



C2L-1750-E

ELECTRIC SLIDING DOOR EQUIPPED WITH THE E-CIRCUIT SYSTEM



In addition to providing good insulation properties and enhanced airtight sealing, the C2L-1750-E gives you the automation you need to improve your day-to-day operations. Over time, Norbec sliding doors have become a standard in the supermarket, food service and food processing industry for their ease of operation, robustness and energy efficiency.

This ultra sturdy and durable door equipped with the Electric E-Circuit System guarantees you greater efficiency and agility in your activities while ensuring employee safety. Meeting the most stringent health and designed according to a rigorous design process, the C2L-1750-E is a safe and reliable product.

ADVANTAGES OF NORBEC ELECTRIC SLIDING DOORS

- ▶ Automated opening; easy to install
- ▶ Highly resistant structure
- ▶ Ideal for applications that require the use of equipment such as forklifts
- ▶ Resistant to corrosion and chemicals
- ▶ Recommended for places where space is limited

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

DIMENSIONS

Door thickness: 4" | Width: 36" to 84" | Height: 72" to 96"* *Other dimensions may be approved upon request

HARDWARE

RAIL	TROLLEYS (2)	WALL GUIDE	SEAL GUIDE	HANDLES
1/4" thick structural aluminum and 1/2" brackets	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

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" or 3/16"
- ▶ Extension of door jamb into concrete slab for superior strength
- ▶ Door guard made of 3/8" steel angle anchored to the floor
- ▶ Hood option covering the rail and wheels to prevent dust accumulation and enhance aesthetic. Available in stainless steel or identical to the room finish
- ▶ Recessed threshold to be embedded into the concrete slab for freezers. Heater wire is covered by a 3/8" thick aluminum plate
- ▶ Heated door & frame (low temperature applications)
- ▶ Heated window (low temperature applications)

ELECTRIC E-CIRCUIT SYSTEM

The E-Circuit is a fully assembled, ready-to-use monobloc system. Designed to streamline your daily operations through automation functions, this system is ideal for use in food processing plants.

SPECIFICATIONS OF THE E-CIRCUIT

- › Adjustable speed: max 0.18m/sec [7"/sec]
- › Operating temperature: -10°C to 40°C [14°F to 104°F]
- › Waterproof box, protection IP 65
- › Power supply 120Vac - 60Hz
- › 150W Power transformer
- › 24Vdc motorization
- › Electric opening and closing integrated to the system
- › Automatic closing with adjustable time delay
- › Safety edge nose to prevent injuries
- › Complete monobloc unit, factory-wired and ready to use
- › Easy and intuitive programming
- › Quiet system

OPTIONAL ACTIVATION ACCESSORIES

- › Radio-controlled opening and closing push button
- › Radio-controlled pullcord
- › Non-contact opening movement detector
- › Photoelectric safety barrier



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 the hardware provided, that join the rear of the frame. The wall guide should be fixed to the wall and positioned to ensure proper operation. The E-circuit system is pre-assembled on the door. The addition of the limit stops, the drive belt and the transformer box must be installed and adjusted to ensure proper operation.

For detailed installation instructions, please refer to the C2L-1750-E installation guide available at norbec.com.

TECHNICAL DETAILS

