



INTEGRITY - INNOVATION - DESIGN
800.521.0398 MADE IN THE U.S.A.
www.SRCrefrigeration.com

INSULATED WAREHOUSE BOXES

Temperature Range: -10° to 45°

7731 Nineteen Mile Road
Sterling Heights, MI 48314-2117
TOLL FREE 1-800-521-0398
www.SRCrefrigeration.com

STANDARD FEATURES AND SPECIFICATIONS

COOLER FREEZER
WAREHOUSE MO# WHC WHF

GENERAL

Walk-in insulated panels shall be of pre-fabricated modular construction designed for fast and easy field assembly, relocation, and future expansion by the addition of like panels. Outdoor walk-ins will include a heavy-duty, one-piece membrane roof cap for protection against all weather conditions.



PANEL CONSTRUCTION

Panels shall consist of interior and exterior metal skins precisely formed with steel dies and roll-forming equipment and thoroughly checked with gauges for accuracy. The metal skins shall be bonded tenaciously and permanently to the insulation. Hi-density panels have incredible flexural strength which eliminates the need for perimeter wood framing (old style construction) still used by some competition. To insure tight joints, all wall panels connect with positive cam-locking mechanisms.

INSULATION

Only solid core approved extruded polystyrene insulation (XPS) shall be used. Minimum thickness shall be four inches which exceeds insulation values (R-values) in Federal Energy Standard H.R.6 effective January 1st, 2009, for walk-in coolers and freezers. Optional five and/or six inch wall thickness available for required applications. Only environmentally friendly expansion agents are to be used in the manufacture of insulated cores. No energy robbing structural wood rails shall be used except where necessary for glass door and/or window attachment.

METAL FINISH

- n Standard: Smooth 26 ga. galvanized white
- n Optional: 22 ga. stainless steel
- n Optional: Other finishes and gauges available, consult SRC

INSULATED FLOOR

Floor panel construction shall be similar to that described in above Panel Construction section, but with a heavier gauge metal skin. Walking surfaces in open food approved boxes shall be stainless steel or aluminum. Galvanized metal will be used in closed food applications. Insulated floor panels are designed to withstand uniformly distributed stationary floor loads up to 600 lbs. psf. Contact factory for heavier load requirements and when optional metal finishes are required.

PANEL FASTENERS

Panel fasteners will be cam action male and female profile. Panels shall be fastened to adjacent panels by inserting a hex wrench in small-predrilled access ports on the male interior side. A clockwise turn of the wrench will activate a cam lever hook to catch a pin in the adjacent panel mechanism and draw the panels tightly together. Access ports are to be covered by press-fit plug buttons supplied with the panels.

DOOR PANEL ASSEMBLY

Door panel assembly includes UL Listed accessories either installed (whenever possible) or shipped loose. Construction and metal finish will match wall panels. Standard pre-hung entrance door includes the following features: *Two cam-lift self-closing hinges for smooth operation with built-in hold open feature *Cam-lift hinges allow for non-sweeping closure *Door latch *Inside safety release *Hydraulic door closure *Magnetic gasket *Thermometer. The bottom edge of walk-in door shall have an adjustable and replaceable wiper gasket. The door panel shall also include a UL Listed vapor-proof interior lamp and junction box for 120v/60/1 phase A/C service (15 amp maximum). For freezer application, pressure relief port(s) will be provided. A variety of door options are available for special circumstances. Contact factory for details.

INSULATED SLIDING DOORS

A large variety of manual and electric insulated sliding doors are available for both medium and low temperature applications. Consult factory for details.

REFRIGERATION SYSTEMS

A complete selection of medium and low temperature systems are available for indoor and outdoor applications. All fractional fan motors supplied shall be of EC (electronically commutated) or PSC (permanent split capacitor) style when available. Contact SRC for proper selections and specifications.

BTU RATINGS

Walk-ins not supplied with refrigeration systems shall be supplied with minimum BTU requirements and shown on all drawings submitted for approval by the factory.

CODE APPROVALS

- Energy: Insulating R-Value exceeds Federal Std EISA (H.R.6)
- Sanitation: UL-NSF Standard 7 Approved (ANSI / NSF7, 26PZ)
- Safety: UL Listed Door Panel Assembly
- Surface Burning Characteristics: Testing as per ASTM E84; flame spread rating of <25 and smoke development index <450

WARRANTY

Seller expressly warrants, to the original purchaser/user, that the structural panels are free from defect in material and workmanship for a period of ten (10) years under normal use and service. Seller's obligation shall be limited to replacing or repairing at its option, FOB seller's plant. Door panel assembly is subject to normal one-year warranty. Refrigeration components includes specific warranties; request copy for standard and extended warranty coverage.