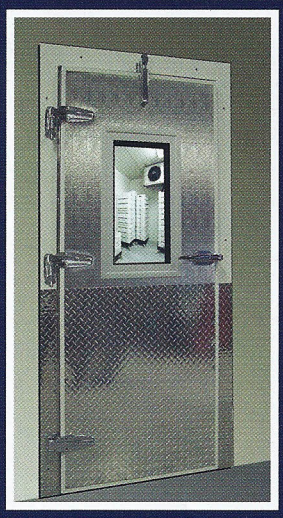
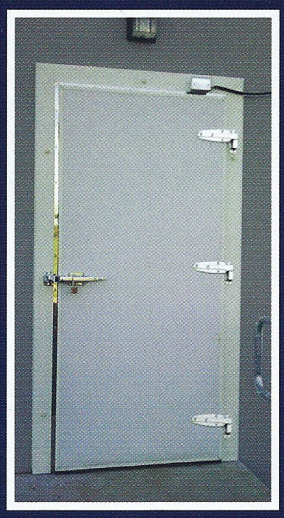
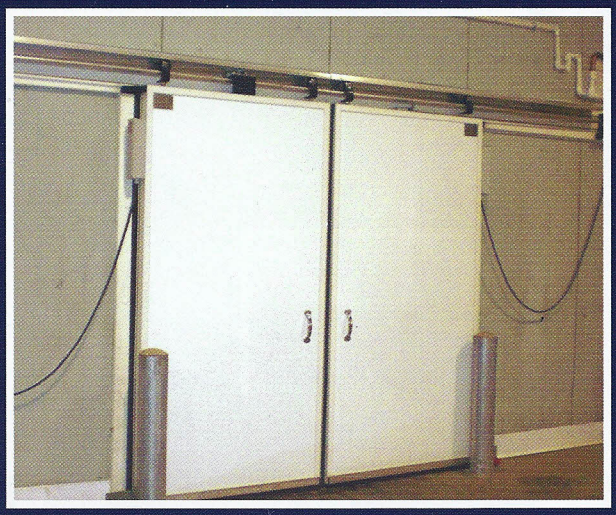
Eco Cold
by Chase Doors



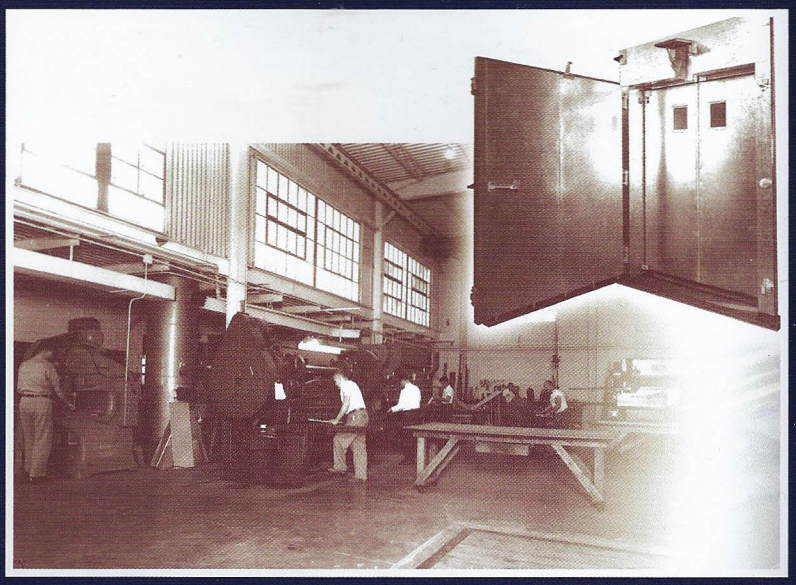




ECO-COLD
LOW TEMPERATURE DOORS

ATTENTION TO DETAIL

Chase Doors began operating in 1932 as an insulated walk-in cooler and specialty refrigeration equipment manufacturer. Today, with over 300 employees and five vertically integrated manufacturing facilities, Chase has earned its reputation for high quality products that are reliable, durable, at the best prices and the shortest available delivery times.

