

SPIRAL[®] HZ[®]

HIGH PERFORMANCE HURRICANE ZONE DOOR

The Only High Speed Door Engineered to Withstand a Hurricane

The Spiral Hurricane Zone (HZ) door is the first and only high speed, high performance door with certified compliance with Miami-Dade County and the Florida Building Codes. Notice of Acceptance (NOA) from Miami-Dade County.

With an opening speed of up to 60 inches per second, the Spiral SST-HZ is fast. Rigid aluminum slats with reinforced hinges combined with the galvanized steel side columns offer security and the strength to handle a hurricane.

Crisp lines give the Spiral HZ door a stylish, high-tech look. Because its anodized aluminum will not corrode, you can count on that look to last for many years under even the worst weather conditions.

Wind Resistant - The Spiral HZ door is designed to comply with the High Velocity Hurricane Zone of the The Florida Building Code and certified to withstand winds up to 149 miles per hour.

Extensive Testing - Extensive testing was conducted in a state-of-the-art laboratory to ensure optimal performance in hurricane and extreme weather conditions. These tests include negative pressure, positive pressure and large and small missile impact testing.

High Security - Rigid, aluminum slat construction and optional, integral locking system provides unparalleled security.

Fast - Opens at up to 60 inches per second for improved traffic flow.

Whisper Quiet - The unique Spiral roll-up design features no metal-to-metal contact, therefore offering whisper quiet operations.

Energy Efficient and Tight Seal - Aluminum slats, along with a durable rubber membrane which covers the reinforced hinges, provide a 100% seal against dust pollution, drafts, and inclement weather. Insulation is standard.



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Model Name

- Rytec[®] Spiral[®] HZ[®] Door

Certification

- Spiral HZ
Miami-Dade, Florida NOA No. 12-0917.05, 11/8/2017
Florida Building Code: FL# FL16612

Size and Dimensions

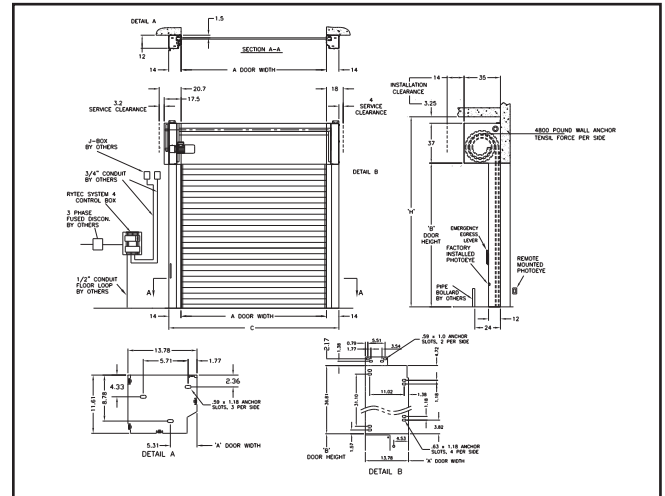
- Up to 16' W x 16' H
- Multiple door configurations based on door size.

Safety

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

Warranty

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



Heavy-duty panel built to withstand missile impacts in high velocity wind zones.

Hurricane Tested

- Rytec hurricane doors are independently tested and certified to withstand missile impacts in high velocity wind zones.
- Certified to withstand hurricane force winds of up to 149 mph.

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.



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 60 inches per second.



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