A	SA38-160BA	19,200	3	64	15	16	110/50	6.0	
E1HX0156A	SA38-160BA	19,200	3	64	15	16	110/50	6.0	
E1HX0180A	SA38-195BA	23,400	3	64	15	16	120/55	6.0	
E1HX0180A	SA38-195BA	23,400	3	64	15	16	120/55	6.0	
E1HX0208A	SA48-212BA	25,440	4	82	15	16	145/66	8.0	
E1HX0208A	SA48-212BA	25,440	4	82	15	16	145/66	8.0	
E1HX0260A	SA48-264BA	31,680	4	82	15	16	160/73	8.0	
E1HX0260A	SA48-264BA	31,680	4	82	15	16	160/73	8.0	
E1HX0312A	SA68-318BA	38,160	5	118	15	16	255/116	12.0	
E1HX0312A	SA68-318BA	38,160	5	118	15	16	255/116	12.0	
E1HX0370A	SA68-390BA	46,800	6	118	15	16	275/125	12.0	
E1HX0370A	SA68-390BA	46,800	6	118	15	16	275/125	12.0	

MATCHING EVAPORATOR COILS FOR R-22 SCROLL CONDENSING UNITS

EVAPORATOR MODEL*	UNIT PART NO.	BTUH @ SUCTION TEMP. 25°F**	NO. FANS†	DIMENSIONS (INCHES)†			SHIP WT. (LB/KG)	FAN AMPS	DEFROST AMPS
				L	W	H			
E1HX0156A	SA38-160BA	19,200	3	64	15	16	110/50	6.0	NOT APPLICABLE
E1HX0156A	SA38-160BA	19,200	3	64	15	16	110/50	6.0	
E1HX0180A	SA38-195BA	23,400	3	64	15	16	120/55	6.0	
E1HX0180A	SA38-195BA	23,400	3	64	15	16	120/55	6.0	
E1HX0208A	SA48-212BA	25,440	4	82	15	16	145/66	8.0	
E1HX0208A	SA48-212BA	25,440	4	82	15	16	145/66	8.0	
E1HX0260A	SA48-264BA	31,680	4	82	15	16	160/73	8.0	
E1HX0260A	SA48-264BA	31,680	4	82	15	16	160/73	8.0	
E1HX0312A	SA68-318BA	38,160	5	118	15	16	255/116	12.0	
E1HX0312A	SA68-318BA	38,160	5	118	15	16	255/116	12.0	
E1HX0370A	SA68-390BA	46,800	6	118	15	16	275/125	12.0	
E1HX0370A	SA68-390BA	46,800	6	118	15	16	275/125	12.0	
E1HX0260A (2)††	SA48-264BA	63,360 (total)	4	82	15	16	160/73	8.0	

***VOLTAGE KEY:**

"A" suffix = 115 volt, 60 cycle, one phase

**Based on 12° T.D.

†No. of fans and dimensions are per evaporator.

††Evaporator models followed by a number in parentheses indicates that multiple coils are necessary.

M-Series Medium Temperature Specifications

R-404A SEMI-HERMETIC CONDENSING UNITS

COND. UNIT MODEL*	H.P.	COMPRESSOR MODEL	BTUH @ 25°F SUCTION TEMP. 90°F AMBIENT	UNIT CONNECTION SIZES		BASE SIZE†	RECEIVER PUMP DOWN CAP. @ 90%	SHIP WT. (LB/KG)	MCA††	MOP††	RLA††	LRA††
				LIQUID	SUCTION							
MCHZ0061B	1/2	HAJB-005E-CAV	5505	3/8	5/8	M1	7.7	250/114	13	15	3.7	22.0
MCHZ0071C	3/4	KANA-007E-TAC	6894	3/8	5/8	M1	7.7	270/123	13	15	3.5	19.9
MCHZ0081B	3/4	KANB-007E-CAV	6894	3/8	7/8	M1	7.7	270/123	13	15	5.4	36.0
MCHZ0111B	1	KARB-010E-CAV	9214	3/8	7/8	M1	7.7	280/127	19	20	7.4	40.0
MCHZ0111C	1	KARA-010E-TAC	9211	3/8	7/8	M1	7.7	280/127	19	20	4.3	27.0
MCHZ0181B	2	KAKB-021E-CAV	16,578	1/2	1 1/8	M2	11.4	450/205	23	30	10.6	55.0
MCHZ0211C	2	KAKA-020E-TAC	15,865	1/2	7/8	M2	11.4	450/205	23	25	6.6	46.0
MCHZ0221C	2	ERCA-021E-TAC	20,165	1/2	1 1/8	M2	11.4	450/205	23	25	8.8	46.0
MCHZ0321B	3	ERFB-031E-CAB	28,803	5/8	1 1/8	M3	15.2	500/227	38	45	17.0	86.0
MCHZ0321C	3	ERFA-031E-TAC	29,326	5/8	1 3/8	M3	15.2	500/227	32	35	12.4	82.0
MCHZ0461C	4	NRB2-040E-TFC	41,091	5/8	1 3/8	M5	22.1	550/250	44	55	21.8	141.0
MDHZ0511C	5	ZDC3-050E-TFC	45,362	5/8	1 3/8	M5	22.1	530/241	44	55	22.3	120.0

R-404A HERMETIC CONDENSING UNITS

COND. UNIT MODEL*	H.P.	COMPRESSOR MODEL	BTUH @ 25°F SUCTION TEMP. 90°F AMBIENT	UNIT CONNECTION SIZES		BASE SIZE†	RECEIVER PUMP DOWN CAP. @ 90%	SHIP WT. (LB/KG)	MCA††	MOP††	RLA††	LRA††
				LIQUID	SUCTION							
MHHZ0071B	1/2	RS43C2E-CAV	6454	3/8	5/8	M1	7.7	230/105	13	15	5.4	24.1
MHHZ0111B	1	RS70C1E-PFV	9122	3/8	7/8	M1	7.7	250/114	20	20	7.0	34.2
MHHZ0111C	1	RS70C1E-TFC	8955	3/8	7/8	M1	7.7	250/114	20	20	4.7	31.0
MHHZ0171B	1 1/2	CS10K6E-PFV	14,485	1/2	7/8	M2	11.4	360/164	20	30	10.9	56.0
MHHZ0171C	1 1/2	CS10K6E-TF5	14,326	1/2	7/8	M2	11.4	360/164	20	20	7.5	51.0
MHHZ0191B	2	CS12K6E-PFV	16,403	1/2	1 1/8	M2	11.4	360/164	20	30	10.9	56.0
MHHZ0191C	2	CS12K6E-TF5	16,248	1/2	1 1/8	M2	11.4	360/164	19	20	7.5	51.0
MHHZ0221B	2 1/2	CS14K6E-PFV	18,310	1/2	1 1/8	M2	11.4	360/164	23	30	12.4	61.0
MHHZ0221C	2 1/2	CS14K6E-TF5	18,085	1/2	1 1/8	M2	11.4	360/164	23	25	9.1	55.0
MHHZ0331B	3	CS20K6E-PFV	29,007	5/8	1 1/8	M3	15.2	410/186	38	50	18.6	96.0
MHHZ0331C	3	CS20K6E-TF5	28,667	5/8	1 1/8	M3	15.2	410/186	38	40	11.4	75.0
MHHZ0431B	4	CS27K6E-PFV	38,042	5/8	1 3/8	M5	22.1	510/232	44	60	23.9	95.4
MHHZ0431C	4	CS27K6E-TF5	37,491	5/8	1 3/8	M5	22.1	510/232	44	50	15.6	82.0
MHHZ0501B	5	CS33K6E-PFV	44,031	5/8	1 3/8	M5	22.1	530/241	44	70	30.7	125.0
MHHZ0501C	5	CS33K6E-TF5	43,433	5/8	1 3/8	M5	22.1	530/241	44	55	20.7	90.0

R-404A SCROLL CONDENSING UNITS

COND. UNIT MODEL*	H.P.	COMPRESSOR MODEL	BTUH @ 25°F SUCTION TEMP. 90°F AMBIENT	UNIT CONNECTION SIZES		BASE SIZE†	RECEIVER PUMP DOWN CAP. @ 90%	SHIP WT. (LB/KG)	MCA††	MOP††	RLA††	LRA††
				LIQUID	SUCTION							
MSHZ0201B	2	ZB15KCE-PFV	18,932	1/2	7/8	M2	11.4	405/184	26	40	15.7	61.0
MSHZ0201C	2	ZB15KCE-TF5	18,897	1/2	7/8	M2	11.4	405/184	19	25	8.9	55.0
MSHZ0251B	2 1/2	ZB19KCE-PFV	22,870	1/2	7/8	M2	11.4	405/184	28	45	17.9	73.0
MSHZ0251C	2 1/2	ZB19KCE-TF5	22,704	1/2	7/8	M2	11.4	405/184	19	25	10.0	63.0
MSHZ0301B	3	ZB21KCE-PFV	28,162	5/8	7/8	M3	15.2	405/184	35	55	20.7	100.0
MSHZ0301C	3	ZB21KCE-TF5	28,076	5/8	7/8	M3	15.2	405/184	26	35	12.1	77.0
MSHZ0351B	4	ZB26KCE-PFV	32,205	5/8	1 1/8	M3	15.2	510/232	39	60	23.6	127.0
MSHZ0351C	4	ZB26KCE-TF5-230	32,038	5/8	1 1/8	M3	15.2	510/232	38	40	12.1	77.0
MSHZ0401B	4	ZB30KCE-PFV	38,505	1/2	7/8	M5	22.1	510/232	43	60	26.8	132.0
MSHZ0401C	4	ZB30KCE-TF5	38,238	1/2	7/8	M5	22.1	510/232	38	40	15.7	115.0
MSHZ0501B	5	ZB38KCE-PFV	46,519	5/8	1 1/8	M5	22.1	510/232	48	70	31.1	175.0
MSHZ0501C	5	ZB38KCE-TF5	46,293	5/8	1 1/8	M5	22.1	510/232	44	55	22.1	115.0
MSHZ0581C	6	ZB45KCE-TF5	53,473	5/8	1 1/8	M5	22.1	530/232	44	60	23.9	156.0

NOTES:

- 134a and 404a compressors are shipped with P.O.E. oil.
- Low temp. R-22 units with demand cooling available with Discus compressors only.
- All "M" units include low ambient kit (crankcase heater, head pressure control valve) as standard feature.
- Other voltages available, please consult factory.

*VOLTAGE KEY:

- "B" suffix = 208-230 or 230 volt, 60 cycle, one phase
- "C" suffix = 200-230 or 208-230 volt, 60 cycle, three phase
- †See pp. 56-58 for unit base drawings.
- ††Electrical ratings for condensing unit only. See National Electrical Code if units are combined on a single circuit.

