



PolarBox Series 12' x 21' Quick Ship Floorless Walk-In Cooler with Remote Refrigeration

(Model: PBCNF12X21-RM)



★★★★★ (4.7/5)

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WARRANTY

**10-Year Panel, 1-Year
Parts on Doors, 1-Year
Compressor & Parts on
Remote Refrigeration
Unit**

SPECIAL FEATURES

- Extended Storage Capacity**
 138" x 256" x 87" dimensions support refrigerated storage for commercial kitchen food handling operations.
- R-28 Thermal Resistance**
 4-inch polyurethane insulation supports temperature retention in refrigerated food storage areas.
- Solid Swing Door**
 Single solid swing door with 77-inch height supports controlled access during restaurant operations.
- Cam-Lock Panel Assembly**
 Modular cam-lock and tongue & groove system supports panel alignment and installation.
- TXV Valve System**
 Thermostatic expansion valve and liquid line solenoid valve support refrigeration flow regulation.
- Remote Refrigeration Setup**
 Remote refrigeration configuration includes condensing unit and evaporator for external cooling placement.
- Certified Commercial Standards**
 UL Listed US, NSF Listed, and DOE certifications align with commercial refrigeration requirements.
- Self-Closing Door Design**
 Flush-mounted self-closing door supports structured workflow in commercial kitchen environments.
- Floorless Configuration**
 Without-floor design supports flexible installation across commercial refrigeration layouts.
- Warranty Coverage**
 Includes 10-year panel warranty, 1-year door parts warranty, and 1-year compressor and remote refrigeration unit parts warranty.



PRODUCT OVERVIEW

The PolarBox Series Walk-In Cooler is a commercial refrigeration unit designed for restaurants, commercial kitchens, and food service operations requiring refrigerated storage space. It is constructed with white galvanized steel and supports indoor and outdoor installation environments. The unit operates with a remote refrigeration configuration and includes condensing unit and evaporator for integrated cooling operation.

The unit measures 138" (L) x 256" (W) x 87" (H) with a nominal size of 12 ft width, 21 ft depth, and 7 ft height, supporting refrigerated food storage in commercial kitchen applications. It features 4-inch polyurethane insulation with R-28 thermal resistance for temperature retention in refrigerated environments. The electrical setup operates on 1-phase, 208/230 V, 60 Hz power with a hardwired connection type.

The door system includes one solid swing door with 77-inch height, self-closing operation, flush-mounted construction, keyed lock, and modular cam-lock tongue & groove hinge design. This configuration supports organized access in restaurant food storage areas. The floorless structure supports installation flexibility across different commercial refrigeration layouts.

The refrigeration system uses thermostatic expansion valve (TXV/TEV) and liquid line solenoid valve for refrigeration flow regulation. It is constructed using 24 gauge CFC & HFC-free material and carries UL Listed US, NSF Listed, and DOE certifications. Warranty coverage includes 10-year panel warranty, 1-year parts on doors, and 1-year compressor and remote refrigeration unit parts warranty.

CERTIFICATIONS

UI Listed US

NSF Listed

DOE

SPECIFICATION

ATTRIBUTE	VALUE	ATTRIBUTE	VALUE
Product Width	138 inch	Product Depth	256 inch
Product Height	87 inch	Door Height	77 inch
Nominal Depth	21 ft	Nominal Width	12 foot
Nominal Height	7 foot	Hertz	60 hertz
Phase	1 Phase	Voltage	208-230 volt
Door Style	Swing	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	Type	Walk-In Cooler
Floor	Without Floor	Plug Type	Hardwired



SPECIFICATION

ATTRIBUTE	VALUE	ATTRIBUTE	VALUE
Refrigeration Type	Remote Refrigeration	Usage	Indoor / Outdoor
Country of Origin	Proudly Made in America	Selling Unit	1/Each
Gauge	24 Gauge	Thermal Resistance	R-28
Material Type	CFC & HFC Free	Features	Self-Closing, Flush-Mounted Door
Valve Type	Thermostatic Expansion, Liquid Line Solenoid Valve (TXV/TEV)	Number of Doors	1 Door
Included	Condensing Unit and Evaporator	Series	PolarBox Series
Door Width	Choice of 30" or 36"	Compressor Location	Remote

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