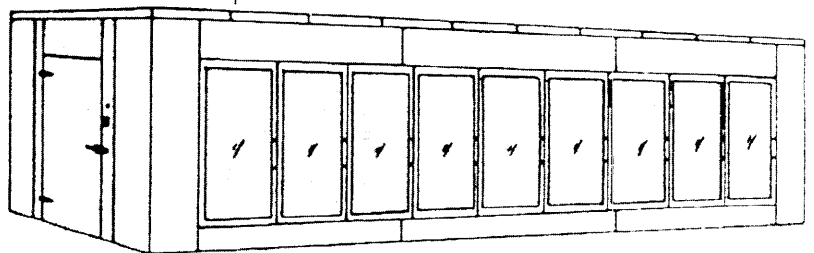
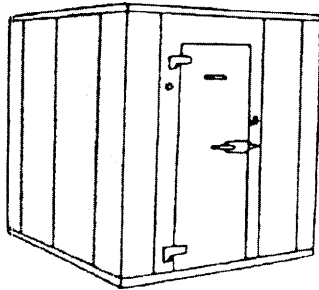
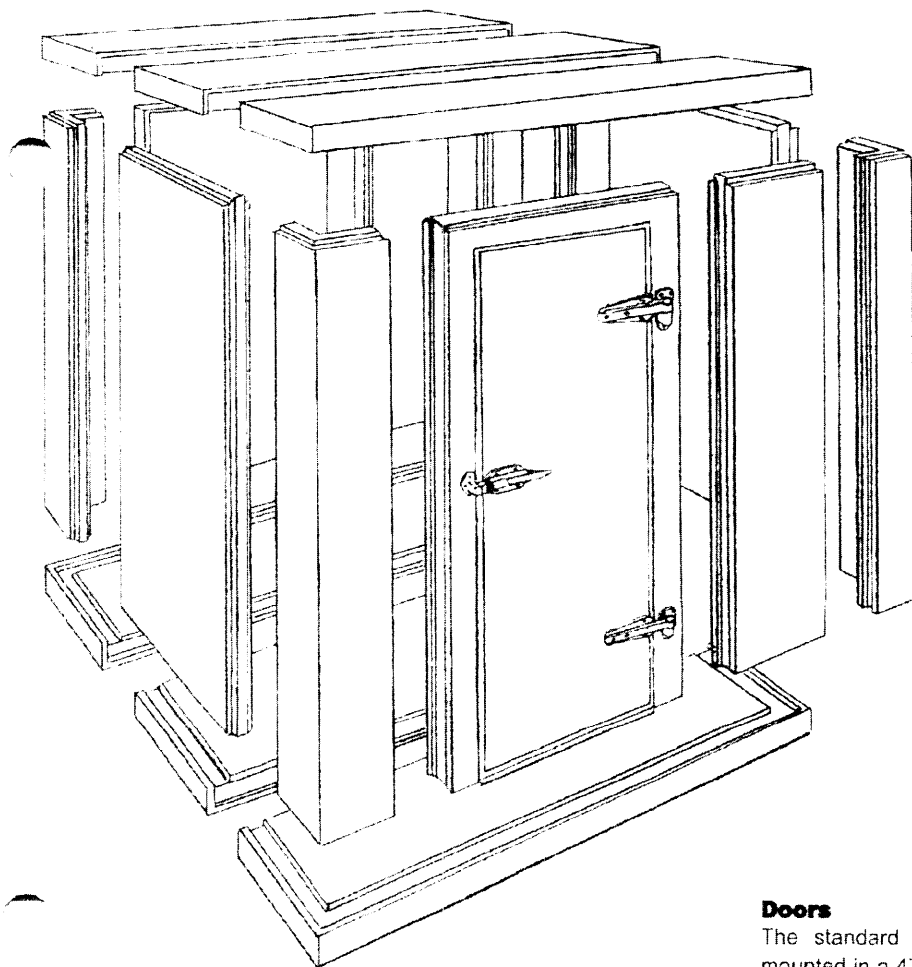


Southeast Cooler

Lithia Springs, Georgia

*Walk-in coolers
and freezers
Insulated cold-
storage panels*





Optional

Expanded Polystyrene has a stable "K" Factor of .24 at a 40 degree mean temperature, with corresponding "R" values of 16.7 for 4" thickness and 25 for 6" thickness. Nominal density is 1 lb. per cubic foot. Polystyrene core material when tested in a thickness of 4" per ASTM E-84 (UL Procedure 723) has a flame spread of less than 25 and a smoke developed of less than 450.