M-Series Medium Temperature Specifications

MATCHING EVAPORATOR COILS FOR R-404A SEMI-HERMETIC CONDENSING UNITS

EVAPORATOR MODEL*	UNIT PART NO.	BTUH @ SUCTION TEMP. 25°F**	NO. FANS†	DIMENSIONS (INCHES)†			SHIP WT. (LB/KG)	FAN AMPS	DEFROST AMPS
				L	W	H			
E1HZ0040A	SA18-41BA	4900	1	28	15	16	43/20	2.0	NOT APPLICABLE
E1HZ0065A	SA18-66BA	7900	1	28	15	16	50/23	2.0	
E1HZ0065A	SA18-66BA	7900	1	28	15	16	50/23	2.0	
E1HZ0070A	SA28-76BA	9100	2	42	15	16	64/29	4.0	
E1HZ0070A	SA28-76BA	9100	2	42	15	16	64/29	4.0	
E1HZ0130A	SA28-134BA	16,100	2	46	15	16	77/35	4.0	
E1HZ0130A	SA28-134BA	16,100	2	46	15	16	77/35	4.0	
E1HZ0208A	SA48-212BA	25,440	4	82	15	16	145/66	8.0	
E1HZ0275A	SA58-275BA	27,500	5	100	15	16	230/105	10.0	
E1HZ0260A	SA48-264BA	31,700	4	82	15	16	160/73	8.0	
E1HZ0260A	SA48-264BA	31,700	4	82	15	16	160/73	8.0	
E1HZ0370A	SA68-390BA	46,800	6	118	15	16	275/125	12.0	

MATCHING EVAPORATOR COILS FOR R-404A HERMETIC CONDENSING UNITS

EVAPORATOR MODEL*	UNIT PART NO.	BTUH @ SUCTION TEMP. 25°F**	NO. FANS†	DIMENSIONS (INCHES)†			SHIP WT. (LB/KG)	FAN AMPS	DEFROST AMPS
				L	W	H			
E1HZ0065A	SA18-66BA	7900	1	28	15	16	50/23	2.0	NOT APPLICABLE
E1HZ0070A	SA28-76BA	9100	2	42	15	16	64/29	4.0	
E1HZ0070A	SA28-76BA	9100	2	42	15	16	64/29	4.0	
E1HZ0130A	SA28-134BA	16,100	2	46	15	16	77/35	4.0	
E1HZ0130A	SA28-134BA	16,100	2	46	15	16	77/35	4.0	
E1HZ0140A	SA36-145BA	17,400	3	64	15	16	105/48	6.0	
E1HZ0140A	SA36-145BA	17,400	3	64	15	16	105/48	6.0	
E1HZ0208A	SA48-212BA	25,440	4	82	15	16	145/66	8.0	
E1HZ0208A	SA48-212BA	25,440	4	82	15	16	145/66	8.0	
E1HZ0260A	SA48-264BA	31,700	4	82	15	16	160/73	8.0	
E1HZ0260A	SA48-264BA	31,700	4	82	15	16	160/73	8.0	
E1HZ0312A	SA68-318BA	38,200	6	118	15	16	255/116	12.0	
E1HZ0312A	SA68-318BA	38,200	6	118	15	16	255/116	12.0	
E1HZ0370A	SA68-390BA	46,800	6	118	15	16	275/125	12.0	
E1HZ0370A	SA68-390BA	46,800	6	118	15	16	275/125	12.0	

MATCHING EVAPORATOR COILS FOR R-404A SCROLL CONDENSING UNITS

EVAPORATOR MODEL*	UNIT PART NO.	BTUH @ SUCTION TEMP. 25°F**	NO. FANS†	DIMENSIONS (INCHES)†			SHIP WT. (LB/KG)	FAN AMPS	DEFROST AMPS
				L	W	H			
E1HZ0156A	SA38-160BA	19,200	3	64	15	16	110/50	6.0	NOT APPLICABLE
E1HZ0156A	SA38-160BA	19,200	3	64	15	16	110/50	6.0	
E1HZ0208A	SA48-212BA	25,440	4	82	15	16	145/66	8.0	
E1HZ0208A	SA48-212BA	25,440	4	82	15	16	145/66	8.0	
E1HZ0260A	SA48-264BA	31,700	4	82	15	16	160/73	8.0	
E1HZ0260A	SA48-264BA	31,700	4	82	15	16	160/73	8.0	
E1HZ0312A	SA68-318BA	38,200	6	118	15	16	255/116	12.0	
E1HZ0312A	SA68-318BA	38,200	6	118	15	16	255/116	12.0	
E1HZ0312A	SA68-318BA	38,200	6	118	15	16	255/116	12.0	
E1HZ0312A	SA68-318BA	38,200	6	118	15	16	255/116	12.0	
E1HZ0208A (2)††	SA48-212BA	50,880 (total)	4	82	15	16	145/66	8.0	
E1HZ0208A (2)††	SA48-212BA	50,880 (total)	4	82	15	16	145/66	8.0	
E1HZ0260A (2)††	SA48-264BA	63,400 (total)	4	82	15	16	160/73	8.0	

***VOLTAGE KEY:**

"A" suffix = 115 volt, 60 cycle, one phase

**Based on 12° T.D.

†No. of fans and dimensions are per evaporator.

††Evaporator models followed by a number in parentheses indicates that multiple coils are necessary.

M-Series Low Temperature Specifications

R-404A SEMI-HERMETIC CONDENSING UNITS

COND. UNIT MODEL*	H.P.	COMPRESSOR MODEL	BTUH @ -20°F SUCTION TEMP. 90°F AMBIENT	UNIT CONNECTION SIZES		BASE SIZE†	RECEIVER PUMP DOWN CAP. @ 90%	SHIP WT. (LB/KG)	MCA††	MOP††	RLA††	LRA††
				LIQUID	SUCTION							
MCLZ0021B	1/2	KANB-005E-CAV	1911	3/8	5/8	M1	7.7	250/114	13	15	3.6	24.0
MCLZ0031B	3/4	KAMB-007E-CAV	3433	3/8	7/8	M1	7.7	270/123	13	15	5.6	36.0
MCLZ0031C	3/4	KAMA-007E-TAC	3186	3/8	7/8	M1	7.7	270/123	13	15	3.2	19.9
MCLZ0051B	1	KAJB-010E-CAV	4243	3/8	7/8	M1	7.7	280/127	13	15	6.9	40.0
MCLZ0051C	1	KAJA-011E-TAC	4186	3/8	7/8	M1	7.7	280/127	13	15	4.6	27.0
MCLZ0081B	1 1/2	KATB-015E-CAV	7528	3/8	7/8	M1	7.7	310/141	16	25	9.6	55.0
MCLZ0081C	1 1/2	KATA-015E-TAC	7438	3/8	7/8	M1	7.7	310/141	13	15	5.0	35.5
MCLZ0101B	2	EAVB-021E-CAV	9104	1/2	7/8	M2	11.4	330/150	24	35	14.7	102.0
MCLZ0101C	2	EAVA-021E-TAC	8755	1/2	7/8	M2	11.4	330/150	19	20	7.4	50.0
MCLZ0111B	3	3ABB-032E-CAB	10,372	1/2	7/8	M2	11.4	330/150	24	35	14.7	86.0
MCLZ0111C	3	3ABA-031E-TAC	10,343	1/2	7/8	M2	11.4	330/150	19	25	10.0	82.0
MCLZ0141B	3	LAHB-032E-CAB	13,799	1/2	1 1/8	M3	11.4	500/227	28	40	16.7	105.0
MCLZ0141C	3	LAHA-032E-TAC	13,903	1/2	1 1/8	M3	11.4	500/227	26	35	12.8	112.0
MCLZ0171B	4	NRD1-040E-CFB	16,915	1/2	1 1/8	M3	15.2	510/232	44	70	27.7	115.0
MCLZ0171C	4	NRD1-032E-TFC	17,291	1/2	1 1/8	M3	15.2	510/232	32	45	16.3	82.0

R-404A HERMETIC CONDENSING UNITS

COND. UNIT MODEL*	H.P.	COMPRESSOR MODEL	BTUH @ -20°F SUCTION TEMP. 90°F AMBIENT	UNIT CONNECTION SIZES		BASE SIZE†	RECEIVER PUMP DOWN CAP. @ 90%	SHIP WT. (LB/KG)	MCA††	MOP††	RLA††	LRA††
				LIQUID	SUCTION							
MHLZ0021B	1/2	AFT22C1E-CFV	2210	3/8	5/8	M1	7.7	230/105	13	15	3.5	34.0
MHLZ0031B	3/4	AFT29C1E-CFV	2956	3/8	5/8	M1	7.7	240/109	13	15	4.4	38.7
MHLZ0051B	1	CF04K6E-PFV	3945	3/8	7/8	M1	7.7	240/109	16	25	9.6	59.0
MHLZ0051C	1	CF04K6E-TF5	3769	3/8	7/8	M1	7.7	240/109	13	15	6.4	52.0
MHLZ0071B	1 1/2	CF06K6E-PFV	5938	3/8	1 1/8	M1	7.7	250/114	18	30	11.4	59.2
MHLZ0071C	1 1/2	CF06K6E-TF5	5722	3/8	1 1/8	M1	7.7	250/114	13	20	7.0	52.0
MHLZ0091B	2	CF09K6E-PFV	9133	1/2	1 1/8	M2	11.4	260/118	26	40	16.3	87.0
MHLZ0091C	2	CF09K6E-TF5	9230	1/2	1 1/8	M2	11.4	245/111	19	25	9.9	65.1
MHLZ0121B	3	CF12K6E-PFV	11,559	1/2	1 1/8	M2	11.4	260/118	30	45	19.0	105.0
MHLZ0121C	3	CF12K6E-TF5	11,596	1/2	1 1/8	M2	11.4	260/118	21	30	11.9	85.0

R-404A SCROLL CONDENSING UNITS

COND. UNIT MODEL*	H.P.	COMPRESSOR MODEL	BTUH @ -20°F SUCTION TEMP. 90°F AMBIENT	UNIT CONNECTION SIZES		BASE SIZE†	RECEIVER PUMP DOWN CAP. @ 90%	SHIP WT. (LB/KG)	MCA††	MOP††	RLA††	LRA††
				LIQUID	SUCTION							
MSLZ0071B	2	ZF06K4E-PFV	7165	3/8	7/8	M1	7.7	190/86	21	35	13.6	61.0
MSLZ0071C	2	ZF06K4E-TF5	7165	3/8	7/8	M1	7.7	190/86	16	25	9.3	55.0
MSLZ0101B	3	ZF09K4E-PFV	10,653	3/8	7/8	M2	11.4	200/91	27	40	16.4	88.0
MSLZ0101C	3	ZF09K4E-TF5	10,653	3/8	7/8	M2	11.4	200/91	20	30	11.1	77.0
MSLZ0151B	4	ZF13K4E-PFV	14,994	1/2	7/8	M3	11.4	230/105	43	60	26.8	129.0
MSLZ0151C	4	ZF13K4E-TF5	14,994	1/2	7/8	M3	11.4	230/105	32	40	15.0	99.0
MSLZ0181B	5	ZF15K4E-PFV	18,970	1/2	1 1/8	M3	15.2	240/109	49	80	31.8	169.0
MSLZ0181C	5	ZF15K4E-TF5	18,945	1/2	1 1/8	M3	15.2	240/109	36	55	21.4	123.0
MSLZ0221C	6	ZF18K4E-TF5	23,018	1/2	1 1/8	M5	22.1	250/114	39	60	23.9	156.0

R-404A DISCUS CONDENSING UNITS

COND. UNIT MODEL*	H.P.	COMPRESSOR MODEL	BTUH @ -20°F SUCTION TEMP. 90°F AMBIENT	UNIT CONNECTION SIZES		BASE SIZE†	RECEIVER PUMP DOWN CAP. @ 90%	SHIP WT. (LB/KG)	MCA††	MOP††	RLA††	LRA††
				LIQUID	SUCTION							
MDLZ0201C	3	ZDF3-030E-TFC	19,518	1/2	1 1/8	M5	15.2	530/241	38	45	16.8	102.0
MDLZ0231C	4	ZDL3-040E-TFC	22,958	1/2	1 1/8	M5	15.2	530/241	42	60	26.3	161.0
MDLZ0291C	6	ZDB3-060E-TFC	29,187	5/8	1 3/8	M5	22.1	560/255	47	70	28.2	161.0
MDLZ0331C	6	ZDA3A060E-TFC	32,417	5/8	1 3/8	M5	22.1	560/255	50	70	30.3	150.0

NOTES:

- 134a and 404a compressors are shipped with P.O.E. oil.
- Low temp. R-22 units with demand cooling available with Discus compressors only.
- All "M" units include low ambient kit (crankcase heater, head pressure control valve) as standard feature.
- Other voltages available, please consult factory.

*VOLTAGE KEY:

- "B" suffix = 208-230 or 230 volt, 60 cycle, one phase
- "C" suffix = 200-230 or 208-230 volt, 60 cycle, three phase
- †See pp. 56-58 for unit base drawings.
- ††Electrical ratings for condensing unit only. See National Electrical Code if units are combined on a single circuit.

