

SPIRAL® FV®

HIGH PERFORMANCE RIGID ROLLING DOOR

Ultra High Speed, Security and Full Vision - All in One Door

Take one look at the Spiral Full Vision (FV) door in action and it makes an immediate impression. With an ultra-high opening speed of up to 100 inches per second, it's extremely fast. Yet for all that speed, its unique Spiral technology keeps it whisper-quiet. Its top-to-bottom full-width window slats give it an extra measure of safety at the threshold, not to mention a sharp, high-tech look. All of which promote an enviable image of cutting-edge operations.

For modern production and commercial environments with high traffic, the Spiral FV will take your facility's look and efficiency to a higher plane.

Fast - With an opening speed of up to 100 inches per second, the Spiral FV improves traffic flow in fast-paced production and warehousing environments.

Whisper Quiet - With no metal-to-metal contact, the advanced Spiral technology offers whisper-quiet operation.

Safe - The top-to-bottom, full-width window slats, dual electric photo eyes and reversing edge in the bottom bar provide full visibility and added safety at the door's threshold.

Smooth Operation - The highly advanced System 4™ door controller enables precise door positioning, infinite speed adjustments and total control of all door functions.

Energy Efficient and Tight Seal - Polycarbonate window slats along with a durable rubber membrane provide a 100% seal against dust pollution, drafts, and inclement weather.



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Model Name

- Rytec® Spiral® FV® Door

Size and Dimensions

- Up to 26'2" W x 25'7" H
- Multiple door configurations based on door size.

Safety

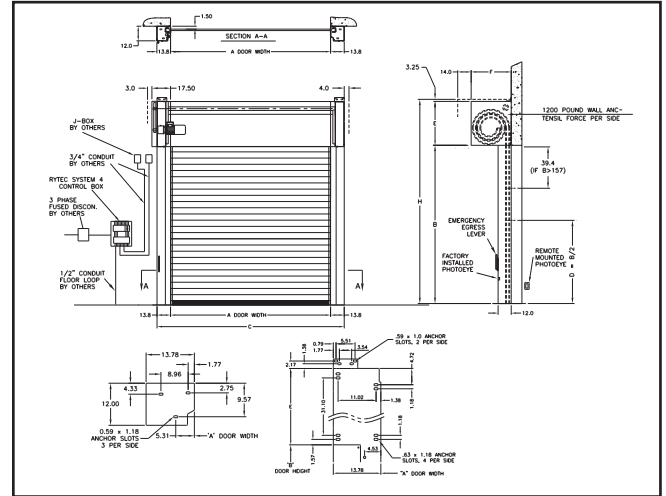
- Thru-beam photo eyes
- Control-reliable electronic reversing edge

Available Options

- Hood and motor covers
- Custom painted door panel

Warranty

- Five-year limited warranty on mechanical components.
- Two-year limited warranty on electrical components.



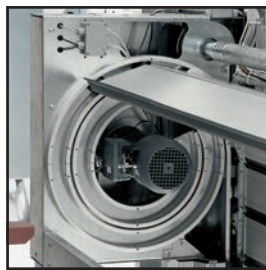
Nine inch high vision slats for increased visibility

Architectural Styling

- Aluminum slat frames with clear polycarbonate windows are 9 inches high.
- Maintains the security of a rigid door while full-height and full-width visibility provides for added safety.

Spiral Technology

- Unique spiral design results in no metal-to-metal contact, resulting in less wear and tear on the panel.
- Whisper quiet and low maintenance operation.
- Utilizes a compact AC drive motor with variable speeds to allow for soft acceleration and deceleration.



Compact AC Drive Motor

Electrical Controls

- System 4™ 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

Panel Design

- Integral rubber weatherseal between the slats provides a tight weatherseal across the entire panel.
- Rubber weatherseal is replaceable for easy maintenance.
- Patented hinge design allows for removal and replacement of single slat without disassembling the door panel.



Integral rubber weatherseal

Counterbalance System

- Up to six extension springs in each side column, depending on the size of the door.
- The springs assist the motor in opening, reducing motor wear and increasing the longevity of mechanical components.
- Mechanical egress lever on the side column allows the door to be opened in the event of a power failure.

Travel Speed

- Opens at up to 100 inches per second.



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