



Your uncompromising sliding door !

The Glace-Guard™ Slider is the highest quality cold storage sliding door. It is robust and well insulated. The door, available in 3" or 4" thickness, is made of high quality metal skins and insulated with polyurethane foam. Its robust and durable hardware ensures smoothness of operation.

The Glace-Guard™ Slider can be operated manually or can be equipped with a high technology motor system with operation speed of up to 84" per second for biparting doors.

The Glace-Guard™ Slider is your best door investment when energy conservation and low maintenance costs are criteria of selection.

The Glace-Guard™ Slider is ideal for applications such as:

- Cold storage distribution warehouses
- Grocery distribution warehouses
- Food processing plants
- Pharmaceutical warehouses
- Heavy manufacturing industries



High speed sliding door with heat trace
Model Slider IV (4" thick)

Slider®/ Glace-Guard™

Slider III, Slider IV Series

Section 08326

Well insulated:

3" (75mm) or 4" (100mm) door thickness with an insulated polyurethane foam core.

Heavy-duty hardware for long lasting use:

Double track system with trolley assembly mounted on solid tire rollers.

Built to last with superior quality materials:

Proven experience and expertise achieve a perfect adherence of the polyurethane foam to the metal skins, ensuring panel strength and rigidity and preservation of insulation value over time. The high quality 26 gauge galvanized steel with superior 25 microns polyester top coat, ensures durability and resistance to corrosion.

Designed for energy savings:

Superior airtight seal for the door frame and the door panels.

High speed motor (optional):

State of the art technology with speed of up to 84" per second for opening, for biparting doors. Advanced brushless servomotor technology. Closed loop control system. Programmable obstruction sensing. LCD keypad display of system operation. Electronic programmable clutch.

Heat trace (optional):

For freezer applications, the door panel and frame are equipped with heat trace on four sides to prevent ice or frost accumulation and to avoid the need of a heated threshold.



Technical specifications

Section 08326

Reference product:

Glace-Guard™ Slider III (3") or Glace-Guard™ Slider IV (4"), as manufactured by Thermostop Inc., www.thermostop.com

Motor speed:

(With biparting doors)
Opening: up to 84" (2134mm) per second
Closing: up to 42" (1067mm) per second

Temperature range:

-20°F to +120°F (-29°C to +49°C)

Size:

Up to 14' 0" W. x 16' 0" H.
(4267mm W. x 4877mm H.)

Thickness:

- 3" (75mm) thick:
Glace-Guard™ Slider III
- 4" (100mm) thick:
Glace-Guard™ Slider IV

Panels:

Single or biparting, 3" (75mm) or 4" (100mm) thick panels, insulated with rigid polyurethane, foamed in place under high pressure between two metal skins. Standard 26ga. steel skins, white stucco finish. For other skins options, please consult **Metal skins options** presented further. The panel frame is made of U-shaped heavy-duty aluminum extrusions.

Hardware:

The hardware consists of a heavy-duty double track system and trolley assembly roller systems. The trolley assembly stabilizes the movements of the panels at high speed and is equipped with solid tire rollers to support an intensive usage. The track system is slanted from center to both ends to ensure a tight seal and to reduce seal wear. All components are made of aluminum or galvanized steel, or are zinc-coated for food applications.



Heavy-duty double track system combined with trolley assembly

Seals:

High quality airtight flexible PVC seal for the door frame and the door panels.

Back frame (optional):

Vertical and horizontal back frame made of ¾" water-resistant plywood in double layer, clad with white galvanized steel.

Heat trace (optional):

For freezer applications, the door frame and panels are equipped with a heat trace to prevent ice or frost accumulation.

Glazing (optional):

Sealed glass or acrylic glass
12" x 24" (305mm x 610mm) windows



Kick plate (optional):

24" (610mm) high steel kick plate to protect the door bottom against forklift impacts.

- 16ga. galvanized steel, smooth finish
- 18ga. stainless steel, #304 finish

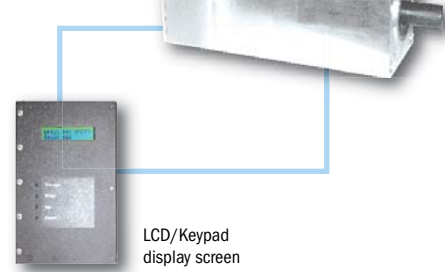
Metal skins options:

Steel	Finish
26ga. (0.41mm)	stucco, white
20ga. (0.86mm)	smooth, white
16ga. (1.42mm)	smooth, painted

Aluminum	Finish
24ga. (0.60mm)	stucco, white or grey RAL-9006
16ga. (1.30mm)	smooth, clear anodized

Single panel sliding door Model Slider III (3" thick)

State of the art servomotor (11" x 4 1/4" x 4 1/4")



LCD/Keypad display screen

Motor (optional):

- High speed operation: up to 84" (2134mm) per second at opening, 42" (1067mm) per second at closing
- Brushless servomotor
- Closed loop control system to ensure accurate motion profile with changing loads
- Selectable input voltage, single or three phase: 115, 208, 230, 460 or 575 VAC
- Programmable obstruction sensing
- Cycle counter
- LCD/Keypad display of system operation
- Electronic programmable clutch
- Electronic door lock protection
- Corrosion-resistant



Tradition of quality

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Warranty

Thermostop doors and hardware carry a warranty of one (1) year against any defects or faulty workmanship. The door panels carry a ten (10) year limited warranty against perforation due to rusting, under normal operational conditions.