M-Series Low Temperature Specifications

MATCHING EVAPORATOR COILS FOR R-404A SEMI-HERMETIC CONDENSING UNITS

EVAPORATOR MODEL*	UNIT PART NO.	BTUH @ SUCTION TEMP. -20°F**	NO. FANS†	DIMENSIONS (INCHES)†			SHIP WT. (LB/KG)	FAN AMPS	DEFROST AMPS
				L	W	H			
E1LZ0035B	SE16-36BD	3600	1	28	15	16	41/19	1.0	4.4
E1LZ0035B	SE16-36BD	3600	1	28	15	16	41/19	1.0	4.4
E1LZ0035B	SE16-36BD	3600	1	28	15	16	41/19	1.0	4.4
E1LZ0047B	SE16-46BD	4600	1	28	15	16	47/21	1.0	4.4
E1LZ0047B	SE16-46BD	4600	1	28	15	16	47/21	1.0	4.4
E1LZ0075B	SE26-75BD	7500	2	42	15	16	67/30	2.0	7.0
E1LZ0075B	SE26-75BD	7500	2	42	15	16	67/30	2.0	7.0
E1LZ0090B	SE26-92BD	9200	2	46	15	16	74/34	2.0	8.7
E1LZ0090B	SE26-92BD	9200	2	46	15	16	74/34	2.0	8.7
E1LZ0090B	SE26-92BD	9200	2	46	15	16	74/34	2.0	8.7
E1LZ0090B	SE26-92BD	9200	2	46	15	16	74/34	2.0	8.7
E1LZ0141B	SE36-140BD	14,000	3	64	15	16	115/52	3.0	13.0
E1LZ0141B	SE36-140BD	14,000	3	64	15	16	115/52	3.0	13.0
E1LZ0160B	SE46-164BD	16,000	4	82	15	16	140/64	4.0	17.4
E1LZ0160B	SE46-164BD	16,000	4	82	15	16	140/64	4.0	17.4

MATCHING EVAPORATOR COILS FOR R-404A HERMETIC CONDENSING UNITS

EVAPORATOR MODEL*	UNIT PART NO.	BTUH @ SUCTION TEMP. -20°F**	NO. FANS†	DIMENSIONS (INCHES)†			SHIP WT. (LB/KG)	FAN AMPS	DEFROST AMPS
				L	W	H			
E1LZ0035B	SE16-36BD	3600	1	28	15	16	41/19	1.0	4.4
E1LZ0035B	SE16-36BD	3600	1	28	15	16	41/19	1.0	4.4
E1LZ0047B	SE16-46BD	4600	1	28	15	16	47/21	1.0	4.4
E1LZ0047B	SE16-46BD	4600	1	28	15	16	47/21	1.0	4.4
E1LZ0065B	SE26-60BD	6000	2	42	15	16	61/28	2.0	7.0
E1LZ0065B	SE26-60BD	6000	2	42	15	16	61/28	2.0	7.0
E1LZ0090B	SE26-92BD	9200	2	46	15	16	74/34	2.0	8.7
E1LZ0090B	SE26-92BD	9200	2	46	15	16	74/34	2.0	8.7
E1LZ0120B	SE36-120BD	12,000	3	64	15	16	105/48	3.0	13.0
E1LZ0120B	SE36-120BD	12,000	3	64	15	16	105/48	3.0	13.0

MATCHING EVAPORATOR COILS FOR R-404A SCROLL CONDENSING UNITS

EVAPORATOR MODEL*	UNIT PART NO.	BTUH @ SUCTION TEMP. -20°F**	NO. FANS†	DIMENSIONS (INCHES)†			SHIP WT. (LB/KG)	FAN AMPS	DEFROST AMPS
				L	W	H			
E1LZ0075B	SE26-75BD	7500	2	42	15	16	67/30	2.0	7.0
E1LZ0075B	SE26-75BD	7500	2	42	15	16	67/30	2.0	7.0
E1LZ0090B	SE26-92BD	9200	2	46	15	16	74/34	2.0	8.7
E1LZ0090B	SE26-92BD	9200	2	46	15	16	74/34	2.0	8.7
E1LZ0141B	SE36-140BD	14,000	3	64	15	16	115/52	3.0	13.0
E1LZ0141B	SE36-140BD	14,000	3	64	15	16	115/52	3.0	13.0
E1LZ0180B	SE46-185BD	18,500	4	82	15	16	155/70	4.0	17.4
E1LZ0180B	SE46-185BD	18,500	4	82	15	16	155/70	4.0	17.4
E1LZ0200B	SE56-210BD	21,000	5	100	15	16	225/102	5.0	21.8

MATCHING EVAPORATOR COILS FOR R-404A DISCUS CONDENSING UNITS

EVAPORATOR MODEL*	UNIT PART NO.	BTUH @ SUCTION TEMP. -20°F**	NO. FANS†	DIMENSIONS (INCHES)†			SHIP WT. (LB/KG)	FAN AMPS	DEFROST AMPS
				L	W	H			
E1LZ0180B	SE46-185BD	18,500	4	82	15	16	155/70	4.0	17.4
E1LZ0200B	SE56-210BD	21,000	5	100	15	16	225/102	5.0	21.8
E1LZ0280B	SE66-280BD	28,000	6	118	15	16	270/123	6.0	26.1
E1LZ0160B (2)††	SE46-164BD	32,000 (total)	4	82	15	16	140/64	4.0	34.8

***VOLTAGE KEY:**

"B" suffix = 208-230 or 230 volt, 60 cycle, one phase

**Based on 10° T.D.

†No. of fans and dimensions are per evaporator.

††Evaporator models followed by a number in parentheses indicates that multiple coils are necessary.

M-Series Components

STANDARD COMPONENTS

The M-Series set of standard features (pre-wired and mounted except as noted)* include:

- Liquid line and suction line vibration absorbers (eliminators) for semi-hermetic units only
- Preset non-adjustable high pressure control and preset non-adjustable low pressure control**
- Crankcase heater
- Head pressure control (flooding valve)
- Heavy gauge, galvanized steel mechanically-fastened weather hood
- Suction service valve
- Heavy-duty angle leg base
- Liquid line filter/drier
- Pre-wired electrical control panel
- Sight glass
- Liquid and suction line kit with service valve
- Timer (standard on low temp units only)
- Compressor contactor
- Defrost heater contactor (when required)
- Generously-sized condenser (rated up to 120°F ambient)
- Rifled tubes in condenser for greater efficiency
- PSC condenser fan motors
- Large liquid receiver (good for maximum 100 ft. line run)
- Liquid line shut-off valve for easy change of filter
- One year limited compressor warranty

*Components may vary depending on horsepower and application. Consult our factory for verification of standard and optional components.

**Preset high pressure control and preset low pressure control are non-adjustable in medium temp M-Series units. The low pressure control is adjustable in low temp units.

OPTIONALLY AVAILABLE (CONSULT FACTORY FOR PRICING)

- Special voltages
- Insulated and heated receiver (thermostatically controlled)
- Suction accumulator (shipped loose)
- Coated condenser coils
- Oil separator
- Phase loss/low voltage monitor
- Factory pre-assembled evaporator coil (includes factory pre-mounting of thermostatic air control and expansion valve)
- Factory pre-charged system with quick connect liquid and suction line sets up to 50 ft. (specify length when ordering)
- Adjustable low pressure control for medium and high temp units
- Dual pressure control
- Circuit breaker
- Suction filter
- Fan cycling switch
- Pre-mounted solenoid at evaporator
- Liquid line solenoid valve (shipped loose)
- Timer for medium temp units
- Heavy-duty channel leg base
- Master Controller electronic control system (see pp. 62-63 for details)
- Patented reverse cycle defrost (see p. 64)
- Extended four year limited compressor warranty (see p. 61)

MRS Series Modular Multi-Compressor Systems

MRS systems are composed of individual modules containing an air-cooled condenser, compressor, generously-sized receiver and other appropriate components all enclosed within a single galvanized steel housing.

These systems are designed to allow the remot-ing of refrigeration units in walk-ins, reach-ins and other refrigerated equipment to a single system. Benefits include reductions in inside heat, air conditioning load and noise levels.

The modularity of the system maximizes configura-tion flexibility, simplifies service and provides for future expandibility.



Features	Benefits
Pre-wired to an electrical panel for one-point connection	Simple, cost-effective installation
Single roof penetration point	Reduces installation cost and chances of roof leakage
Galvanized housing with louvred doors	Durable, weather-resistant enclosure
Modular condensers rated at 110°F	Able to withstand high ambient temperatures
Modules equipped with head masters and crankcase heaters	Provides protection in low ambient temperature situations
System designed for increased airflow across compressors	Efficient cooling of each module
Time clocks for both low and medium temp compressors	For ease of service and optional defrost scheduling
Pre-piped to internal pitch pocket	Decreases water leakage from roof
Can be combined with an optional Master Controller system and reverse cycle defrost	Increased system efficiency

Add Options
Stainless steel or white painted steel finish
Locking mechanism

Consult factory for MRS system pricing.

DRS Series Dual Compressor Systems

When your requirements call for two-compressor condensing unit, the DRS series is the answer. An economical complement to the MRS series modular units, DRS models still share many of the same features and quality construction as well as fitting the same range of applications.

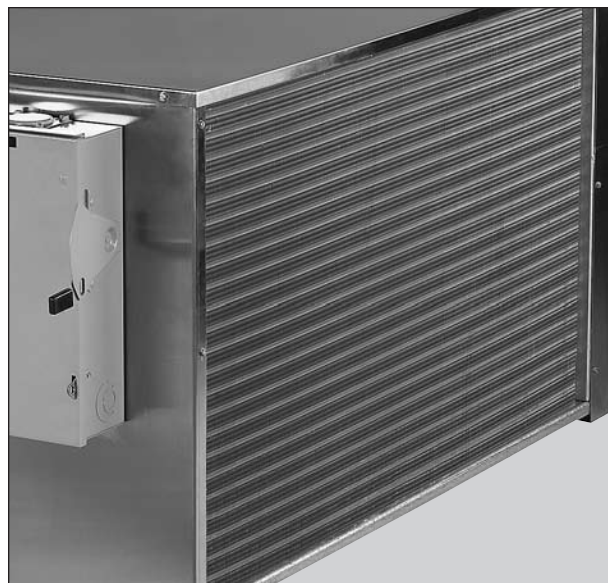
DRS systems feature:

- Compressors that use a separate refrigerant circuit providing independent function of each system

- Scroll compressors for freezer applications up to 5 HP
 - Hermetic compressors for cooler applications up to 3 HP
 - Common base and frame assembly
 - Standard galvanized finish with optional stainless or white painted steel finish
- The Master Controller and reverse cycle defrost are also options on the DRS series.



Pre-wired electrical panel with one-point connection and a disconnect switch included.



Multi-circuited condenser coil designed for 110°F ambient.

