

DETAIL SHEET

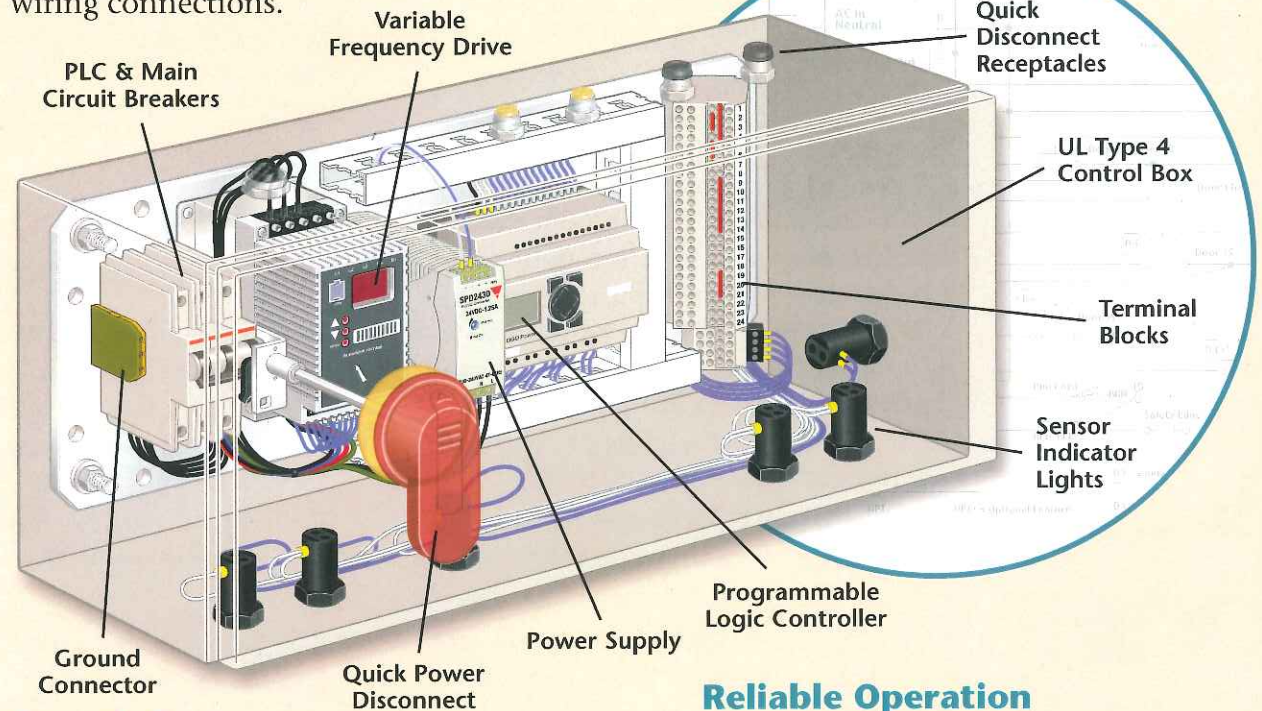
R-PLUS ICC-5 Cold Storage Door Operator

Setting New Standards for Quality, Reliability, and Ease of Use

The latest in a long line of R-Plus Doors Integrated Computer Controllers (ICC), the ICC-5 adds a new dimension in ease of installation, ruggedly reliable components, and simple operation.

Quick To Install

The controller ships pre-mounted to the header and pre-wired using quick disconnect cables. Field connections take place at the circuit breakers and at the terminal block. This design reduces installation wiring mistakes, simplifying and speeding up the actual power and control wiring connections.



Easy To Program

The controller is pre-programmed. Once the door is installed in position, adjustments are easily handled with a test button and temporary power before the electrician completes the wiring, eliminating a second trip to the job site for the inevitable adjustments.

Built Rugged

The ICC-5 is completely UL-approved and uses a UL Type 4 standard enclosure, UL Type 4X enclosures are also available for the most difficult environmental conditions. The controller is flush-mounted and has a small profile for protection under low profile weather covers. A built-in quick disconnect breaker protects the control panel.

Reliable Operation

The ICC-5 closes doors quickly and quietly, with minimal wear and tear on the door components by using a "soft start" or "ramp up" to speed that minimizes wear on sprockets, chains, and other driven equipment. A "soft stop" dynamic braking method is used to "ramp down" to a slower speed prior to stopping. These two methods allow a very fast opening speed and a slower, safer closing; keeping the cold where it belongs, inside your controlled environment, and saving your energy dollar.

R-PLUS
COLD STORAGE DOORS
A Division of Imperial Manufacturing, Inc.