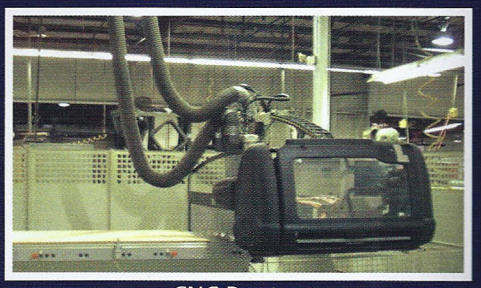


Chase Door's Manufacturing Facility, 1932

Durable, Quality and High Performance

Durable, quality and high performance doors are our top priorities, starting the moment the order is received. Not only does Eco-Cold™ use premium materials, hardware and accessories, but our in-house engineering team and customer service department check every order before sending it to production, making sure the specifications exactly meet the application requirements.

The Eco-Cold production facility is supported by a vertically integrated manufacturing operation including CNC stamping, metal bending and shearing stations, a welding station, track and operator sub-assembly stations, a foaming operation and final assembly operations with final quality assurance procedures. A seasoned production team, including experienced craftspeople that are cross trained to perform a variety of duties, ensures that Chase can meet customer demand with minimal disruption.



CNC Router

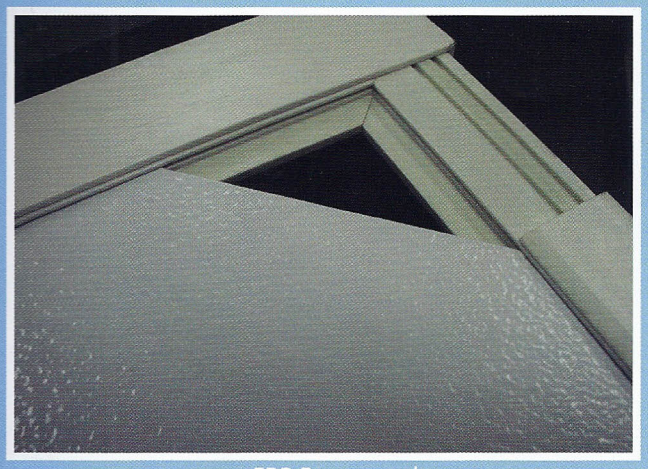
Quick and Easy to Install

Quality doesn't stop after the door is manufactured and passes the final inspection. We ensure that each door will arrive safe at the installation site with custom packaging for each door. All doors ship complete with a casing system, reducing installation time. Most components are pre-assembled, reducing field labor and eliminating potential installation errors. Motor operated doors are assembled and bench tested to ensure maximum performance right out of the box. All Eco-Cold doors are quick and easy to install and backed by a five year warranty.

Each door is individually crated for safe arrival.

www.eco-cold.net 804.744.0700 fax: 804.744.3911

ECO-COLD PERFORMANCE



FRP Framework

From walk-in coolers to industrial warehouse applications, Eco-Cold low temperature doors combine the latest technology, premium materials and design features to meet the demanding requirements of the cold storage industry. Available as a sliding, swing and vertical lift door, all Eco-Cold products incorporate a tough and thermally neutral fiberglass reinforced pultrusion (FRP) framework, extruded plastic polymer casings and Non-CFC foamed-in-place polyurethane core. We understand the conditions that cold storage doors must endure. Superior design methods and non-corrosive materials ensure that Eco-Cold doors will perform and look good for the long haul!

Extruded Plastic Polymer Casings

Traditional cold storage doors are manufactured with wood frames and casings. However, wood swells, warps and rots when subjected to moisture and large temperature differentials. Pressure treated wood can solve the rotting problem, but tends to warp even more than untreated wood. Organic materials such as wood can also harbor bacteria, mold and fungus. Fiberglass reinforced pultrusions (FRP) eliminate the need for an internal wood framework.

Advantages of Fiberglass:

- Conducts extremely little thermal energy
- As strong as steel, but 30% lighter
- Maintains its shape over a wide range of temperature differentials
- Impervious to water and moisture so it will never swell or rot
- Weighs considerably less than wood based products, making the door easier to open and close
- Maintains its properties even in extremely cold conditions
- Easy to clean

Eco-Cold single slide door with wicket door

Fiberglass Reinforced Pultrusion Framework and Non-CFC Foamed-in-Place Polyurethane Core

The unique design of each Eco-Cold FRP extrusion uses many ribbed cavities that capture and hold the Non-CFC foamed-in-place polyurethane insulation. This produces an incredibly strong panel that has high impact resistance, yet weighs less than traditional wood frame designs. Inorganic polymer material has also replaced the traditional wood blocking that is used to attach the hinge, handle and other hardware.

This truly remarkable door comes standard with stainless steel fasteners and is backed with a five year warranty!