DRS Series Dual Compressor Systems

MODELS	SYSTEMS		COMPRESSOR MODELS	BTUH CAPACITY @ ROOM TEMP. 10°F TD, 90° AMBIENT		RECEIVER 90%/90°F	COMPRESSOR		SHIP WT. LBS (KG)	CONNECTIONS		RLA	MCA	MOP	EVAP. MODEL
	TEMP	UNIT HP		-10°F	35°F		RLA	LRA		LIQUID	SUCTION				
RSPR1102C	Med.	3/4	RS55C1E-CAV		7170	4.95	6.7	33.5	392 (178)	3/8	7/8	22.9	25	30	E1HZ0065A
	Low	1 1/2	CF06K6E-TF5	5190		4.95	7.0	52.0		3/8	1 1/8				E1LZ0065B
RSPR1104C	Med.	1/2	RS43C1E-CAV		5490	4.95	5.4	24.1	384 (175)	3/8	5/8	21.6	23	30	E1HZ0052A
	Low	1 1/2	CF06K4E-TF5	5190		4.95	7.0	52		3/8	1 1/8				E1LZ0065B
RSPR1106C	Med.	1	RS70C1E-TFC		9180	4.95	4.7	31.0	400 (182)	3/8	7/8	20.9	23	30	E1HZ0090A
	Low	1 1/2	CF06K6E-TF5	5190		4.95	7.0	52		3/8	1 1/8				E1LZ0065B
RSPR1108C	Med.	1 1/2	CS10K6E-TF5		13,500	11.3	7.5	51.0	488 (222)	1/2	7/8	23.7	26	35	E1HZ0130A
	Low	1 1/2	CF06K6E-TF5	5190		4.95	7.0	52		3/8	1 1/8				E1LZ0065B
RSPR1110C	Med.	3/4	RS55C1E-CAV		7170	4.95	6.7	33.5	344 (156)	3/8	7/8	25.2	28	35	E1HZ0065A
	Low	2	ZF06K4E-TF5	7090		11.3	9.3	55.0		3/8	7/8				E1LZ0075B
RSPR1112C	Med.	1/2	RS43C1E-CAV		5490	4.95	5.4	24.1	344 (156)	3/8	5/8	23.9	26	35	E1HZ0052A
	Low	2	ZF06K4E-TF5	7090		11.3	9.3	55		3/8	7/8				E1LZ0075B
RSPR1114C	Med.	1	RS70C1E-TFC		9180	4.95	4.7	31.0	352 (160)	3/8	7/8	23.2	26	30	E1HZ0065A
	Low	2	ZF06K4E-TF5	7090		11.3	9.3	55		3/8	7/8				E1LZ0075B
RSPR1116C	Med.	1 1/2	CS10K6E-TF5		13,500	11.3	7.5	51.0	440 (200)	1/2	7/8	26.0	28	35	E1HZ0130A
	Low	2	ZF06K4E-TF5	7090		11.3	9.3	55		3/8	7/8				E1LZ0075B
RSPR1118C	Med.	3/4	RS55C1E-CAV		7170	4.95	6.7	33.5	352 (160)	3/8	7/8	27.0	30	40	E1HZ0065A
	Low	3	ZF09K4E-TF5	10,100		15.1	11.1	77.0		3/8	7/8				E1LZ0090B
RSPR1120C	Med.	1/2	RS43C1E-CAV		5490	4.95	5.4	24.1	344 (156)	3/8	5/8	25.7	29	35	E1HZ0052A
	Low	3	ZF09K4E-TF5	10,100		15.1	11.1	77		3/8	7/8				E1LZ0090B
RSPR1122C	Med.	1	RS70C1E-TFC		9180	4.95	4.7	31.0	360 (164)	3/8	7/8	25.0	28	35	E1HZ0090A
	Low	3	ZF09K4E-TF5	10,100		15.1	11.1	77		3/8	7/8				E1LZ0090B
RSPR1124C	Med.	1 1/2	CS10K6E-TF5		13,500	11.3	7.5	51.0	448 (204)	1/2	7/8	27.8	31	40	E1HZ0130A
	Low	3	ZF09K4E-TF5	10,100		15.1	11.1	77		3/8	7/8				E1LZ0090B
RSPR1126C	Med.	3/4	RS55C1E-CAV		7170	4.95	6.7	33.5	376 (171)	3/8	7/8	30.9	35	45	E1HZ0065A
	Low	4	ZF13K4E-TF5	14,200		15.1	15.0	99.0		1/2	7/8				E1LZ0120B
RSPR1128C	Med.	1/2	RS43C1E-CAV		5490	4.95	5.4	24.1	368 (167)	3/8	5/8	29.6	33	45	E1HZ0052A
	Low	4	ZF13K4E-TF5	14,200		15.1	15.0	99		1/2	7/8				E1LZ0120B
RSPR1130C	Med.	1	RS70C1E-TFC		9180	4.95	4.7	31.0	384 (175)	3/8	7/8	28.9	33	45	E1HZ0090A
	Low	4	ZF13K4E-TF5	14,200		15.1	15.0	99		1/2	7/8				E1LZ0120B
RSPR1132C	Med.	1 1/2	CS10K6E-TF5		13,500	11.3	7.5	51.0	472 (215)	1/2	7/8	31.7	36	50	E1HZ0130A
	Low	4	ZF13K4E-TF5	14,200		15.1	15.0	99		1/2	7/8				E1LZ0120B
RSPR1134C	Med.	1	RS70C1E-TFC		9180	4.95	4.7	31.0	392 (178)	3/8	7/8	35.3	41	60	E1HZ0090A
	Low	5	ZF15K4E-TF5	17,700		16.9	21.4	123		1/2	1 1/8				E1LZ0141B
RSPR1136C	Med.	1 1/2	CS10K6E-TF5		13,500	11.3	7.5	51.0	480 (218)	1/2	7/8	38.1	44	60	E1HZ0130A
	Low	5	ZF15K4E-TF5	17,700		16.9	21.4	123		1/2	1 1/8				E1LZ0141B
RSPR1138C	Med.	2	CS12K6E-TFC		15,900	11.3	7.5	51.0	480 (218)	1/2	1 1/8	38.1	44	60	E1HZ0130A
	Low	5	ZF15K4E-TF5	17,700		16.9	21.4	123		1/2	1 1/8				E1LZ0141B

REFRIGERATION SYSTEMS

NOTE: ALL LOW TEMP SYSTEMS USE R-404A AND ALL MEDIUM TEMP SYSTEMS USE R-404A OR R-22. TO SELECT MEDIUM TEMP EVAPORATORS WITH R-22 REFRIGERANT, CHANGE THE "Z" IN THE MODEL NUMBER TO AN "X".

Consult factory for DRS system pricing.

DRS Series Dual Compressor Systems

MATCHING MEDIUM TEMP EVAPORATOR COILS FOR DRS UNITS

EVAPORATOR MODEL*	UNIT PART NO.	BTUH @ SUCTION TEMP. 25°F**	NO. FANS†	DIMENSIONS (INCHES)†			SHIP WT. (LB/KG)	FAN AMPS	DEFROST AMPS
				L	W	H			
E1HZ0052A	SA18-53BA	5724	1	28	15	16	46/21	2.0	N/A
E1HZ0065A	SA18-66BA	7900	1	28	15	16	50/23	2.0	N/A
E1HZ0090A	SA28-97BA	10,486	2	42	15	16	69/31	4.0	N/A
E1HZ0130A	SA28-134BA	16,100	2	46	15	16	77/35	4.0	N/A

MATCHING LOW TEMP EVAPORATOR COILS FOR DRS UNITS

EVAPORATOR MODEL*	UNIT PART NO.	BTUH @ SUCTION TEMP. -20°F**	NO. FANS†	DIMENSIONS (INCHES)†			SHIP WT. (LB/KG)	FAN AMPS	DEFROST AMPS
				L	W	H			
E1LZ0065B	SE26-60BD	6000	2	42	15	16	61/28	2.0	7.0
E1LZ0075B	SE26-75BD	7500	2	42	15	16	67/30	2.0	7.0
E1LZ0090B	SE26-92BD	9200	2	46	15	16	74/34	2.0	8.7
E1LZ0120B	SE36-120BD	12,000	3	64	15	16	105/48	3.0	13.0
E1LZ0141B	SE36-140BD	14,000	3	64	15	16	115/52	3.0	13.0

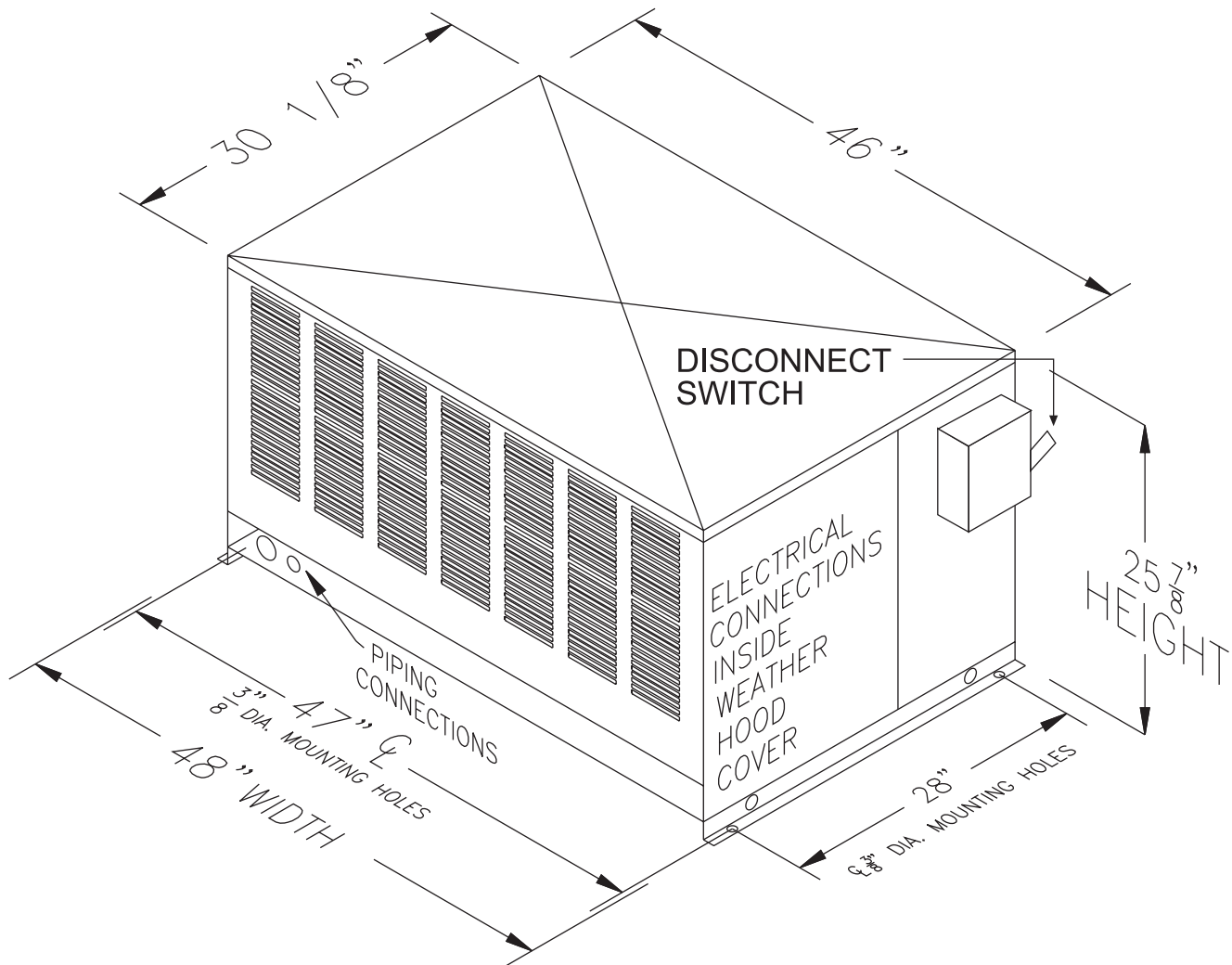
***VOLTAGE KEY:**

"A" suffix = 115 volt, 60 cycle, one phase

"B" suffix = 208-230 or 230 volt, 60 cycle, one phase

**Based on 12° T.D. for medium temp coils, 10° for low temp

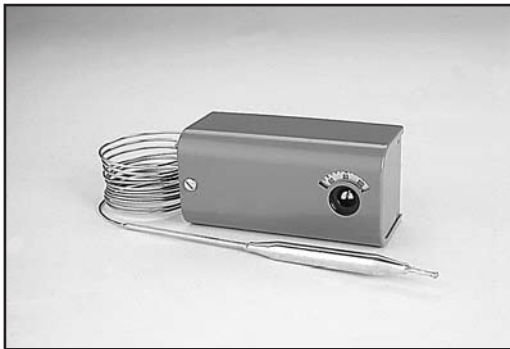
†No. of fans and dimensions are per evaporator



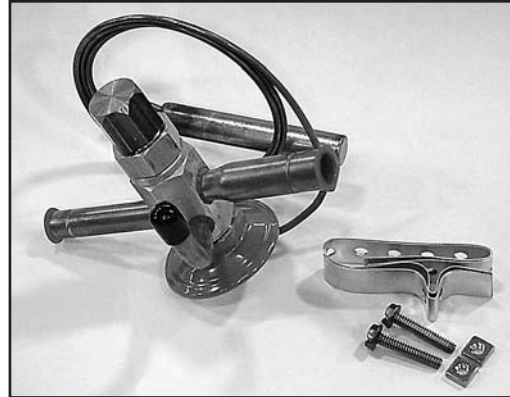
Evaporator Coils For Remote Systems

E-series evaporator coils are ready to mount in position and are available in either air (off cycle) or electric defrost. Each is also furnished standard with a properly sized expansion valve and

room thermostat. Electric defrost models feature defrost termination-fan delay controls and drain line heaters.



