



PolarBox Series 8' x 18' Quick Ship Walk-In Freezer With Floor & Top Mounted Refrigeration

(Model: PBFWF8X18-TM)



★★★★★ (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

- Steel Construction**
 White galvanized steel with 24 gauge structure supports commercial kitchen cold storage applications.
- Extended Depth**
 18 ft nominal depth supports large-scale frozen storage capacity in commercial operations.
- Top Mounted Cooling**
 Top mounted refrigeration system supports equipment positioning above storage chamber.
- Solid Door Design**
 Single solid flush-mounted door supports structured access in commercial food storage areas.
- Self Closing Feature**
 Self-closing door mechanism supports controlled entry and exit in freezer operations.
- Modular Panels**
 Cam-lock tongue & groove design supports structured walk-in freezer assembly.
- Thermal Insulation**
 4 in polyurethane insulation with R-28 thermal resistance supports low-temperature storage conditions.
- Refrigerant Control**
 R-448A refrigerant with TXV/TEV valve and solenoid system supports regulated cooling flow.
- Door Security**
 Keyed lock system supports restricted entry in restaurant and catering environments.
- Warranty Coverage**
 Includes 10-year panel, 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 system designed for restaurants, hotels, catering kitchens, and food handling facilities requiring high-capacity frozen storage. It is constructed with white galvanized steel and 24 gauge panels suitable for structured use in commercial kitchen environments.

The unit uses a modular cam-lock, tongue & groove design for panel-based assembly. It features 4 in polyurethane insulation with R-28 thermal resistance, supporting controlled low-temperature storage. The enclosure measures 98" (W) x 217" (D) x 91" (H), with nominal dimensions of 8 ft width, 18 ft depth, and 7 ft height.

This walk-in freezer operates on a 1 phase, 208/230 V, 60 Hz electrical system and uses a top mounted refrigeration configuration. It includes R-448A refrigerant with thermostatic expansion valve (TXV/TEV) and liquid line solenoid valve for regulated refrigeration flow in commercial applications.

The unit is fitted with a single solid flush-mounted door with self-closing function, keyed lock, 77 in door height, heating wire, and pressure relief vent. It includes a standard galvanized steel floor and CFC & HFC free insulation material suitable for indoor and outdoor installation.

CERTIFICATIONS

- UI Listed US
- NSF Listed
- DOE

SPECIFICATION

ATTRIBUTE	VALUE	ATTRIBUTE	VALUE
Product Width	98 inch	Product Depth	217 inch
Product Height	91 inch	Hertz	60 hertz
Phase	1 Phase	Voltage	208-230 volt
Compressor Location	Top Mounted	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	18 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	Top Mounted Refrigeration	Features	Self-Closing, Flush-Mounted Door, Heating Wire and Pressure Relief Vent
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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