

# TURBO-SEAL<sup>®</sup> INSULATED

HIGH PERFORMANCE INSULATED ROLLING DOOR

## Simply the World's Fastest, Most Energy-Efficient Insulated Door

With an unrivaled average speed of up to 101 inches per second and an extraordinary insulating capacity, the Turbo-Seal Insulated door is the definitive solution for cold storage environments. The revolutionary door is built on the proven Turbo-Seal platform for unmatched reliability and lasting performance.

### Primary Industries



Cold Storage



Food and Beverage

### Extremely Fast and Quiet

- Peak speed of up to 182" per second
- Average speed of up to 101" per second
- Highest average opening speed of any insulated roll door available

### Rilon™ Thermal (3.0) Panel

- One-inch thick, closed-cell foam panel
- Laterally-rigid and vertically flexible
- Non-porous, moisture-proof vapor barrier for uniform performance
- R-4 insulated value

### Perimeter Seals

- Quad Seals™ in the side columns provide double seals on the front and back of the panel
- Top brush seals at top of the door eliminate ice propagation
- Flexible low temperature edge seal creates a tight seal along the bottom of the door

### Thermal Breaks

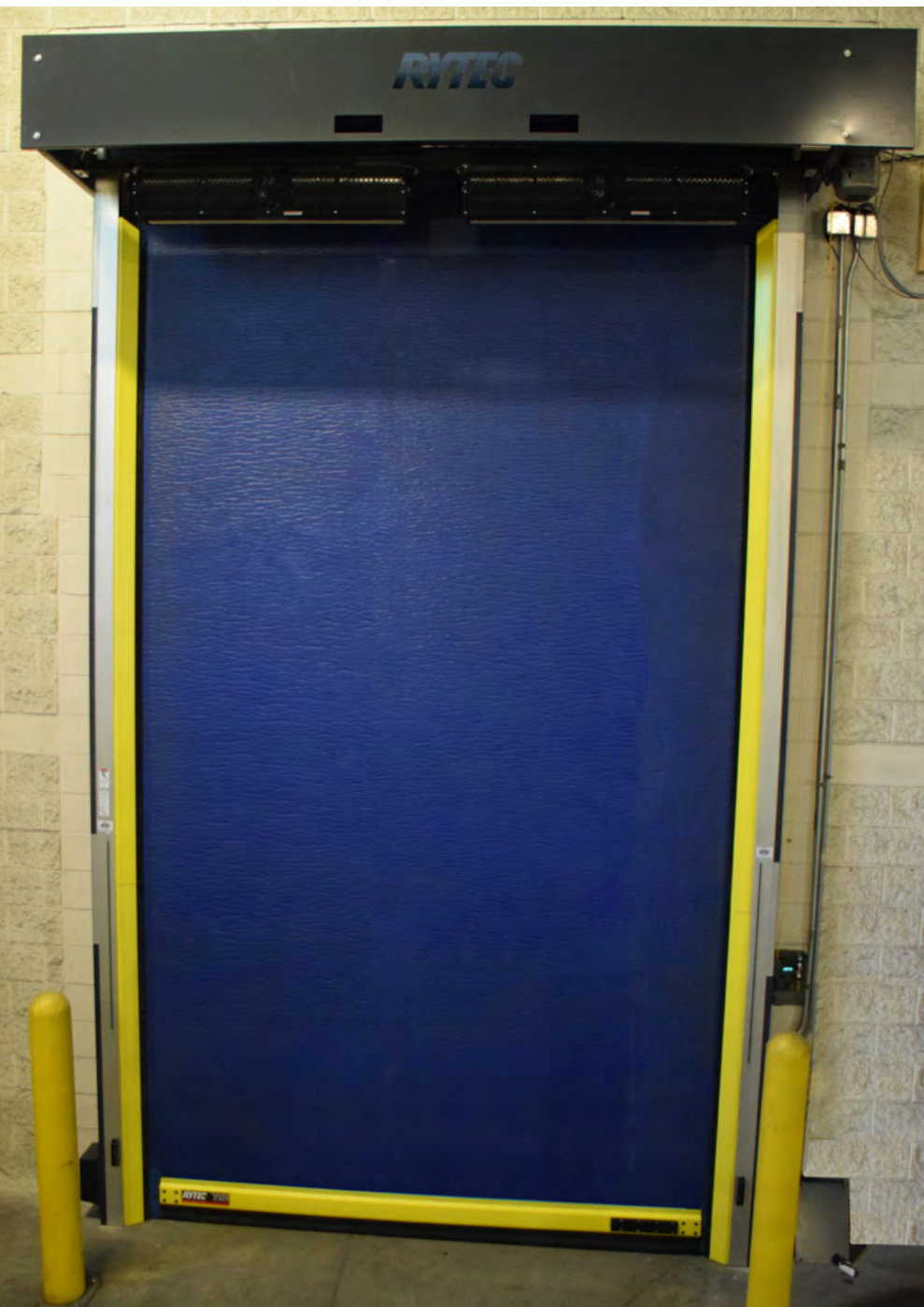
- Thermal breaks built into the header, side columns and bottom bar
- Full perimeter thermal breaks minimize conductive thermal energy transfer

