



C2L-1750

SLIDING DOOR WITH HEAVY DUTY FRAME



At Norbec, quality is paramount in product design and manufacturing processes. This new insulated sliding door design offers superior sealing and durability with advanced features. The assembly remains robust, ensuring better insulation, thermal regulation, and air barrier performance.

With a sleek design, hidden rails, and fewer visible parts, the door looks modern and clean. The rail anchored on the wall and the aluminium frame improves its weight resistance and stability, while reduced gasket friction allows smoother operation. The new lever handle makes opening easy and reduces force required.

Ideal for harsh environments (heavy duty usage, corrosive environment, moisture and strong chemicals), the sliding door meets health and building standards. It also provides ease of operation, robustness, and energy efficiency. This sliding door sets the standard for the supermarket, food processing and food service industries.

ADVANTAGES OF NORBEC SLIDING DOORS

- Highly resistant structure
- Resistant to corrosion and chemicals
- Ideal for applications that require the use of equipment such as forklifts
- Recommended for places where space is limited
- Highly customizable

WHAT'S NEW?

- > Improved gasket compression
- > A hidden rail for enhanced aesthetics with new hood option
- > Improved rail stability as the door rests directly on the wall
- > Wall guidance to clear floor for cleaning (instead of floor guide)

DOOR

The door comes equipped with all-aluminum hardware and nylon components as well as easy-to-replace EPDM gaskets. It is easy to adjust, opens and closes with minimum effort thanks to its nylon wheels mounted on sealed precision ball bearings and the wall guide located on the opening side of the door. The rail is secured* directly to the insulated metal panel wall. The door is internally reinforced with steel angles for additional strength.

* Bottom sweep may be heated for low temperature applications

FRAME

Made of 1/2" thick L-shaped custom-extruded aluminum, Norbec's unique doorframe is by far the sturdiest in the industry. The standard frame includes a thermal break. For low temperature applications a heater wire is integrated on the frame. The heater wire is covered by a removable steel cap enabling quick and easy replacement. The door frame construction is ideal for retrofitting in existing walls.

DIMENSIONS

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

Other dimensions may be approved upon request

HARDWARE

RAIL	TROLLEYS (2)	WALL GUIDE	SEAL GUIDE	HANDLES
Structural aluminum with optimized profile mounted directly on the wall	Nylon wheels mounted on sealed precision ball bearings	Lower part of the door guided by an aluminum extrusion fixed on the wall	Injected nylon parts that ensure perfect seal when door is closed	Exterior & Interior: lever handle To ensure low effort opening

OPTIONAL ACCESSORIES

- Self-closing gravity system with hold-open and anti-bounce devices (available for 42" to 96" openings)

➤ Protection kick plates

 - 18 or 16 gauge galvanized steel
 - 14, 16 or 18 gauge stainless steel # 2B
 - Aluminum tread plate 1/16", 1/8" or 3/16"

➤ Security lock system

➤ Recessed threshold to be embedded into the concrete slab for freezers. Additionally, the heater wire is easily accessible.
- Hood option covering the rail and wheels to prevent dust accumulation and enhance aesthetic. Available in stainless steel or identical to the room finish

➤ Extension of door jamb into concrete slab for superior strength

➤ Meat rail opening

➤ Door guard made of 3/8" steel angle anchored to the floor

➤ Heated door & frame (low temperature applications)

➤ Heated window (low temperature applications)

Other options may be approved upon request.

INSTALLATION

The frame is designed to be installed in a wall opening cut on the field. 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, the rail and the wall guide are pre-drilled and positioned as indicated on the layout provided below. The door, frame and hardware are all supplied and arrive separately on site. Once installed, adjustments are required to ensure proper operation as indicated in the installation guide. Floor-to-wall angle reinforcements provided shall be added inside to the left and right sides of the doorframe to stabilize the assembly.

TECHNICAL DETAILS

