

Camlock Walk-in Cooler & Freezer Specifications

General:

Custom Cooler walk-in panels are designed as 3-1/2", 4" or 5" wood or foam frame construction and come as pre-fabricated sections for easy installation at the job site.

Panel Construction:

Wood Frame:

Panels are constructed with either a butt-joint or a tongue & groove wood frame covered on both sides with a metal skin and filled with Class I Polyurethane foam. Panel thickness can be 3-1/2", 4", or 5".

Foam Frame:

Panels are constructed with a tongue & groove foam frame covered on both sides with a metal skin and filled with Class I Polyurethane foam. Panel thickness can be either 3-1/2", 4", or 5".

Insulation:

Class I Polyurethane foam. The material is registered with UNDERWRITERS LABORATORIES under file number R25285 with a flame spread less than 25 and a smoke development of less than 450. Insulation to have a minimum flash ignition temperature of 896°F and a minimum self-ignition temperature of 914°F.

Panel Fasteners:

Panel to panel connection is accomplished using a cam-lock device. They are actuated from the inside of the walk-in using a cam wrench (provided with each walk-in). The cam holes are covered with a cap plug that matches the panel finish.

Ceiling to Wall Connection:

The ceiling panels are attached to the top of the wall panels using lag bolts. Cam-locking ceilings are available as an option.

Wall to Floor Connection:

The walls are attached to the floor using a 16 GA metal angle that is attached to the floor. The wall panels are then set on top of the 16 GA angle and fastened with screws.

Panel Finishes:

Panels can be made with a variety of different interior and exterior finishes. Our standard metal is a 26 GA TruZinc Bare Embossed Galvanized Steel Grade CSA G90.

Alternate finishes available are:

- AZ-50 Stucco Embossed White
- Stucco Embossed White Galvanized Steel
- Stucco Embossed Aluminum
- Stainless Steel
- Paint Loc Embossed Galvanized Steel (suitable for painting)
- FRP (Fiberglass Reinforced Plastic)

Standard Doors:

Custom Coolers standard doors are a hinged, in-fit door with brushed aluminum cam-lift hinges, positive latch, bottom door sweep, and an inside release handle. Freezer doors come standard with a heated frame and threshold. Also included on every walk-in on the panel adjacent to the door is a light switch and a 2” flush mounted dial thermometer. A heated air vent is also provided for freezers only.

Certifications:

Custom Cooler has the following approvals:

- NSF
- UL
- Factory Mutual (wood frame panels)
- State of Oregon
- City of Los Angeles
- City of Houston