### Self-Repairing

- Panel breaks away after impact from either direction
- Instantly self-repairs and resets automatically
- No manual intervention or door downtime

### Safe

- Thru-beam photo eyes
- Pneumatic reversing edge
- Pathwatch® Safety Light System



# TURBO-SEAL<sup>®</sup> INSULATED

## HIGH PERFORMANCE INSULATED ROLLING DOOR

### Model Name

- Rytec<sup>®</sup> Turbo-Seal<sup>®</sup> Insulated Rolling Door

### Size and Dimensions

- Up to 12' W x 21' H
- 41" headroom above lintel
- 10.5" side column projection
- 34" head projection
- 6" side column width
- 18" side clearance, motor side
- 10" side clearance, non-motor side
- Motor placement on right or left

### Available Options

- Single source transformer

### Warranty

- One year limited warranty on materials and workmanship
- Lifetime warranty on counterweights

### Operation

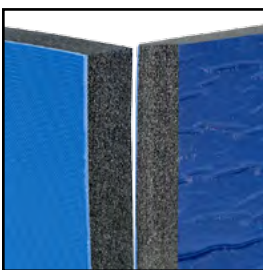
- Three horsepower motor
- Counterbalance with heavy duty straps assists motor and reduces energy consumption



Efficient 3 horsepower motor

### Thermal Performance

- Rilon thermal panel
- Quad seals in side column
- Top brush seal
- Integral bottom edge seal
- Integrated thermal breaks throughout entire door assembly



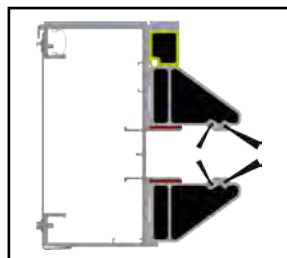
Rilon (3.0) Thermal Panel

### Panel Construction

- 1" thick insulated panel
- Three-layer construction consisting of Rilon, closed-cell foam and proprietary thermally laminated protective film
- Uniform thermal performance from edge-to-edge
- No heat-sealed pockets, stitching, spun insulation or quilted pads

### Side Column Construction

- Extruded aluminum and fiberglass construction
- Modular design for easy brush seal or fiberglass section replacement
- Counterweight strap inspection window
- Low profile side column



Low profile footprint with integral thermal breaks

### Bottom Bar

- Low profile bottom bar with integral thermal breaks
- Completely sealed battery enclosure eliminates moisture build up
- Thermal break-away tabs provide a tight seal in the side column
- Fully sealed reversing edge with floor sweep



### Head Assembly



- Integrated fork pockets reduce head clearance requirements and simplify installation
- Construction of support frame allows for easier maintenance and access to door components

### Electrical Controls

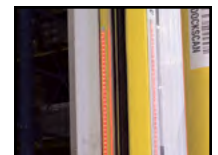
- System 4<sup>®</sup> controller housed in a NEMA 4X rated enclosure with factory set parameters
- Intelligent processor monitors and controls power consumption
- Advanced self-diagnostics for troubleshooting



System 4 shown with optional rotary disconnect

### Safety

- Standard dual thru-beam photo eyes
- Standard sensitivity-adjustable pneumatic reversing edge
- Standard Ry-Wi<sup>™</sup> Wireless System
- Standard Pathwatch<sup>™</sup> threshold warning lights



Pathwatch Safety System



888-GO-RYTEC  
Tel 262-677-9046  
One Cedar Parkway Jackson, WI 53037-0403

RytecDoors.com  
Fax 262-677-2058

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