



Quick Ship Walk-In

Nominal Size: 6'0" x 6'0"



General

Walk-ins will 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.

Per DOE requirements, panels and doors are designed and certified for use in walk-in cooler and freezer applications.

Insulation

4" thick rigid polyurethane, pour-type, foamed-in-place. Per DOE requirements, minimum R-values for 4" thick panels are:

- Cooler walls, ceilings and doors: R-25
- Freezer walls, ceilings and doors: R-32
- Freezer floors: R-28

Master-Bilt meets or surpasses these minimums with R-32 on all panels.

Metal Finishes

Interior and exterior wall and roof finish of walk-in coolers and freezers is 26 gauge acrylic coated stucco galvanized steel. Floor interior finish is .080 textured aluminum. Floor panels are designed to support an evenly distributed load of 700 lbs. per square foot loading (stationary load).

Entrance Door

Stock walk-ins will be complete with one (1) each infitting (flush-mount) self-closing entrance door. Standard V-Series doors are 36" x 78" with the following energy consumption (kWh/day):

- Coolers: 2.77
- Freezers: 7.79

Entrance door includes:

- Adjustable backing plate for each hinge providing for in-field adjustment of door hinges
- Two (2) spring loaded cam-lift hinges
- Hydraulic door closure
- Deadbolt-locking handle
- Pre-wired compact fluorescent 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

PRS-2 Series Refrigeration System

Dedicated medium temp outdoor condensing units meet the DOE

requirement of a minimum AWEF rating of 7.61 (Btu/W-h).

PRS-2 series refrigeration systems consist of a precharged quick-connect condensing unit and evaporator coil. Each system will be provided wired, piped, evacuated, optimally charged and run tested. All models will be ready to mount on top of a Master-Bilt walk-in cooler or freezer.

The PRS-2 system has a flush coil which keeps all components outside the walk-in storage area, allowing more storage inside. No plumbing required on indoor units.

All indoor PRS-2 models are equipped with either a discharge gas condensate vaporizer or an optional electric condensate vaporizer. Outdoor models are equipped with low ambient controls consisting of crankcase heater, flooded condenser head pressure control and pump down cycle. Additionally, all models will be equipped with a standard electronic control system.

Consult factory for agency listings and approvals.

Ratings and Listings

- Structural Strength
- 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
- State of Oregon (consult factory)
- City of Houston Approval
- State of Wisconsin Approval
- State of California Bureau of Home Furnishings and Thermal Insulation Manufacturer Approval
- Type I Fabricator's License Approval
- Toxicity Evaluated
- Fully compliant with all Federal EISA requirements effective January 1, 2009

Reports available from factory on request.

Warranty

18 months limited parts and labor and extended four year compressor warranty. Panels are covered for 15 years.

Options

- Door & frame kickplates (shipped loose)
- 4 foot LED light fixtures (shipped loose)
- Vinyl strip curtains for entry doors (shipped loose)
- Exterior door ramps
- Two-piece locking bar (shipped loose)
- U-channel floor screed for less-floor models (shipped loose)

ORDERING GUIDE

EXAMPLE: MB5720606CIR

MB5

06

06

FAMILY	HEIGHT	WIDTH	LENGTH	TEMPERATURE	LOCATION	PRS-2 REFRIGERATION TYPE	DOOR SWING
Master-Bilt® 5-day Quick Ship	72 - less floor 82 - less floor 76 - with floor 86 - with floor	06 - 5'10" actual	06 - 5'10" actual	C - cooler 35-38°F F - freezer -10°F (requires floor)	I - indoor O - outdoor	Blank - standard HD - heavy-duty	R - right L - left

PRS-2 SERIES REFRIGERATION SYSTEM DATA

PRS-2 Model	90°F Capacity BTUH -10°F*	90°F Capacity BTUH 35°F*	Refrig.	Cond. Unit RLA	Cond. Unit MCA	Cond. Unit Max fuse	Cond. Unit Weight (LB/KG)	Unit Cooler MCA	Unit Cooler Max Fuse	Unit Cooler Weight (LB/KG)	Total System MCA	Total System Max Fuse	Cond. Unit Voltage	Unit Cooler Voltage
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INDOOR

COOLER – CEILING MOUNT SYSTEM, STANDARD DUTY

PHMD0050A	N/A	4060	R449A	7.5	10.5	15	150/68	0.5	15	148/67	11.35	15	120	120
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FREEZER – CEILING MOUNT SYSTEM, STANDARD DUTY

PSLD0125B	3444	N/A	R449A	7.4	10.7	15	165/75	9	15	148/67	10.95	15	208/230	208/230
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COOLER – CEILING MOUNT SYSTEM, HEAVY DUTY

PSMD0075B	N/A	6250	R449A	6	8.6	15	165/75	0.3	15	148/67	8.85	15	208/230	208/230
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FREEZER – CEILING MOUNT SYSTEM, HEAVY DUTY

PSLD0125B	3444	N/A	R449A	7.4	10.7	15	165/75	9	15	148/67	10.95	15	208/230	208/230
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OUTDOOR (Dedicated medium temp outdoor condensing units meet the DOE requirement of a minimum AWEF rating of 7.6 Btu/W-h).