Urethane (Polyisocyanurate) has a "K" factor of .145 when aged for six months, with corresponding "R" values of 27.6 for 4" thickness, and 41.4 for 6" thickness. Nominal density is 2 lbs. per cubic foot. Note that the "R" value for all urethane (poured, frothed or rigid sheets) declines with age, whereas styrene remains stable. Urethane core material when tested in a thickness of 4" per ASTM E-84 (UL Procedure 723) has a flame spread of less than 25 and a smoke developed of less than 450.

NSF (Optional)

NSF (National Sanitation Foundation) approved enclosures, constructed with coved wall and floor corners, are available at a slight extra charge. These enclosures will bear the NSF seal of approval. Note that galvanized steel is no longer an accepted finish for floors in NSF approved enclosures.

Doors

The standard door unit consists of a hinged door, flush mounted in a 47" wide panel with a clear opening of 34" x 78". A vapor proof light fixture, light switch with pilot light, and 2" dial thermometer are mounted in the frame. The light fixture and switch are prewired. Freezer doors have anti-sweat heaters in both the door leaf and the frame.

A replaceable magnetic gasket seals the door at the top and the two sides. The bottom edge of the door is sealed with a dual neoprene sweep.

Each door has two polished chrome hinges with a cam-lift action. (Optional self-closing spring loaded hinges and door closers are available.) The door latch handle is polished chrome, positive latching, with an adjustable strike. An inside safety release handle is provided so the door can be opened from the inside even when padlocked from the outside.

Hinged pallet doors are available in custom sizes up to 6 feet wide and 8 feet high.

Sliding doors, single or bi-part, manual or electric operated, are available in a variety of sizes.

Installation

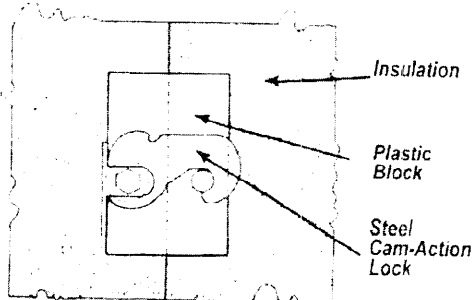
A complete set of drawings are supplied with each walk-in. It is important that the wall panels be level upon installation. A clearance of 1" should be allowed between the wall panels and existing room walls, as well as a 1" clearance for ceiling panels.

In the interest of continued product improvement, we reserve the right to change specifications without notice.

Southeast Cooler

Standard Walk-in Module

Steel Cam-Action Lock



General

Walk-in coolers and freezers are assembled using prefabricated modular panels. These panels consist of metal clad expanded polystyrene or urethane (polyisocyanurate) insulation. They are designed for fast and easy field assembly with convenient disassembly for relocation or enlargement.

Panels are available in 4" and 6" thickness. Full width panels are 47" wide, with narrower panels in various widths as required. Enclosure prices are based on 11 3/4" increments, but actual dimensions can be any size to accommodate customer requirements. One piece panels are available in lengths up to 32 feet.

Panel Fasteners

The wall panels are joined together by cam-locks embedded in the panel edges. These cam-locks consist of a locking arm mounted on a rotating cam anchored in the tongue edge and a steel pin anchored in the groove edge. By rotating the locking arm with a hex wrench, the arm engages over the pin, and the rotation of the cam draws the panels tightly together. The cam-locks are rotated from inside the walk-in through access ports which are subsequently sealed with vinyl snap-in caps.

Lamination

The panels consist of formed metal skins laminated to the insulation under pressure with a structural adhesive. Insulation is either expanded polystyrene or urethane (polyisocyanurate). This process is carefully monitored to assure a high-quality structural bond that will withstand a wide range of temperature and humidity conditions.

Tongue and Groove

All panels have tongue and groove edges to facilitate assembly and provide a tight, well-insulated panel joint. No wood framing is used.

Panel Gaskets

Flexible vinyl gaskets are permanently bonded on the tongue side of all panels on both the interior and exterior to form a tight seal between panels. These gaskets are resistant to water, detergent, oil, fats and sunlight.

