



## PolarBox Series 10' x 20' Quick Ship Walk-In Freezer With Floor & Top Mounted Refrigeration

(Model: PBFWF10X20-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.
- Large Capacity Depth**  
 20 ft nominal depth supports higher frozen storage capacity for commercial kitchen operations.
- Top Mounted System**  
 Top mounted refrigeration configuration supports equipment placement 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 controlled freezing 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 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 118" (W) x 236" (D) x 91" (H), with nominal dimensions of 10 ft width, 20 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

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## SPECIFICATION

| ATTRIBUTE            | VALUE                                    | ATTRIBUTE           | VALUE                   |
|----------------------|------------------------------------------|---------------------|-------------------------|
| Product Width        | 118 inch                                 | Product Depth       | 236 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       | 20 ft                   |



# SPECIFICATION

| ATTRIBUTE          | VALUE                           | ATTRIBUTE      | VALUE                                                                   |
|--------------------|---------------------------------|----------------|-------------------------------------------------------------------------|
| Nominal Width      | 10 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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