

# TURBO-SEAL® SR

HIGH PERFORMANCE ROLLING DOOR

## The World's Fastest, Low Profile Break-Away Door.

The Turbo-Seal Self-Repairing (SR) door is a high-speed, high performance roll door engineered to enhance the flow of traffic and conserve energy while virtually eliminating downtime in demanding, high-traffic environments. The extreme high speed of the door, combined with an unmatched full- perimeter seal, helps maintain temperatures and dramatically reduce heating and cooling costs.

Because downtime is not an option in critical distribution, warehouse and manufacturing operations, the Turbo-Seal SR takes a hit from either direction, instantly releases and automatically resets itself - without any downtime, human interaction or damage to the door. The self-repair feature minimizes interruptions to a facility's operations and significantly reduces energy loss during the time it takes to repair the door.

*Shown with optional features.*



**Self-Repairing** – If the door is impacted from either direction, a pre-programmed, self-repairing feature automatically brings the door to the full open position where it is reset. The software then initiates the closing cycle - without user intervention.

**State-of-the-Art Controller** – The System 3® door controller provides for soft starts and stops, self-diagnostic functions, programming features and alternate self-repairing configurations.

**Safe** – Dual thru-beam photo eyes and a dual pneumatic, auto-reversing edge in bottom bar are standard. Optional windows for visibility, and optional Ry-Beam™ light curtain system available.

**Low Maintenance** – Dual guided counterweights and AC Drive technology ensure smooth, maintenance-free operation.

**Tightest Seal in the Industry** – Weatherseals on the top, bottom and Quad Seals™ on both sides of the door panel help reduce air infiltration.

**Fast** – With opening speeds up to 100 inches per second, the door opens quickly, reducing the chance of getting hit. High speed also permits the activation to be closer to the door.



# TURBO-SEAL® SR

## HIGH PERFORMANCE ROLLING DOOR

**Model:** Rytec® Turbo-Seal® SR Door

**Standard Size:** Up to 12 feet wide by 16 feet high.

**Door Panel:** 2-ply Rilon™ is standard. A smooth 2-ply Rilon and 3-ply Rilon are available. All fabric options are FDA compliant and are formulated with only high quality resins and plasticizers. The panels do not use vegetable-based derivatives which may contribute to unsanitary conditions and mold growth. Window options are available. Optional wind ribs provide stability in high positive and negative pressure environments. Contact factory for color options.

**Side Frames:** Fully bolt together, reinforced side frames with fiberglass tracks. Two sets of dual full-height weatherseals to seal against both sides of the panel material. Dual thru-beam photo eyes securely located within the side columns. Optional Ry-Beam light curtain system mounted securely within the side columns is available.

**Counterbalance:** Dual guided counterweights custom-sized to provide proper balancing of the door.

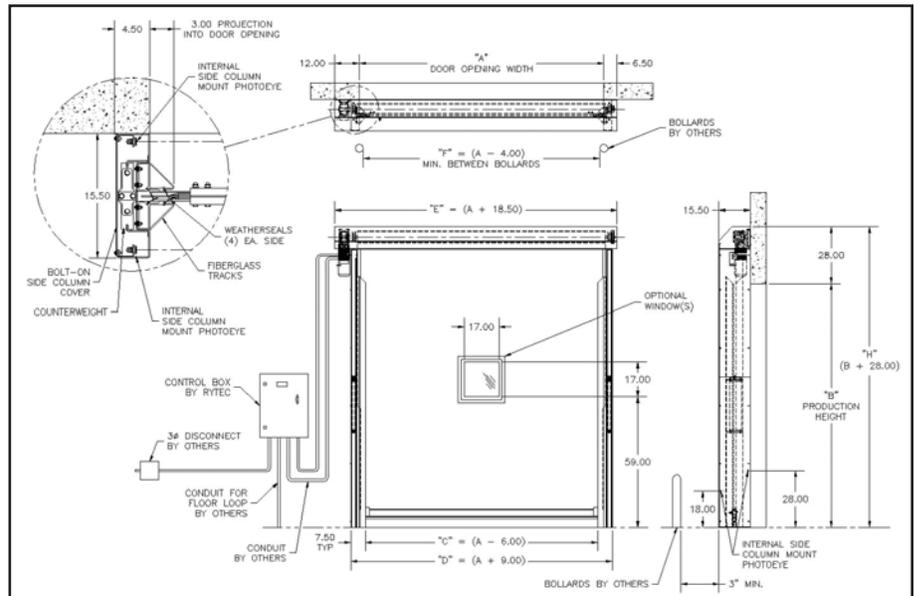
**Bottom Bar:** Break-Away extruded aluminum bottom bar releases in either direction without damage to the door. Ry-Wi wireless eliminates coil cords attached to the bottom bar. Automatic resetting of bottom bar from both directions. Dual cut-off switches shut off motor when bottom bar is impacted. No exposed junction box on bottom bar. Vinyl loop hugs floor contour for tight seal.

**Drive System:** Three-phase, variable speed AC Drive provides soft acceleration and deceleration. Independent opening and closing speeds provide flexibility to meet any application.

**Warranty:** One-year limited warranty on materials and workmanship. Lifetime warranty on door counterweights. Three-year limited warranty on 2-ply Rilon panel material.

**Travel Speed:** Opens at up to 100 inches per second.

Specification subject to change. © Rytec Corporation LIT.SWTNI



### Tight Header Seal

Unlike other roll up doors, the door panel rolls off the front of the roll drum allowing for an adjustment-free tight seal at the top.

### Automatic Self-Repairing System

The unique design and System 3 software permits the door to break away in either direction and automatically reset itself, with or without user intervention.

**Electrical Controls:** System 3 controller housed in a NEMA 4 rated enclosure with factory set parameters. Self-diagnostic features and a two-line, 32 character LCD display in English, French or Spanish provide quick and straightforward installation and control adjustments. Programmable inputs and outputs accommodate special control requirements without the need for additional electrical components.