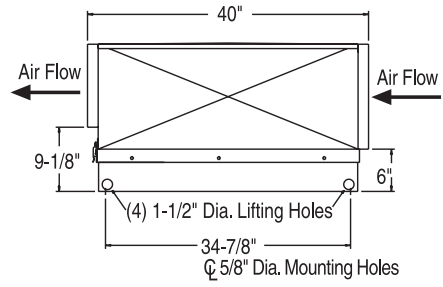
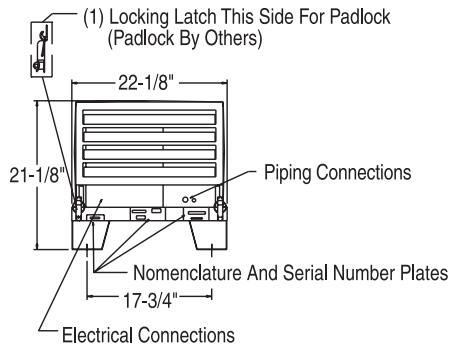
STANDARD TEMPERATURE CONTROL/ROOM THERMOSTAT



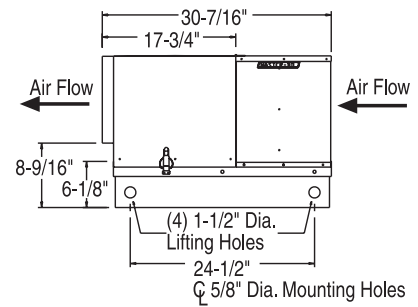
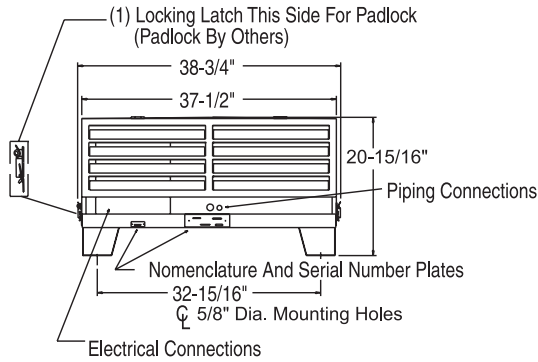
STANDARD EXPANSION VALVE

Condensing Unit Base Specifications

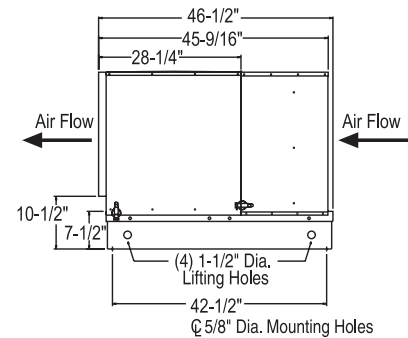
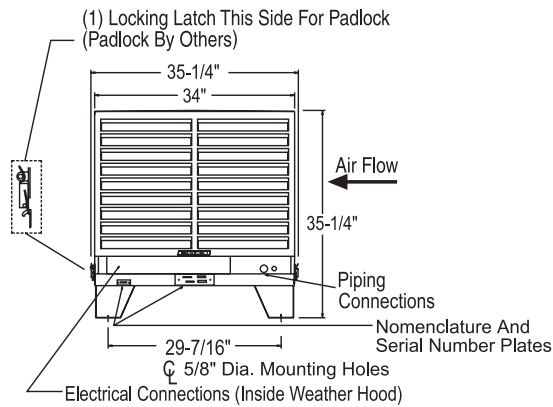
BASE "A"



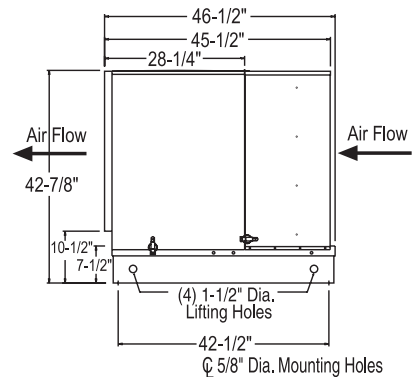
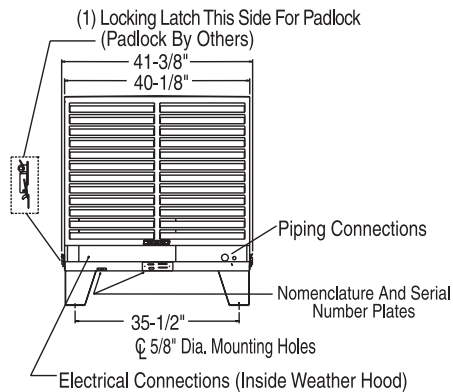
BASE "B"



BASE "C"

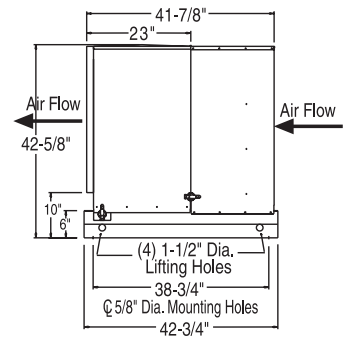
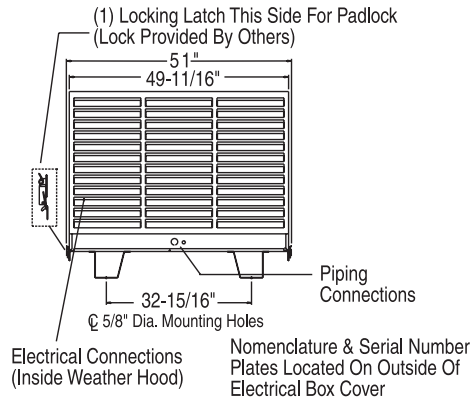


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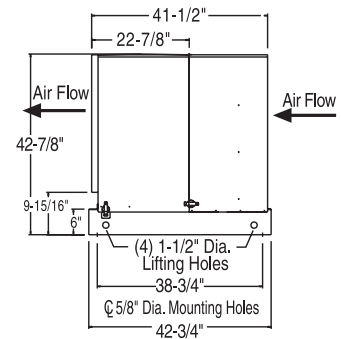
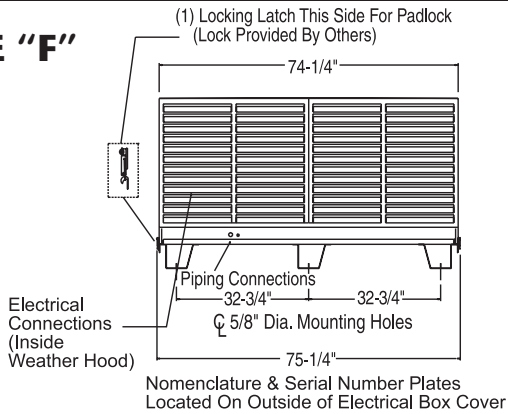


Condensing Unit Base Specifications

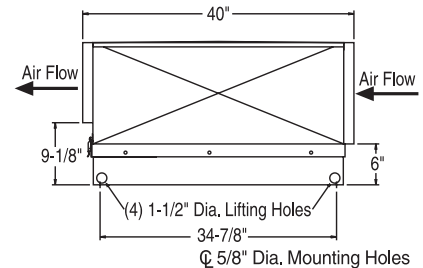
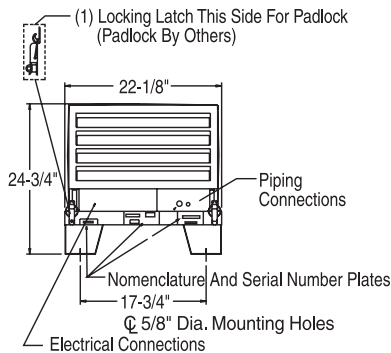
BASE "E"



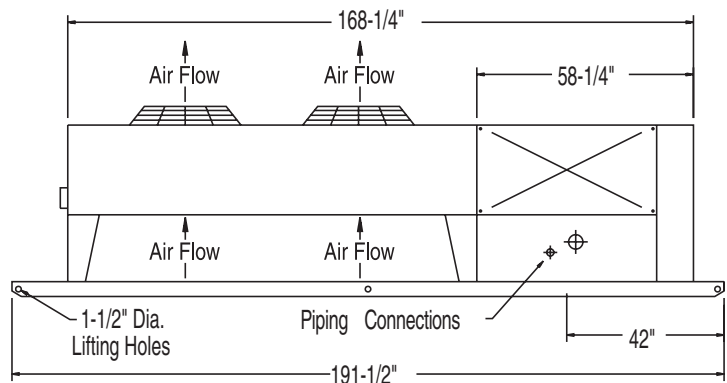
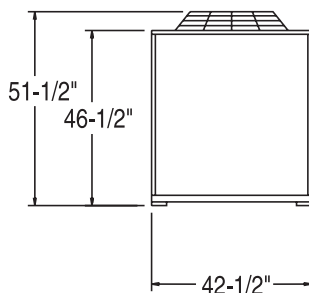
BASE "F"



BASE "N"

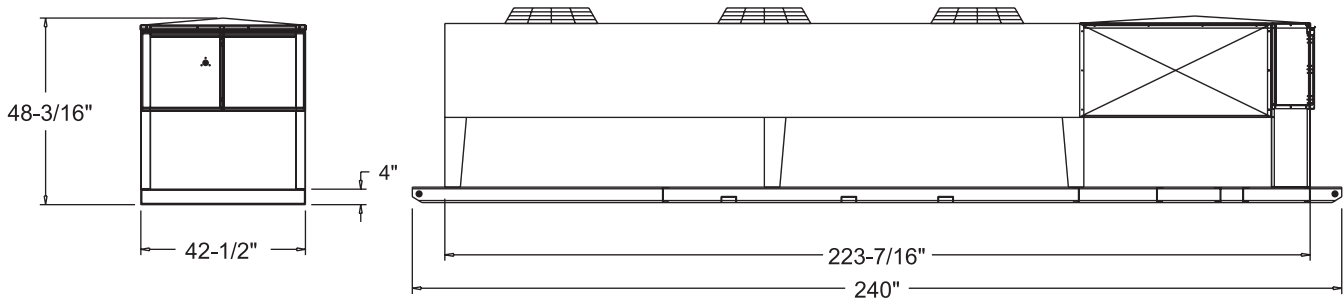


BASE "P"

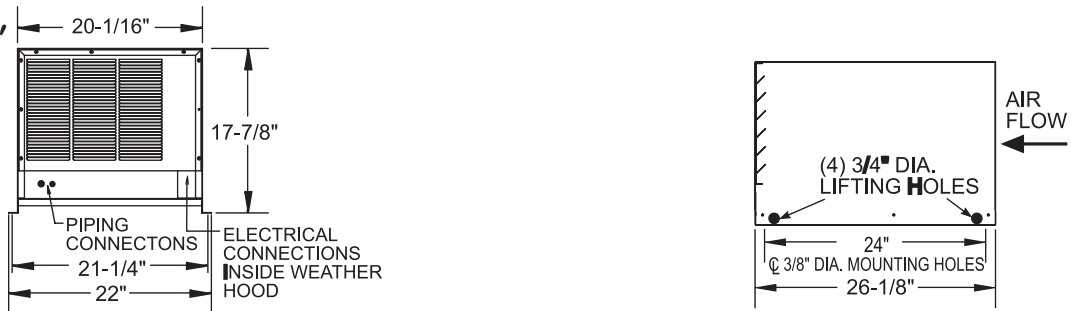


Condensing Unit Base Specifications

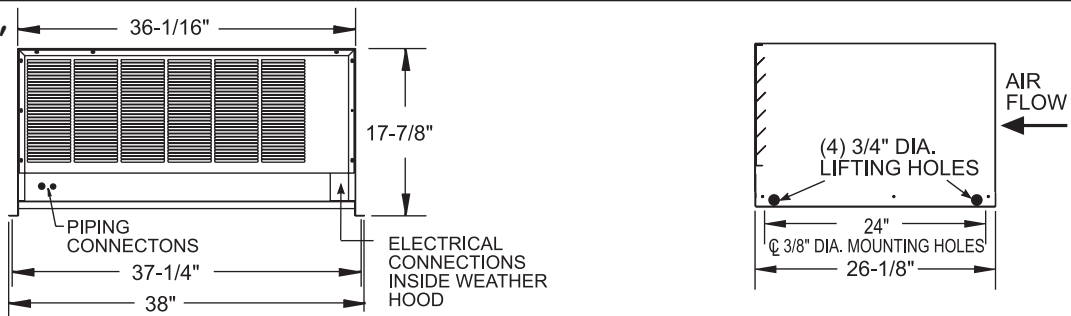
BASE "R"



