



BL-1650

HINGED DOOR FOR BLAST COOLER OR FREEZER



The materials used in the manufacture of hinged doors for blast freezer or cooler are strong and provide superior sealing. Each door is individually designed and manufactured in-house. From designing to manufacturing, the concern for quality is vital in product development.

In addition to providing good insulation properties and enhanced waterproof seal, the doors are designed to withstand very low and high temperatures variations environment. They are manufactured for the most demanding environments (heavy duty usage, high salinity, moisture and strong chemicals). Norbec considers industry regulations such as health standards, energy standards and building standards throughout the entire process.

ADVANTAGES OF NORBEC HINGED DOORS

- ▶ Highly resistant structure
- ▶ Easy and quick installation
- ▶ Resistant to corrosion and chemicals
- ▶ Ease of maintenance

DOOR

This full overlap door is designed to ensure a superior insulation and seal. The outer and inner walls are mechanically assembled to prevent delamination during repeated impacts. Gaskets are easily replaceable in addition of being resistant to grease and detergents. Doors are equipped with galvanized steel reinforcement at the anchor points of the hardware to ensure maximum durability.

FRAME

Constructed from 1/2" thick "L" aluminum profiles, this unique door frame is by far the most robust in the industry. It is provided with a thermal break. The frame is equipped with a heating wire totally integrated in the profile and covered by a molding that facilitates its replacement. The profiled aluminum sill is provided with a double heating wire.

DIMENSIONS

Door thickness: 4" or 5"
Width: 36" to 72"
Height: 72" to 120"

Other dimensions available upon request

HARDWARE

HINGES	DOOR CLOSER AND LATCH
2 Kason #1398, enameled zink (3 hinges if more than 84")	Kason #199 for overlapping blast door

OPTIONAL ACCESSORIES

- ▶ Protection kick-plates
 - 18 or 16 gauge galvanized steel
 - 14, 16 or 18 gauge stainless steel # 2B
 - Aluminum tread plate 1/16", 1/8" ou 3/16"
- ▶ ST-1000 independent surface threshold for freezers. Heater wire is covered by a 3/8" thick aluminum plate.
- ▶ RT-1000 independent recessed threshold in the concrete slab
 - Heater wire is covered by a 3/8" thick aluminum plate
 - "L" shaped threshold for doors without door broom
 - Extension of door jamb into concrete slab for superior strength

Other options available upon request.

INSTALLATION

The frame is designed to be installed in an existing wall. The opening in the wall should be 1 1/2" wider and 1" higher than the clear opening of the door, including clearance for adjustment. The front of the frame must be bolted through the wall with carriage bolts that join the rear of the frame. The frame mounting holes are pre-drilled at the factory. Bolts, nuts, washers and finish caps are supplied with the door. Reinforcement angles must be added inside the left and right sides of the door frame.

TECHNICAL DETAILS

