RYTEC
a NUCOR company

SPIRAL® HZ®

HIGH-PERFORMANCE HURRICANE ZONE DOOR

SmartSurround®
ADVANCED DETECTION & ALERT SYSTEM

SPIRAL® HZ®

The Only High-Speed Door Engineered to Withstand a Hurricane

The Spiral® HZ® (Hurricane Zone) rigid rolling door is the first and only high-speed, high-performance door with certified compliance with Miami-Dade County and the Florida Building Code. *Notice of Acceptance (NOA) from Miami-Dade County, Florida NOA No. 23-0929.05. Florida Building Product Approval FL# FL28502-R3.*

Rigid aluminum slats with reinforced hinges combined with the durable powder coated 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 slats will not corrode, you can count on its look to last for many years under even the worst weather conditions.

Spiral HZ high performance is guaranteed with a **5-year limited warranty**.

Withstands hurricane speed winds

Wind Resistant

- Designed to comply with the High Velocity Hurricane Zone of the Florida Building Code and certified to withstand winds up to 175 miles per hour

Extensive Testing

- Negative pressure, positive pressure and large and small missile impact testing conducted to ensure optimal performance in extreme weather conditions

Solid Security

- Minimum 1 3/16-inch thick double walled aluminum slats
- Integral rubber weatherseal
- Continuous heavy-duty hinge system

High Speed

- Opening speed of up to 60 inches per second improves traffic flow in fast-paced environments

Ultra Quiet

- Spiral track design features no metal-to-metal contact for remarkably quiet operation

Energy Efficient & Tight Seal

- Aluminum slats and durable rubber membrane provide a 100% seal against dust, drafts, and inclement weather

SPIRAL® HZ®

HIGH-PERFORMANCE HURRICANE ZONE DOOR

Automotive Dealership | Emergency Services | Government & Municipalities | Hurricane Zone
Parking | Security | Self Storage | Transit

Size/Dimensions

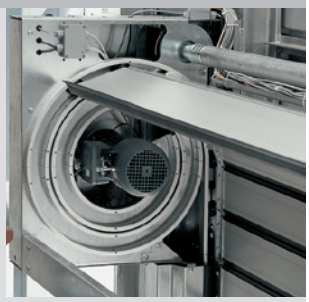
- Maximum width up to 16'
- Maximum height up to 20'11"

Travel Speed

- Opening speed up to 60 inches per second

Spiral Technology

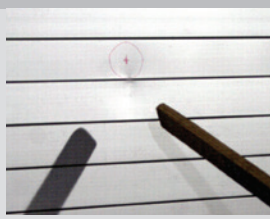
- Unique, patented design creates no metal-to-metal contact, resulting in less wear and tear on the panel
- Ultra quiet and low maintenance operation
- Utilizes AC drive motor with variable speeds to allow for soft acceleration and deceleration



Variable speed motor

Hurricane Tested

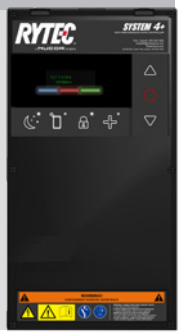
- Independently tested
- Certified to withstand missile impacts in high velocity wind zones
- Certified to withstand hurricane force winds of up to 175 mph
- Miami-Dade County, Florida NOA No. 23-0929.05 and Florida Building Product Approval FL# FL28502-R3



Heavy-duty panels built to withstand impact

Electrical Controls

- System 4+™ controller housed in a NEMA 4X rated enclosure with factory set parameters
- Expanded Bluetooth capability, increased 24VDC power supply, built-in selector switch/ function buttons and more
- Intelligent processor monitors and controls power consumption during operation
- Advanced self-diagnostics for troubleshooting



Standard maximum sizes shown; larger sizes may be available upon request.

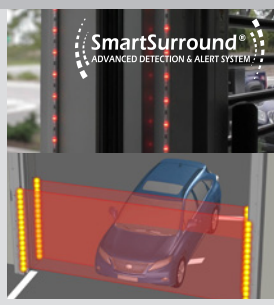
Panel Design

- Integral rubber weatherseal between the slats provides a tight weatherseal across the entire panel
- Patented hinge design allows for removal and replacement of individual slats without disassembling the door panel

Integral rubber weatherseal

Safety is Standard

- **SmartSurround® Advanced Detection and Alert System** Intuitive light curtain system + LED safety lights for traffic recognition, detection and alerting
- Electric reversing edge
- Ry-Wi® Wireless System
- Mechanical brake release lever allows door opening in the event of power failure



SmartSurround® light curtains and LED light strips provide 4-corner perimeter guard

Architectural Styling

- Sleek, double-walled, clear anodized aluminum slats
- Slats are 6 inches high with an integral weatherseal between each panel

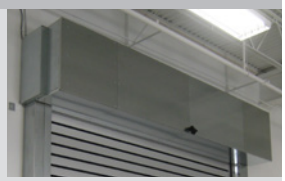
Six-inch high slats shown

Warranty

- Five-year limited warranty on motor/mechanical components and materials
- Two-year limited warranty on electrical components

Options

- Pre-wired premium package
- Hood and motor covers
- Compact BTA4 remote door controller
- Powder-coated finish available in RAL classic colors or custom match
- Multiple door activation options available; contact factory for details



Optional hood and motor cover shown

American Owned, American Made

Watch All Rytec Testimonials

Specifications subject to change

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