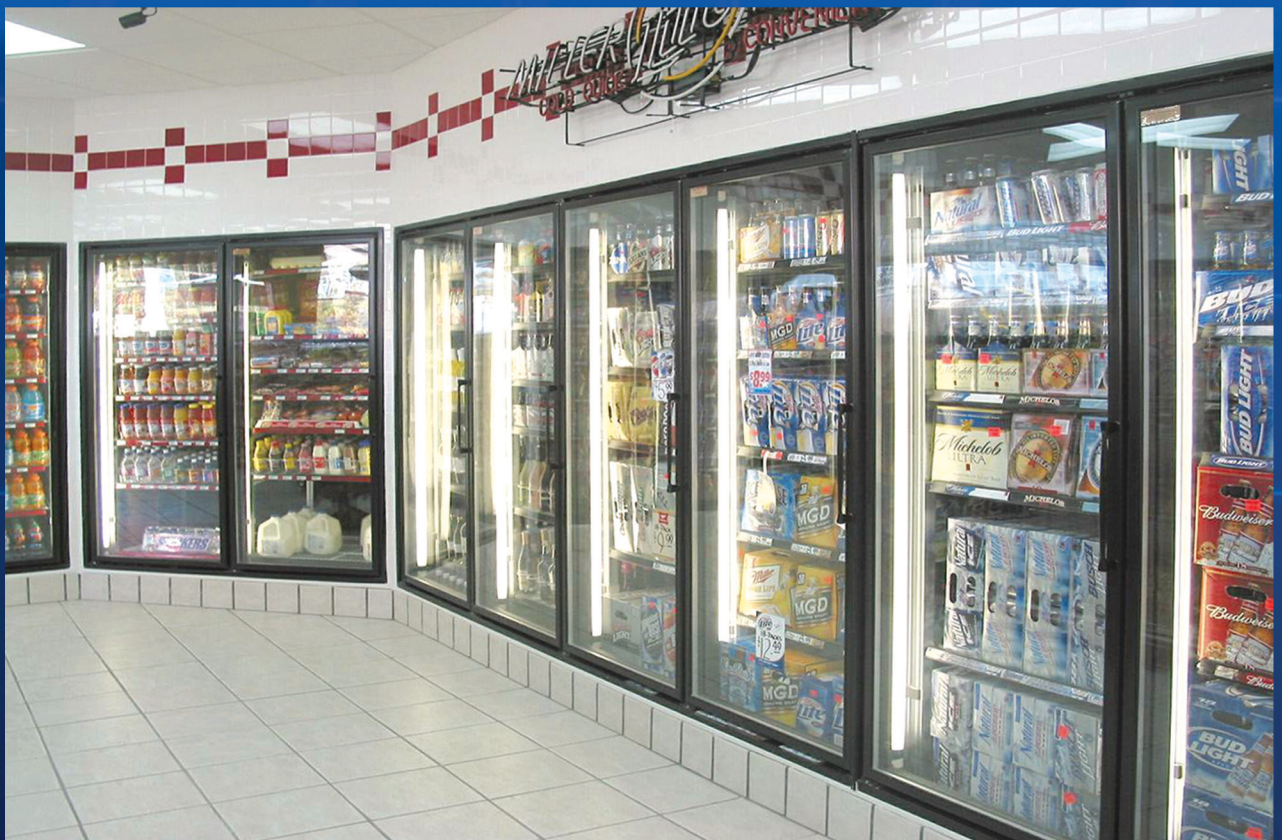


The Cooler Solution

The Cooler of Choice



Southeast Cooler Corp • 1520 Westfork Drive • Lithia Springs, GA 30122 USA
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.



