



PolarBox Series 8' x 21' Quick Ship Walk-In Freezer With Floor & Remote Refrigeration

(Model: PBFWF8X21-RM)



★★★★★ (4.7/5)

Buy Now

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**
 21 ft nominal depth supports high-capacity frozen storage for commercial operations.
- Remote Refrigeration**
 Remote system separates refrigeration equipment from storage chamber for flexible installation layouts.
- 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 extended frozen storage capacity. 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 panel system for structured assembly. It features 4 in polyurethane insulation with R-28 thermal resistance, supporting controlled low-temperature storage. The enclosure measures 98" (W) x 256" (D) x 91" (H), with nominal dimensions of 8 ft width, 21 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 remote 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	256 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	21 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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