



PolarBox Series 8' x 12' Quick Ship Walk-In Freezer With Floor & Remote Refrigeration

(Model: PBFWF8X12-RM)



★★★★★ (4.7/5)

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WARRANTY

10-Year Panel, 1-Year Door Parts, 2-Year Compressor & Parts, 1-Year Labor on Refrigeration Unit

SPECIAL FEATURES

- ✔ **Heavy Gauge Build**
Constructed using 24 gauge white galvanized steel for structured use in commercial kitchens and cold storage environments.
- ✔ **Thermal Insulation**
4-inch polyurethane insulation with R-28 thermal resistance supports controlled freezing conditions.
- ✔ **TXV Flow Control**
Thermostatic expansion valve with liquid line solenoid valve manages refrigerant flow distribution.
- ✔ **Keyed Lock Access**
Door includes keyed locking system for restricted access in restaurant and catering storage units.
- ✔ **Pressure Relief Vent**
Built-in pressure relief vent supports internal pressure balance during door operation cycles.
- ✔ **Modular Assembly**
Cam-lock, tongue & groove panel design supports structured installation in walk-in freezer setups.
- ✔ **Remote Cooling System**
Remote refrigeration setup separates cooling equipment from storage chamber for commercial kitchen layouts.
- ✔ **Self Closing Door**
Single solid door with self-closing mechanism supports controlled access in food storage areas.
- ✔ **Heating Wire System**
Integrated heating wire supports door operation in low-temperature freezer environments.
- ✔ **Warranty Coverage**
Includes 10-year panel warranty, 1-year door parts, 2-year compressor & parts, and 1-year labor on refrigeration unit.



PRODUCT OVERVIEW

The PolarBox Series Walk-In Freezer is a commercial cold storage solution designed for restaurants, hotels, catering units, and food processing facilities requiring structured frozen storage. It features white galvanized steel construction with 24 gauge material strength and polyurethane insulation with R-28 thermal resistance for controlled low-temperature environments.

The unit follows a modular cam-lock, tongue & groove design, supporting structured panel assembly. It comes with a 4 in insulation thickness across panels and a 12 ft nominal depth with 8 ft nominal width, forming a 7 ft nominal height enclosure. External dimensions are 98" (W) x 138" (D) x 91" (H), supporting indoor and outdoor installation layouts.

This walk-in freezer operates on a 1 phase, 208/230 V, 60 Hz electrical system and uses remote refrigeration with included condensing unit and evaporator. It utilizes R-448A refrigerant with thermostatic expansion valve (TXV/TEV) and liquid line solenoid valve for refrigeration flow control.

The system includes a single solid flush-mounted door with self-closing function, keyed lock, door height of 77 in, and integrated heating wire with pressure relief vent. It comes with a standard galvanized steel floor and CFC & HFC free insulation materials for structured cold storage applications.

CERTIFICATIONS

UI Listed US

NSF Listed

DOE

SPECIFICATION

ATTRIBUTE	VALUE	ATTRIBUTE	VALUE
Product Width	98 inch	Product Depth	138 inch
Product Height	91 inch	Hertz	60 hertz
Phase	1 Phase	Voltage	208-230 volt
Compressor Location	Remote	Door Type	Solid
Insulation Thickness	4 inch	Insulation Material	Polyurethane
Hinge Type	Modular Cam-Lock, Tongue & Groove Design	Door Lock	Keyed Lock
Material	White Galvanized Steel	Plug Type	Hardwired
Refrigerant Type	R-448A	Usage	Indoor / Outdoor
Type	Walk-In Freezer	Country of Origin	Proudly Made in America
Selling Unit	1/Each	Nominal Depth	12 ft



SPECIFICATION

ATTRIBUTE	VALUE	ATTRIBUTE	VALUE
Nominal Width	8 foot	Nominal Height	7 foot
Door Height	77 inch	Floor	With Floor
Included	Condensing Unit and Evaporator	Gauge	24 Gauge
Thermal Resistance	R-28	Material Type	CFC & HFC Free
Refrigeration Type	Remote Refrigeration	Features	Self-Closing, Flush-Mounted Door, Heating Wire and Pressure Relief Vent
Valve Type	Thermostatic Expansion, Liquid Line Solenoid Valve (TXV/TEV)	Number of Doors	1 Door
Series	PolarBox Series	Floor Material	Standard Galvanized Steel Floor
Door Width	Choice of 30" or 36"	Door Style	Swing

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