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Swinging Doors



Bi-Parting Sliding Doors



Single Sliding Doors

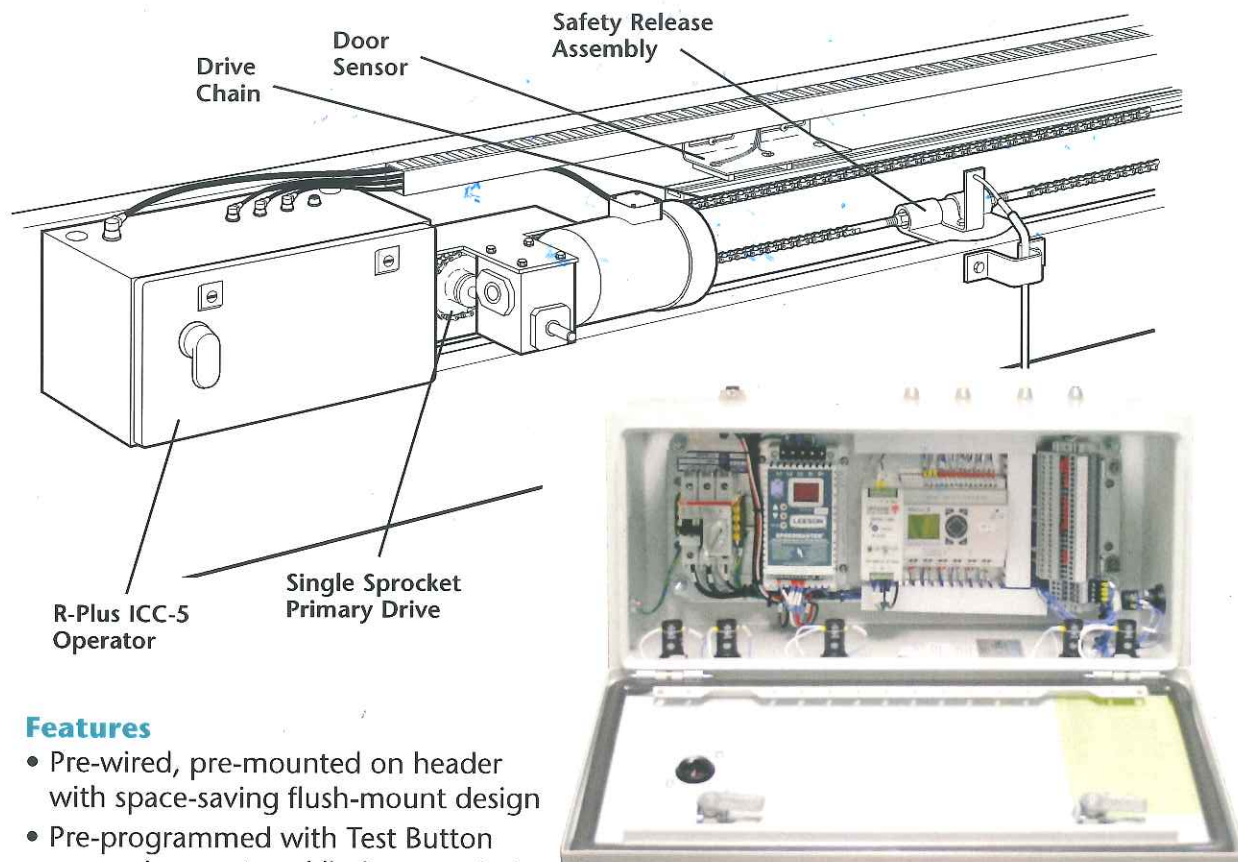


Standard or High Lift Doors



Full Lift Doors

SPECIFICATIONS



Features

- Pre-wired, pre-mounted on header with space-saving flush-mount design
- Pre-programmed with Test Button convenience—travel limits pre-set at factory, supply temporary power to verify operation and reduce return set-up calls
- Dedicated, labeled industrial strength terminal blocks for field wiring, industrial grade automation components
- Simple manual adjustment to fine tune travel limits, start/stop locations accurately controlled to within $\pm 1/16$ inch
- Standard pull cord operation
- Auto-close programmable timer and mid-cycle stop feature (pedestrian opening)
- Chain release—to operate door in event of power failure.
- Holding torque maintains positive seal on bi-parting door edge gaskets
- Field tested through 100,000 cycles—proven durability and reliability
- Rapid open and close—27 in/sec single sliding door, 54 in/sec bi-parting doors
- Soft start/stop feature reduces wear and tear on mechanical components
- Interlocking doors
- Low maintenance—solid state circuitry, no moving parts in the control box
- PLC design allows single drive sprocket—no special OEM parts required
- UL approved electrical components, quick-disconnect breaker installed, and UL Type 4 (UL Type 4X option) control box
- Full nationwide factory support and service

Options

- Standard or industrial remote control
- Magnetic floor loop
- Microwave sensor
- Warning light/siren (for door closing operation)
- Most remote activation devices
- Heated for cold-duty use (inside freezer)

Electrical Specifications

- 208V/230V single or 3-phase
- 460V 3-phase only
- Heat cables 115V single phase only
- 50Hz/60Hz