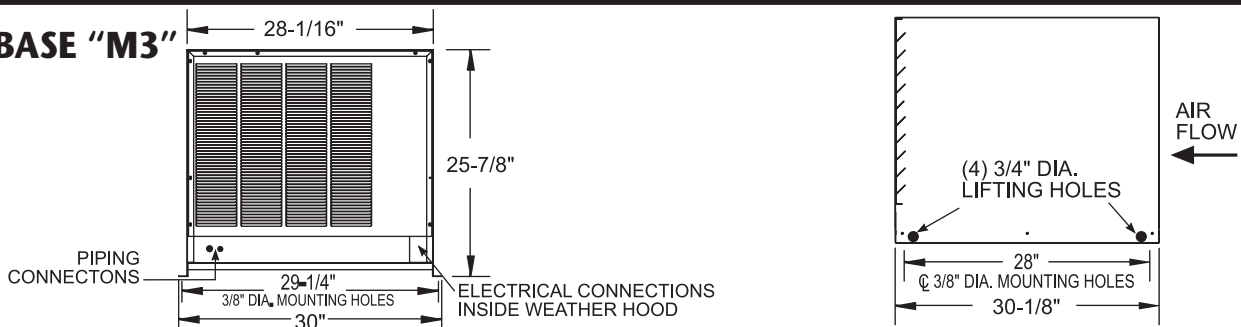
BASE "M1"



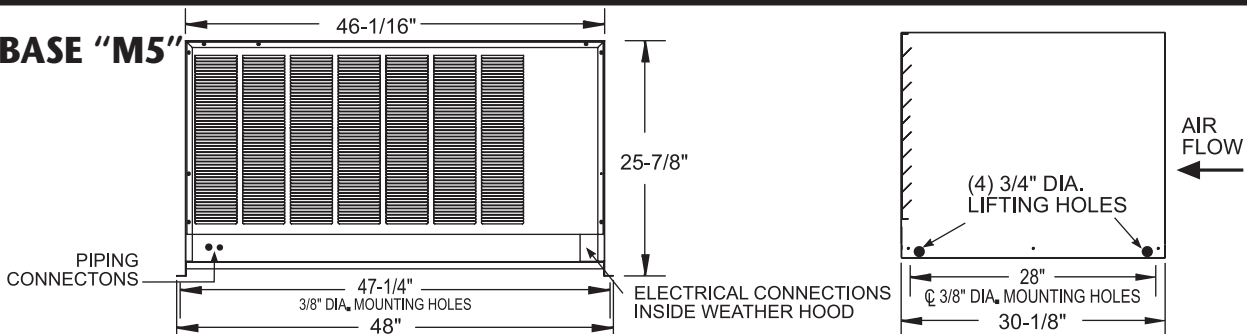
BASE "M2"



BASE "M3"



BASE "M5"



WALK-IN OPTIONS



Prices listed apply only when options are ordered along with a walk-in.

Walk-in Options

DOOR OPTIONS

DESCRIPTION	LIST PRICE
36 x 78 Clear Vu doors – medium temp	\$830
36 x 78 Clear Vu doors – low temp	\$943
36 x 78 strip curtain medium or low temp	\$212
Dead bolt lock	\$626
Digital thermometer (°F) – 115 volt	\$160
Foot treadle	\$202
Locking bar – one piece 36"	\$200
Panic bar – Russwin	\$691
Modularm 75 – flush mount	\$624
LCN door closer	\$394
3-way light switch – single	\$170
3-way light switch – dual	\$388
Evaporator fan cut-off switch	\$75
Weatherproof light switch	\$182
Third hinge	\$196
14 x 14 cooler viewport – 4" panel	\$392
14 x 14 freezer viewport – 4" panel	\$558
14 x 24 cooler viewport – 4" panel	\$501
14 x 24 freezer viewport – 4" panel	\$694
Foamed-in-place conduit	\$84
Rain canopy	\$22
36" structural floor threshold (10 ga. stainless steel)	\$129
Wall-mounted door stop (loose)	\$9
Tamper-proof fasteners	\$108
Raised sill (recess)	\$215
16 ga. stainless steel kickplates	\$33 per square foot
.080 textured aluminum kickplates	\$15 per square foot
1/8" diamond tread aluminum kickplates	\$24 per square foot

OTHER OPTIONS

DESCRIPTION	LIST PRICE
36" wide exterior ramp	\$781
36" wide interior ramp	\$867
Membrane roof package – flat	\$8 per square foot
Membrane roof package – sloped	USE QUOTE PRICE
3/4" exterior grade plywood underlayment	\$8 per square foot
Cove molding – aluminum	\$8 per linear foot
Cove molding – stainless steel	\$14 per linear foot
Bumper rails – McCue	\$15 per linear foot
Bumper rails – stainless steel hat channel	\$32 per linear foot
U-channel screeds	\$7.25 per linear foot
115v double door relief port (magnum flow ventilator)	\$1559
Fluorescent light with bulbs – medium temp	\$323
Fluorescent light with bulbs – low temp	\$323
100 watt up light fixture	\$20
Non-skid floor strips (60 ft. roll)	\$118

OPTIONAL 5000 LB. STRUCTURAL FLOORING

A HEAVY-DUTY FLOOR FOR HEAVY-DUTY TRAFFIC

Master-Bilt's structural floor withstands heavy usage from pallet jacks or carts without delaminating and allows for heavier-loaded inside shelves. At the same time, it saves labor by allowing transports to be driven directly into the walk-in and unloaded. No need to carry product in on a two-wheeler a few items at a time. The floor is designed to withstand a pallet jack or equivalent transporter with an evenly distributed load of 5000 lbs. over all four wheels.

LIST
PRICE:
\$21.50 per sq. ft.

METAL FINISHES – WALLS AND CEILINGS

DESCRIPTION	LIST PRICE
White stucco galvalume	\$0.73 per square foot*
.040 stucco aluminum	\$2.37 per square foot*
.040 white stucco aluminum	\$2.71 per square foot*
22 ga. smooth stainless steel	\$11 per square foot*
22 ga. stucco stainless steel	\$12.25 per square foot*

*List price is in addition to standard stucco galvalume finish price.

METAL FINISHES – FLOORS

DESCRIPTION	LIST PRICE
16 ga. stainless steel	\$14 per square foot*
1/8" diamond foamed-in-place	\$10.25 per square foot*

*List price is in addition to standard textured aluminum floor finish price.

REFRIGERATION SYSTEM OPTIONS

DESCRIPTION	LIST PRICE
Adjustable low pressure control	\$189
Dual pressure control	\$244
Heated and insulated receiver – small	\$396
Heated and insulated receiver – large	\$761
Evaporator pre-assemble kit	\$145
Solenoid/temp control kit	\$296
Medium temp timer – mounted	\$145
Heat exchanger (for evap.)	\$323

EXTENDED FOUR YEAR COMPRESSOR WARRANTY FOR COOLERS AND FREEZERS

WARRANTY RANGE	NET PRICE	MASTER-BILT PART NO.
.5 – 1HP	\$95	MBWR010
1.5 – 3HP	\$125	MBWR030
1.5 – 3HP Scroll	\$175	MBWR030S
3 – 4HP Discus	\$275	MBWR040D
3.5 – 5HP	\$140	MBWR050
3.5 – 5.5HP Scroll	\$220	MBWR050S
5 – 6HP Discus	\$480	MBWR060D
6 – 7.5HP	\$240	MBWR075
6 – 10HP Scroll	\$300	MBWR100S
9 – 12HP	\$800	MBWR120
15 – 20HP	\$1000	MBWR200
22 – 30HP	\$1300	MBWR300
35 – 40HP	\$2200	MBWR400

Walk-in Options

THE MASTER CONTROLLER SYSTEM

The ground-breaking Master Controller is the latest in electronic refrigeration system control. It offers many vast improvements over the traditional methods of refrigeration monitoring and adjustment.

The Master Controller is custom-designed for Master-Bilt walk-in coolers and freezers to control an electric expansion valve in response to evaporator superheat and return air temperature.

FEATURES AND BENEFITS

Increased Reliability

Because many mechanical parts are replaced with solid state technology, the refrigeration system's reliability is greatly increased. Fewer parts also mean fewer potential problems and service calls. Downtime, when necessary, is greatly reduced.

Quicker Installation & Cost Savings

Installation time and labor costs are significantly reduced because all the electrical components are pre-wired and tested at the factory.

The Master Controller is designed to reduce start-up costs in other ways as well:

- **No power wiring is required between evaporator coils and condensing units (thermostat wire required when reverse cycle defrost is used)**
- The refrigeration system doesn't have to be "pulled down" to set the evaporator superheat
- The evaporator doesn't have to be wired or plumbed
- The solenoid valve doesn't have to be wired
- No need to install a room thermostat or set a defrost schedule

In some cases, you can save enough on the wiring installation alone to cover the cost of the Master Controller system.

The Master Controller is part of a Master-Bilt refrigeration system which also contains either a remote condensing unit (B-Series or M-Series) or a multi-compressor system (MRS or DRS series) and one or more evaporator coils. Other components include an electric expansion valve, temperature sensors, an optional remote display and an optional remote data logging and control system.

Convenience

All control board functions and diagnostics are accessed through a simple two-button panel display mounted on the front of walk-in evaporators. An optional remote panel display is also available.

Accuracy

Master Controller technology allows a vastly higher degree of precision over conventional methods when adjusting defrost and temperature settings.

Efficiency

The Master Controller demand defrost feature saves energy by only defrosting when necessary (see sidebar below).

Also, with the Master Controller's electric expansion valve, the refrigeration system can run without a condenser flooding valve allowing compressors to run more efficiently during colder weather.

Pre-set for Common Applications

Common industry temperature and defrost presets are already programmed into the control board. Just hook up the electrical supply and you're ready.

DEMAND DEFROST: A GIANT LEAP IN ENERGY EFFICIENCY

Traditional refrigeration systems are preset to defrost at certain times during the day regardless of the amount of frost buildup on the evaporator. Frost accumulation, however, is not always consistent. It is influenced by changeable conditions like ambient temperature, humidity and product load. Defrosting before a significant amount of frost accumulates is an energy-wasting process.

Master-Bilt's unique demand defrost feature offers an efficient alternative to the conventional

method. Demand defrost automatically detects the buildup of ice on an evaporator to determine if defrosting is required. Our extensive laboratory tests indicate that many unnecessary defrosts can be eliminated with demand defrost technology. Electricity consumption is also dramatically reduced. In some applications, up to 26% energy savings is possible.

The optional Master Controller features factory preset demand defrost as the default method.

OTHER MASTER CONTROLLER FEATURES & SPECIFICATIONS

Additional Functions

- Three relay outputs: defrost heater (20A), evaporator fan (10A) and alarm (5A)
- Master/slave application for up to 6 evaporators
- RS-485 port for remote display, setting and communication
- Operating voltage: 24V

Parts Eliminated

- Room thermostat
- Defrost timer
- Defrost heater contactor when the amp draw is less than 20A, single phase, 240VAC
- Thermostatic expansion valve
- Defrost termination/fan delay thermostat
- Evaporator fan contactor when the amp draw is less than 10A, single phase, 240VAC
- Liquid receiver on M-Series condensing units if reverse cycle defrost is used (see p. 64)

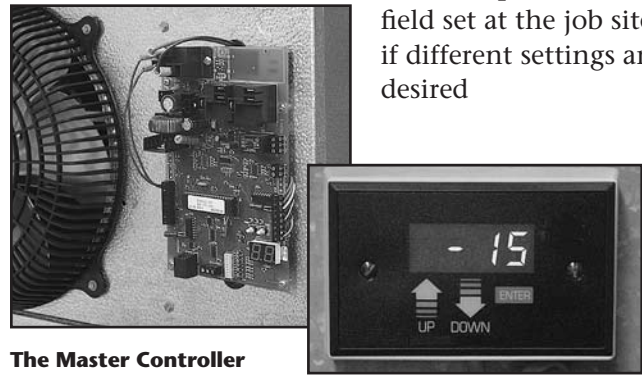
Parts Added (Factory-mounted)

- Controller with two-digit LED and two pushbuttons on panel interface for setup
- Three solid state temperature sensors
- Electric expansion valve
- Pressure transducer
- External relay to control liquid line solenoid valve or compressor contactor

- Liquid line solenoid valve for protection during power outages (if reverse cycle defrost is used, this valve isn't needed)
- 24V transformer
- Optional remote display panel with communication cable

Room Temperature Information

- Room temperature range: -40°F to 80°F
- Medium temperature application is pre-set at 35°F cut-out room temperature with air defrost
- Low temperature application is pre-set at -10°F cut-out room temperature with demand defrost
- The cut-in temperature differential is 5°F by default
 - The set points can be field set at the job site if different settings are desired



The Master Controller panel (shown above with housing removed) is mounted to the evaporator. An optional remote panel interface (above right) is also available.