Standard panel finishes include: 26 gauge G-90 Galvanized smooth or stucco surface

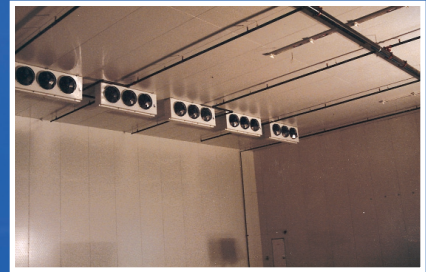
- 26 gauge G-90 White Painted stucco .032 Aluminum stucco surface
- 22 gauge Stainless Steel 304 #4 Polished surface • 24 gauge Stainless Steel 304 # 2B



Polished Stainless Steel 304



White Painted Stucco



Galvanized Stucco

Expanded Polystyrene has a stable “K” factor of .24 at a 40 degree mean temperature, with corresponding “R” values of 16.7 for 4” material thickness and 25 for 6” thickness. Nominal density is 1 lbs. per cubic foot. Polystyrene core material when tested in the 4” thickness per ASTM E-84 (UL Procedure 723) has a flame spread of less than 25 and a smoke developed ratio of less than 450. 4” Polystyrene material is used on walk-in coolers and 6” Polystyrene is used on freezers.

Urethane (Polyisocyanurate) has a “K” factor of .145 when aged for 6 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. Please note that the “R” values of Urethane (poured, frothed, or in rigid sheets) declines with age, whereas the styrene material remains stable. Urethane core material when tested in the 4” thickness per ASTM E-84 (UL Procedure 723) has a flame spread of less than 25 and a smoke developed ratio of less than 450. 4” Urethane material is used on low temperature walk-in freezer applications.

National Sanitation Foundation (NSF) approved enclosures, constructed with covered wall and floor corners, are available at a slight extra charge. These enclosures will bear the NSF mark. Please note galvanized steel is no longer an accepted finish for floors in NSF approved enclosures. We suggest using our aluminum tread plate material on all floors.



The standard door unit consists of a hinged door, flush mounted in a 47” wide panel with a clear opening of 34” wide X 78” high. A vapor proof light fixture, light switch with pilot light, and 2” dial thermometer are mounted in the framed door assembly. The lighting fixture and switch are prewired at the factory. Freezer doors have anti-sweat heaters in both the door leaf and the frame section. 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 heavy duty polished chrome hinges with cam-lift action. We can provide optional spring loaded self-closing type hinges and automatic door closers. The door latch is polished chrome; is positive latching and has an adjustable strike plate. An inside safety release handle is provided so the door can be opened from the inside even when it is padlocked from the outside.



**We offer several door styles
to meet your specific needs.**

Glass Doors with Lights and Shelving Packages for Retail Locations.

Hinged Pallet Doors in Custom Sizes up to 5' wide and 7' high.

Sliding Doors, Single or Bi-Parting Doors are Available in Manual & Electric Models.

A complete approved set of drawings are supplied with each walk-in cooler or freezer. It is important that the wall panels be level upon installation. A clearance of 1" should be allowed between the wall panels, existing room walls and the ceiling. All panels are tagged with easy to read part numbers for a smooth and rapid installation.

We supply only the finest refrigeration system engineered to match our Southeast Coolers and Freezers. Our remote outdoor condensing units incorporate the most efficient compressors, crankcase heaters, head pressure control valve, high and low pressure controls, liquid line filter drier, liquid sight glass, time clock, thermostat, pump down solenoid, expansion valve, structural steel base and weather protection covers for years of trouble free operation. We can also provide indoor refrigeration systems, self-contained systems for top or side mounted applications.

Southeast Cooler warrants the panels to be free from defects in material or workmanship under normal use and service. In the event of failure, Southeast Cooler shall be limited to repairing or replacing with a like panel section, after our inspection, if it proves defective and cannot be placed back in operation with normal service efforts. (F.O.B. Lithia Springs, GA.)

The 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 to Southeast Cooler by that manufacturer.

This warranty does not apply to equipment which has been subject to removal from the original installation site, dismantled and rebuilt, or subjected 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. Southeast Cooler extends the warranty to the original purchaser or user, which shall be deemed to mean the individual or company where the product was originally installed. The warranty applies only within the continental boundaries of the United States, its territories and possessions and Canada.



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