Floor Panels

Floor panels are constructed with a 16 gauge galvanized steel or an optional .080 aluminum interior skin. This reinforced floor panel is designed to withstand uniformly distributed loads up to 600 pounds per square foot. When mobile equipment is used, such as dollies and carts, additional reinforcement is required. Aluminum tread plate or 10 gauge galvanized steel is recommended.

Facings:

Standard Finishes include:

- 26 gauge G-90 Galvanized in smooth or stucco embossed
- White painted 26 gauge G-90 galvanized, stucco embossed high gloss USDA approved
- .032" Aluminum, stucco embossed
- 22 gauge 304 #4 polish Stainless Steel
- 24 gauge 304 #2B Stainless Steel



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Panel Warranty

Southeast Cooler Corp. extends the following warranty to original purchaser/user, which shall be deemed to mean the individual or company for whom the warranted product was originally installed. It neither assumes, nor authorizes any person to assume, any obligation other than that covered by this warranty. The warranty applies only within the continental boundaries of the United States, its territories and possessions, and Canada.

Southeast Cooler warrants the panels to be free from defects in material or workmanship under normal use and service. In the event of failure, the obligation of Southeast Cooler shall be limited to repairing or replacing with a like panel, at Southeast Cooler's option, F.O.B. Lithia Springs, GA, any panel which proves defective, and which at Southeast Cooler's inspection shall disclose to its satisfaction to thus be defective, and which cannot be placed back in operation in the field with normal service efforts.

A replacement panel installed as a result of this warranty is not subsequently covered by this warranty. Southeast Cooler reserves the right to require the return, freight collect, of any defective panel. Authorization from Southeast Cooler is required prior to the return of any panel.

This warranty is in force for five (5) years from the date of original shipment.

Southeast Cooler's obligation on items not manufactured by Southeast Cooler shall be limited only to the extent of the warranty extended by the respective manufacturers of said products.

This warranty does not apply to equipment which has been subject to removal from original installation site, dismantled and rebuilt, or subject to any accident, alterations by unauthorized service, negligence, misuse, or improper installation. This warranty does not include any labor or mileage charges for replacement or repair of defective panels.

The Cooler Solution

The Cooler of Choice



**Southeast
Cooler**

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1-800-241-9778 Toll Free • 1-770-941-6703 Direct Line • 1-770-941-3572 Fax

www.secooler.com

Southeast Cooler Corp was established in 1979 as a regional manufacture of Walk-In Coolers, Walk-In Freezers and Cold Storage Facilities. Over the past 29 years Southeast Cooler has expanded the product line and production facilities. The organization now serves a variety of customer on a global basis. The operation is based within 140,000 square feet and has a staff of over 100 dedicated employees.

By investing in its people and advanced manufacturing equipment the company has become vertically integrated and more cost effective. Superior products and complete customer satisfaction are our goals. Every step of our design, manufacturing and testing processes contain an intense focus on true quality control.

Walk-In Coolers and Freezers are assembled using prefabricated modular panels. These panels consist of a metal clad expanded polystyrene or urethane insulation. They are designed for fast and easy field assembly with convenient disassembly for relocation or enlargement.

Panels are available in 4" and 6" thickness. Full width panels are 47" wide, with narrow panels in various widths as required. Enclosure sections can be constructed in any size to accommodate actual customer requirements. One piece panels are available in lengths up to 32' feet.

The wall panels are joined together by cam-lock fasteners that are embedded into the profiled panel edges. The cam-locks consist of a locking arm mounted on a rotating cam anchored in the tongue edge and a steel pin that is anchored in the groove edge. By rotating the locking arm with a hex wrench, the arm engages over the pin, and the rotation of the cam draws both panels tightly together. The cam-locks are rotated from inside the walk-in through access ports which are subsequently sealed with vinyl snap-in caps.

The panels consist of formed metal skins laminated to the insulation under pressure with a structural adhesive. Insulation is either expanded polystyrene or urethane. This process is carefully monitored to assure a high-quality structural bond that withstands a wide range of humidity and temperature conditions.

All panels have tongue and groove edges to facilitate assembly and provide a tight, well insulated panel joint. Flexible vinyl gaskets are permanently bonded on the tongue side of all panels. These gaskets are resistant to water, detergent, oil, fats and sunlight.

Floor panels are constructed with 16 gauge galvanized steel or optional .080 aluminum interior skin. The floors are reinforced to withstand uniformly distributed loads up to 600 pounds per square foot. When using mobile carts or dollies we recommend aluminum tread plate or heavy 10 gauge galvanized steel floors.