MASTER CONTROLLER PRICING (CONSULT FACTORY FOR FURTHER DETAILS)

DESCRIPTION	LIST PRICE
Master Controller – single evaporator	\$2420
Master Controller – remote display	\$599

Walk-in Options

REVERSE CYCLE DEFROST

Eliminate inefficient defrost methods with this **patented* innovation** from Master-Bilt.

The process involves a reverse cycle valve which is added to the condensing unit. This valve is an optional component on Master Controller systems only.

The valve's primary function is to reverse the direction of refrigerant flow during defrost. When the Master Controller's demand defrost determines a defrost is necessary, the reverse cycle valve is activated and the high temperature refrigerant flow is reversed. The refrigerant flows back through the evaporator coil heating it along its entire length and completely eliminating frost buildup. Only a certain amount of the coil is heated by traditional defrost heaters, leaving ice deposits which weaken the evaporator's performance.

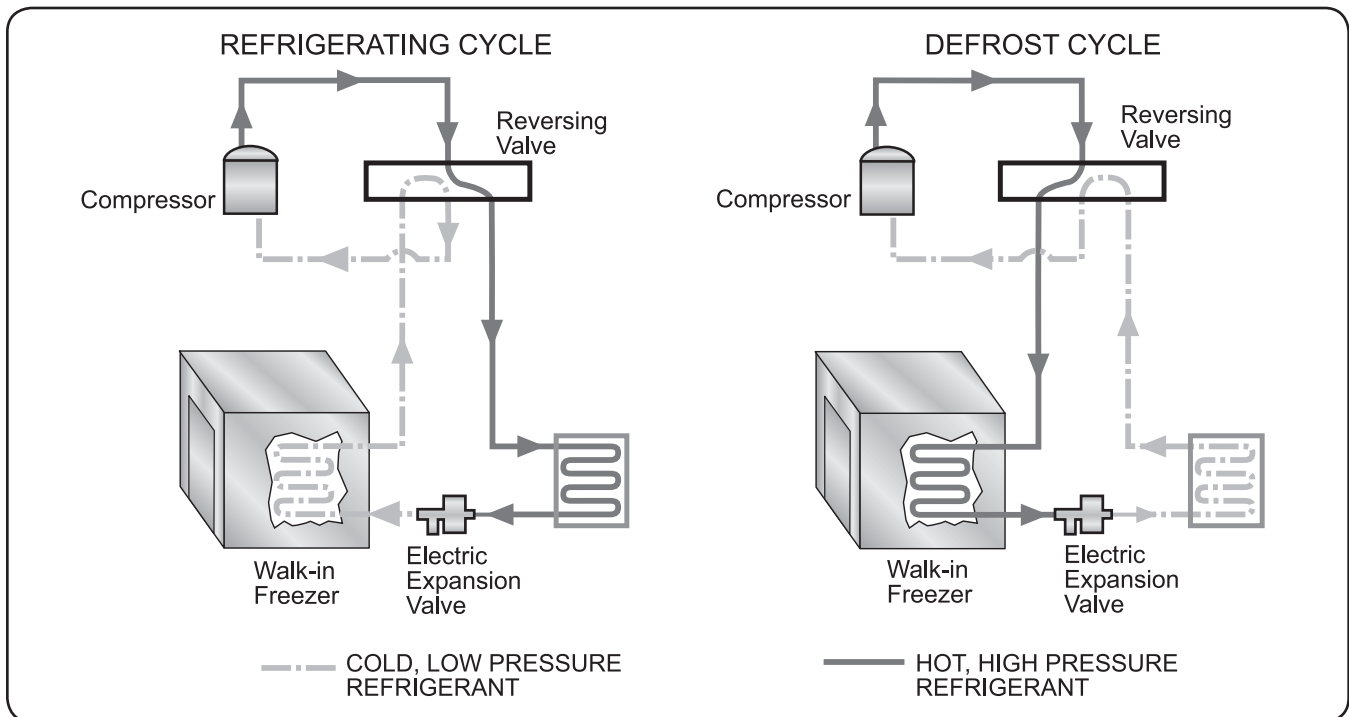
Reverse cycle technology offers several significant advantages. First of all, the process uses less energy than electric defrost heaters. **Reverse cycle results in an 80% reduction in defrost energy usage.** This savings coupled with that from the demand defrost feature dramatically reduces electrical bills.

Reverse cycle eliminates not only the need for defrost heaters, but also head pressure control valves, check valves and expansion valves at the condenser. Reverse cycle also eliminates the need for liquid receivers in most condensing units. Removing these components reduces the cost of the refrigeration system itself and saves on installation and wiring.

Defrost time is also greatly lessened. The average time using defrost heaters is 20-30 minutes. Reverse cycle performs a completely "clean" defrost in 3-5 minutes. Because the defrost is so rapid, there's no noticeable increase in freezer temperature and the product temperature rise is also significantly less.



The Master Controller with reverse cycle defrost won a Kitchen Innovations 2007 Award presented by the National Restaurant Association Restaurant, Hotel-Motel Show.



REVERSE CYCLE DEFROST PRICING (CONSULT FACTORY FOR FURTHER DETAILS)

DESCRIPTION	LIST PRICE
Reverse cycle defrost for condensing unit (single evap.)	\$226

*U.S. patent no. 7,073,344

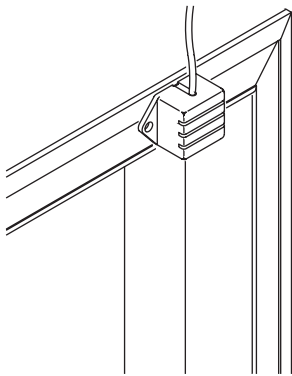
GREENHEAT™ ASM-115 ANTI-SWEAT CONTROL MODULE

The Master-Bilt Greenheat ASM-115 Anti-Sweat Control option is designed to save energy by turning off glass door and frame heaters when no door heat is necessary. A sensor mounted directly to the outside of the door frame is used to modulate the door and frame heaters as needed. Greenheat, designed to meet California energy standards, only runs heaters when the door surface temperature is below the dew point.

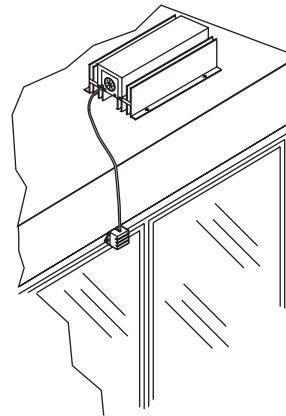
With only three wires and one sensor to install, the control is usually up and running in 30 minutes or less. No adjustments are necessary after installation. **Greenheat is one of the least expensive anti-sweat modules on the market and typically pays for itself within six months.**



**LIST PRICE:
\$1154**



The sensor must be mounted at the coldest spot on the door frame. Doing so should put the sensor directly in front of the electrical connections on the opposite side of the frame.



The body of the Greenheat device is mounted to the walk-in roof or a location that will be free from product stacking and other items that may cause damage.

ESTIMATED ANNUAL SAVINGS IN WALK-IN DOORS AND FRAMES WITH GREENHEAT

CITY	HEATER ENERGY SAVINGS	ENERGY COST PER KWHR	DOOR HEATER AMPS												
			6	8	10	12	14	16	18	20	22	24	26	28	30
Amarillo, TX	60.5%	\$0.075	\$378	\$504	\$630	\$756	\$881	\$1007	\$1133	\$1259	\$1385	\$1511	\$1637	\$1763	\$1889
Atlanta, GA	48.8%	\$0.063	\$256	\$341	\$427	\$512	\$597	\$683	\$768	\$853	\$939	\$1024	\$1109	\$1194	\$1280
Boston, MA	65.4%	\$0.106	\$577	\$770	\$962	\$1154	\$1347	\$1539	\$1731	\$1924	\$2116	\$2309	\$2501	\$2693	\$2886
Chicago, IL	65.6%	\$0.062	\$339	\$451	\$564	\$677	\$790	\$903	\$1016	\$1129	\$1242	\$1354	\$1467	\$1580	\$1693
Denver, CO	74.9%	\$0.061	\$380	\$507	\$634	\$761	\$888	\$1014	\$1141	\$1268	\$1395	\$1522	\$1648	\$1775	\$1902
Los Angeles, CA	44.5%	\$0.091	\$337	\$450	\$562	\$674	\$787	\$899	\$1011	\$1124	\$1236	\$1349	\$1461	\$1573	\$1686
Miami, FL	26.0%	\$0.084	\$182	\$242	\$303	\$364	\$424	\$485	\$545	\$606	\$667	\$727	\$788	\$849	\$909
Minneapolis, MN	65.2%	\$0.054	\$293	\$391	\$489	\$586	\$684	\$782	\$879	\$977	\$1075	\$1172	\$1270	\$1368	\$1466
Phoenix, AZ	58.7%	\$0.072	\$352	\$469	\$586	\$704	\$821	\$938	\$1056	\$1173	\$1290	\$1407	\$1525	\$1642	\$1759
Seattle, WA	59.2%	\$0.065	\$320	\$427	\$534	\$641	\$748	\$854	\$961	\$1068	\$1175	\$1281	\$1388	\$1495	\$1602
Tallahassee, FL	38.2%	\$0.083	\$264	\$352	\$440	\$528	\$616	\$704	\$792	\$880	\$968	\$1056	\$1144	\$1232	\$1320

Assumptions: -5°F freezer, .32 efficiency factor for refrigeration, 90% of anti-sweat heat goes into the freezer. Chart data based on field testing using Anthony model 101 doors. Different brand doors will yield similar results.

Walk-in Options

MBWA-1 DIGITAL WALK-IN ALARM & LIGHT MANAGEMENT SYSTEM



It's a "thermo-alarm-light-door-panic" solution for your walk-in cooler or freezer.

Now you can monitor your walk-in with electronic precision and ease using the optional factory-installed MBWA-1 walk-in alarm/light management system. Replace less accurate mechanical thermometers, separate alarms and light switches with this one convenient unit. The MBWA-1 is designed to save energy with its door open alarm and gives you the choice of one of two other options: A light management system or a panic alarm (see below for details on each).