COOLER – CEILING MOUNT SYSTEM, STANDARD DUTY

PHMD0050AT	N/A	4060	R449A	7.5	10.5	15	155/70	0.5	15	148/67	10.54	15	120	120
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FREEZER – CEILING MOUNT SYSTEM, STANDARD DUTY

PSLD0125BT	3444	N/A	R449A	7.4	10.7	15	175/80	9	15	148/67	10.04	15	208/230	208/230
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COOLER – CEILING MOUNT SYSTEM, HEAVY DUTY

PSMD0075BT	N/A	6250	R449A	6	8.6	15	175/80	0.5	15	148/67	9.37	15	208/230	208/230
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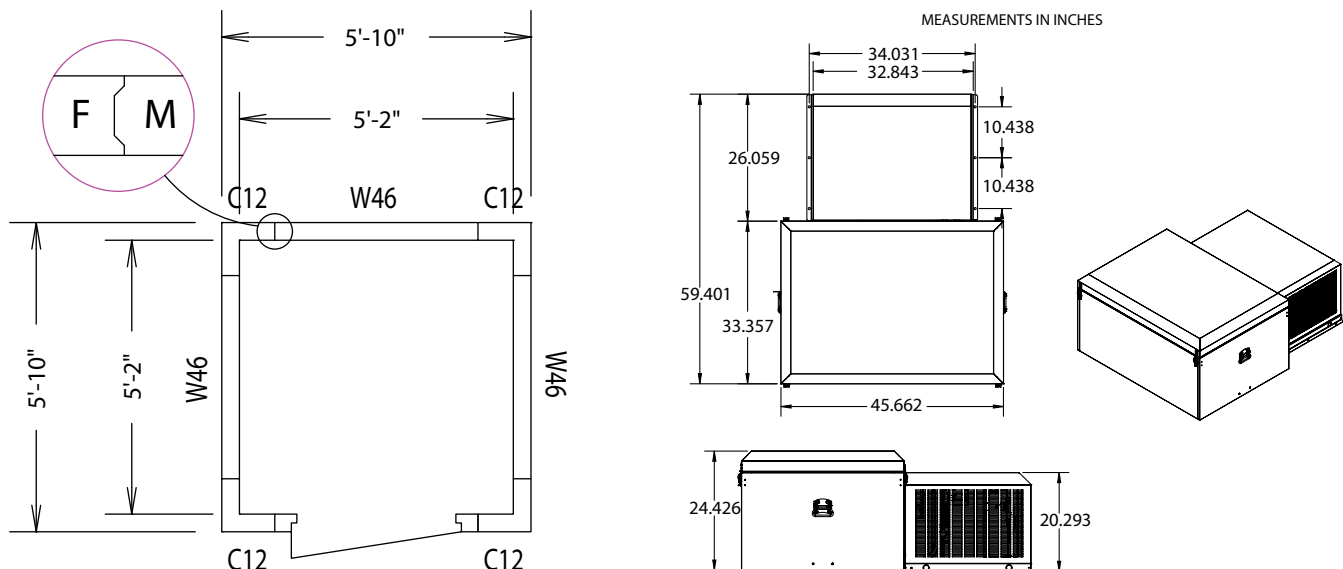
FREEZER – CEILING MOUNT SYSTEM, HEAVY DUTY

PSLD0125BT	3444	N/A	R449A	7.4	10.7	15	175/80	9	15	148/67	10.04	15	208/230	208/230
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*BTUH calculated using 16 hour design runtimes on coolers and 20 hour design runtimes on freezers.

PRS-2 refrigeration is sized for holding duty only. If the ambient is higher than 100°F or pull down capacity is required, a regular (non-quick ship) quote will be needed. Consult factory for agency listings. **Depending on local codes, a licensed electrician and refrigeration installer may be required to make all necessary refrigeration and electrical connections.**

DIMENSIONAL DATA



Note: Door can be installed in any W46 panel location.