RYTEC a NUCOR company

SPIRAL® LH®-HZ®

HIGH-PERFORMANCE LOW HEADROOM HURRICANE ZONE DOOR

SmartSurround® ADVANCED DETECTION & ALERT SYSTEM

SPIRAL® LH®-HZ®

Low Headroom and High Security Join Forces Against Hurricane-Force Wind

The Spiral® LH®-HZ® (Low Headroom Hurricane Zone) rigid rolling door brings high speed and high security to applications with limited headroom in high velocity hurricane zones. It has been certified to be in compliance with Miami-Dade County and the Florida Building Code to withstand winds up to 175 mph. *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 LH-HZ door a stylish, high-tech look. The anodized aluminum slats will not corrode, so you can count on its look to last for many years even under the worst weather conditions.

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

Withstands hurricane speed winds

Low headroom configuration

Low Headroom

- The low lintel design requires as little as 11 inches of headroom clearance

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

- High performance technology and low headroom angled track offer a quiet and unobtrusive operation

Energy Efficient & Tight Seal

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

SPIRAL® LH®-HZ®

HIGH-PERFORMANCE DOOR

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

Size/Dimensions

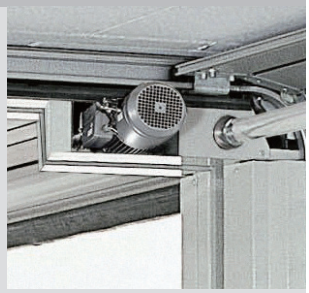
- Maximum width up to 16'
- Maximum height up to 16'4"

Travel Speed

- Opening speed up to 60 inches per second

Unique Track Design

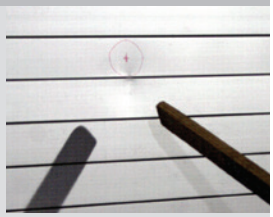
- Special track design allows door to fit in low headroom areas with as little as 11 inches of clearance above the door opening
- Compact, variable speed motor with soft acceleration and deceleration and braking for smooth starts and stops



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

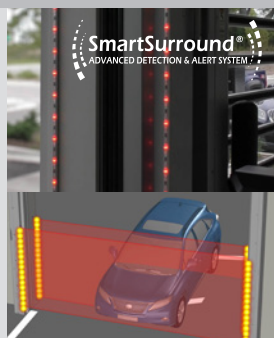
Panel Design

- 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

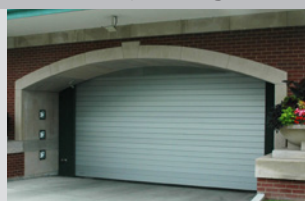
- **SmartSurround® Advanced Detection and Alert System** Intuitive light curtain system + LED safety lights for traffic recognition, detection and alerting
- Electric reversing edge
- Ry-Wi® Wireless System
- Mechanical brake release lever allows door opening in the event of power failure



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



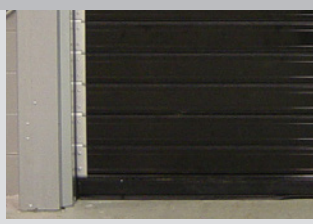
Six-inch high slats shown

Warranty

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

Options

- 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



Powder coated slats shown

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

American Owned, American Made

Watch All Rytec Testimonials

Specifications subject to change
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