Other features include:

- LED temperature display
- High/Low temperature alarms with delays
- Optional battery back-up

FEATURES	BENEFITS
Temperature Alarms	<ul style="list-style-type: none"> • Both high and low alarm points can be easily set from the front keypad • Alarm delays can be set from 0 to 255 minutes • Alarm will re-set when the temperature returns to normal range • "HA" or "LA" will flash on the display along with the actual temperature • An 8A "dry contacts" terminal can operate an outboard buzzer, light or even a phone dialer • The keypad can be programmed to turn off the alarm by pressing the UP key • Standard probe lengths are five ft., 50 ft. and 75 ft., can be extended up to 300 ft.
Door Open Alarm (Leaving the walk-in door open for extended periods is the biggest energy waster)	<ul style="list-style-type: none"> • Alarm can be set with a delay from 0 to 255 minutes • The "dA" alarm will flash along with the actual temperature • Audible alarm will also sound • Closing the door turns off the alarm • Any standard door switch will work
Light Management Option (Leaving the light on is the second biggest energy waster)	<ul style="list-style-type: none"> • Light can be turned on from the keypad • The timer can be set to turn the light off automatically from one to 255 minutes • Light can be turned on just by opening the door and will turn off automatically • Add an occupancy sensor and the light will turn on when someone is present and turn off automatically after a programmed time delay • Able to control up to 2000 watts of lighting
Temperature Readout	<ul style="list-style-type: none"> • Via bright red LEDs with a range from -40 to 230°F • The display update time can be set from one second to 4½ minutes. This better reflects product temperatures typically with a two to three minute delay. It also prevents false alarms.
Panic Alarm Option	<ul style="list-style-type: none"> • Required by some local ordinances in case of entrapment or trouble inside the walk-in • When initiated, a super-bright LED on the display will illuminate along with the "Pan" display alternating with the actual temperature • Interior panic button included

MBWA-1 PRICING

DESCRIPTION	LIST PRICE
MBWA-1 alarm & light management system	\$340

WALK-IN RETROFIT PARTS



Retrofit Doors

STANDARD V-SERIES RETROFIT DOORS

DESCRIPTION	COOLER LIST PRICE	FREEZER LIST PRICE
26" x 78", 30" x 78" & 36" x 78" size retrofit doors	\$2830	\$3150

HEAVY-DUTY E-SERIES RETROFIT DOORS

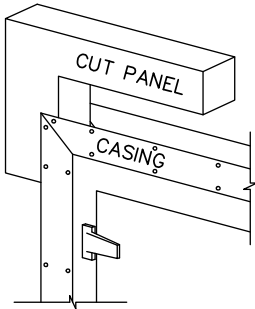
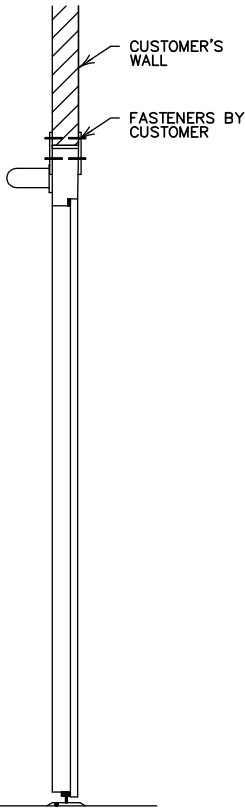
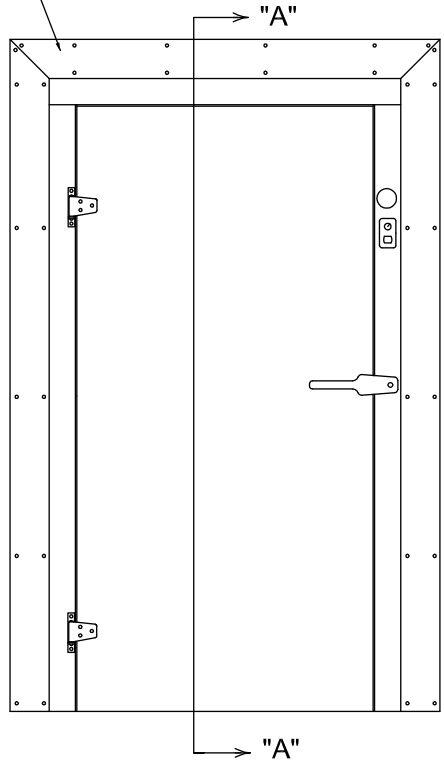
DESCRIPTION	COOLER LIST PRICE	FREEZER LIST PRICE
26" x 78", 30" x 78" & 36" x 78" size retrofit doors	\$3465	\$3620

Retrofit doors and frames include:

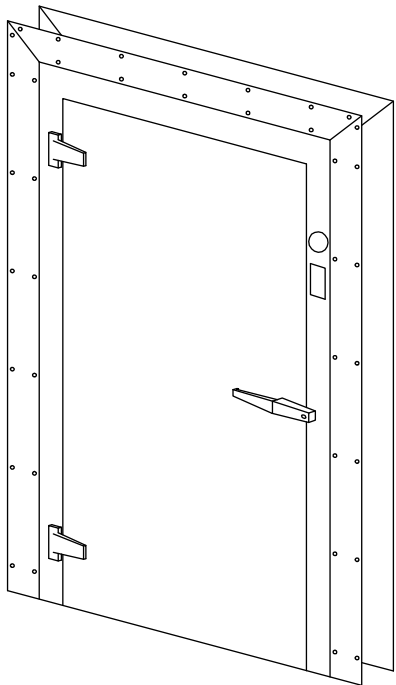
- Standard deadbolt locking handle
- Two spring-loaded hinges
- Standard door closures
- Dial thermometer
- Light switch
- Trim for mounting
- Pressure relief ports on freezers

**Larger door sizes available, consult factory for details.
See p. 60 for available door options.**

3" WIDE x 16 GA. GALV. STEEL MOUNTING TRIM FOR FLUSH MOUNT INSTALLATION W/PRE-DRILLED MOUNTING HOLES. TRIM IS TO SANDWICH DOOR FRAME AND EXISTING PANEL WALLS ON 3 SIDES. TRIM IS TO BE FIELD MOUNTED, AND ALL FASTENERS ARE TO BE PROVIDED BY CUSTOMER.



SECTION "A-A"



WALK-IN RETROFIT PARTS

Retrofit Floor Overlays & Refrigeration

METAL FINISHES – FLOOR OVERLAY

DESCRIPTION	LIST PRICE
.080 textured aluminum	\$14.50 per square foot
1/8" diamond treadplate	\$28.50 per square foot
3/16" diamond treadplate	\$33 per square foot
1/4" diamond treadplate	\$30 per square foot
16 ga. stainless steel	\$37 per square foot

See pp. 18-21 in Quick Ship section for available retrofit refrigeration systems.



908 Hwy. 15 North • New Albany, MS 38652 • 800-647-1284/662-534-9061 • FAX: 800-232-3966
 Warranty Parts & Service: 800-684-8988 • FAX: 866-882-7629

LIMITED ONE YEAR PARTS & LABOR WARRANTY FOR WALK-INS

Master-Bilt warrants to the original purchaser-user that its foamed-in-place panels will be free from insulation failure for TEN YEARS from original installation by an authorized representative, under conditions of normal use and recommended maintenance. The obligation of Master-Bilt shall be limited to repairing or replacing (at its option) walk-in panel, which is defective in the reasonable opinion of Master-Bilt. The user will have the responsibility and expense of removing and returning the defective panel to Master-Bilt as well as the cost of re-installing the replacement or repaired panel.

Master-Bilt warrants to the original purchaser-user that all parts of its walk-in cooler and freezers, except expendable electrical components, will be free from defects in material and workmanship for not longer than ONE YEAR from original installation by an authorized representative or ONE YEAR AND THREE MONTHS from shipment, under conditions of normal use and recommended maintenance. A one year parts & labor warranty shall apply to the door, door frame & its parts installed by authorized or approved Master-Bilt dealers, distributors, service companies or refrigeration contractors. A one year parts & labor warranty shall apply to remote refrigeration systems installed by authorized or approved Master-Bilt dealers, distributors, service companies or refrigeration contractors. A one year parts & labor warranty shall apply to self-contained refrigeration equipment that are installed by authorized or approved Master-Bilt dealers, distributors, service companies or refrigeration contractors. Your local compressor supplier should exchange the compressor at no charge during first year warranty. The labor warranty does not cover the cost (parts or labor) of installation, start-up, normal maintenance, or normal control adjustment. The cost of service labor reimbursed will be based on straight-time rate and reasonable time for the repair or replacement of the defect following Master-Bilt's guidelines. Written notice of a claim under this Warranty must be received by the Company within ONE YEAR from the date of installation but no longer than ONE YEAR AND THREE MONTHS from shipment.

The obligation of Master-Bilt shall be limited to repairing or replacing (at its option) any walk-in part, or piece of equipment, which is defective in the reasonable opinion of Master-Bilt. The user will have the responsibility and expense of returning the defective part or piece of equipment to Master-Bilt. All claims submitted must have the equipment serial number on the claim.

Defective conditions caused by abnormal use or misuse, lack of or improper maintenance, damage by third parties, alterations, acts of God, failure to follow installations or safety instructions or any other event beyond the control of Master-Bilt will not be covered under this Warranty.

THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

In no event shall Master-Bilt be liable for loss of use, revenue or profit or for any other indirect, incidental, special or consequential damage including, but not limited to food spoilage or product loss.

The Warranty shall apply only within the continental United States, its territories and possessions and in Canada.

OPTIONAL LIMITED FOUR YEAR COMPRESSOR REPLACEMENT WARRANTY

The Company warrants, if purchased on the original invoice to the original purchaser-user that it will supply a replacement compressor on the equipment if found to be defective (in the reasonable opinion of the Company) in material or workmanship if written notice is given within five years from date of shipment.

Defective conditions caused by abnormal use or misuse, lack of or improper maintenance, damage by third parties, alterations, acts of God, failure to follow installation, maintenance or safety instructions or any other event beyond the control of the Company will not be covered under this Warranty. The Compressor Replacement Warranty does not apply to any part of the equipment other than the compressor. The user will have the responsibility and expense of removing and returning the defective compressor to the Company as well as the cost of reinstalling the replacement compressor. The Company may satisfy its obligations hereunder by supplying a replacement compressor, which, is reasonably similar in design and capacity.

THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

In no event shall the Company be liable for loss of use, revenue or profit or for any other indirect, incidental, special or consequential damages, but not limited to, losses involving food spoilage or product loss.

This Compressor Replacement Warranty shall apply only within the continental United States, its territories and possessions and in Canada.

REPLACEMENT PART WARRANTY

Master-Bilt warrants to the original purchaser-user that all parts purchased after the first year warranty period will be warranted for 90 days from invoice date.

Compressor Serial Number:

Invoice Date:

SAMPLE

SAMPLE

Notes

Terms Of Sale

- 1. PRICES.** This list supersedes all other price lists. Master-Bilt reserves the right to change the price of the equipment without notice. All quotations for equipment shall be void if not accepted within 30 days.
- 2. DELIVERY.** Shipping or delivery date is approximate. Seller will not be liable for failure to deliver due to strikes, supplier's delays, changes requested by buyer or any causes beyond Master-Bilt's control.
- 3. SHIPMENTS.** When possible, requested carrier will be used. Master-Bilt, however, reserves the right to ship via any responsible carrier. Shipping charges are payable by consignee and any claims arising as to such charges shall be resolved between the carrier and consignee. All prices are F.O.B. factory.
- 4. DAMAGE.** Claims for damage in transit must be made by the consignee with the carrier. Master-Bilt assumes no responsibility for damages while in transit.
- 5. TAXES.** Federal, state, city sales or use taxes are not included with these prices.
- 6. CANCELLATIONS/RETURNED GOODS.**
 - A. STOCK ITEMS.** All cancelled orders and returned goods will be assessed a minimum of 25% cancellation or restocking charge. Merchandise may not be returned without written authorization from the Seller. Requests for return must be made within 90 days after shipment. Return authorizations issued
- are valid for 30 days. Products must be returned in their original factory packaging with freight prepaid. They shall not have been used and must be in the same condition as originally shipped by Master-Bilt.
- B. NON-STOCK ITEMS.** Orders for custom or modified units cannot be cancelled or returned.
- 7.** All orders not shipped within 60 days of order date are subject to storage charges and/or price increases.
- 8. WARRANTY.** See p. 71 for Master-Bilt warranty details.
- 9.** Possession of price list does not constitute intent to sell.
- 10.** Storage charges are applicable to any cabinet or walk-in that does not ship within two weeks of completion. Charges are calculated at \$25.00 per week per cabinet or, for walk-ins, \$25.00 per week per skid of panels or crated materials.

Special Considerations

- 1. FREIGHT CLASSIFICATIONS.** All walk-in panels, options (shipped loose) and refrigeration systems shown in this price list are class 85. **NOTE: Classifications are based on the use of Master-Bilt specified carriers. Third party classifications and rates may vary.**
- 2. OFF-SITE WAREHOUSING.** Shipments originating from off-site Master-Bilt warehouses will include a \$35.00 handling fee per piece plus applicable freight/associated fees.
- 3. MINIMUM INVOICE AMOUNT.** A minimum invoice of \$40.00 applies to all orders.
- 4. CREDIT CARDS ACCEPTED.** Master-Bilt proudly accepts the following:



Our equipment is featured in





All Non-Warranty Parts Distributed By



Phone: 800-458-5593/260-482-1444

Fax: 800-800-4981/260-482-4542

E-mail: master-biltinfo@hfse.com

For the latest product information and specifications go to www.master-bilt.com/products/products.htm.



908 Highway 15 North • New Albany, MS 38652
Phone: 800-647-1284 • Fax: 800-232-3966
www.master-bilt.com



Due to continuous product enhancements, we reserve the right to change specifications without notice.

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