



Rytec Spiral[®] Series

HIGH-PERFORMANCE DOORS



RYTEC
a NUCOR company



CONTENTS

- 
- 3** PATENTED SPIRAL[®] TECHNOLOGY
 - 5** INCREASED SECURITY AND ACCESS CONTROL
 - 7** REDUCED HEATING AND COOLING COSTS
 - 8** INCREASED PRODUCTIVITY AND EFFICIENCY
 - 10** INCREASED SAFETY
 - 11** ADVANCED INTELLIGENCE
 - 12** REDUCED MAINTENANCE COSTS AND DOWNTIME
 - 13** ENHANCED AESTHETICS
 - 15** CUSTOMIZATION
 - 26** SPIRAL DOOR SERIES

PATENTED SPIRAL[®] TECHNOLOGY

The Rytec Spiral Series of high-performance doors offers a unique spiral track design that ensures no metal-to-metal contact for ultra-quiet operation.

The spiral track also guards against wear and tear on the aluminum panel, resulting in minimal maintenance, preserved aesthetics and longer life.



Often Imitated,
Never Duplicated.

Technology That
Continues To Enhance
The Door Industry.

Innovative design. The patented Rytec Spiral design is engineered for millions of cycles. Interconnected rigid panel slats, reinforced hinges and durable rubber membrane creates a tight seal. And with opening speed up to 100 inches per second, it provides the 'Wow Factor' you're looking for.



Conceals and Protects. By design, the entire door panel rolls up into its own head console, concealing and protecting the door without any metal-to-metal contact.

Engineered for Millions of Cycles. Nylon rollers ride effortlessly in a spiral track and rigid panels are secured with reinforced hinges.

Exceptions to the Spiral design. In certain instances the Spiral head design will not fit if head room clearance is limited. In those cases, our low-headroom configuration will provide the same great performance and aesthetics.



INCREASED SECURITY AND ACCESS CONTROL

Fast opening speed combined with rigid Spiral construction will enhance building security for many applications. Since the door closes quickly after each vehicle enters or exits, unauthorized access is virtually eliminated.

PARKING
Calgary, Canada



SPORTS ARENA
Glendale, Arizona



AUTO DEALERSHIP
Concord, North Carolina



Securing Buildings
Front to Back

GOVERNMENT

Orlando, Florida

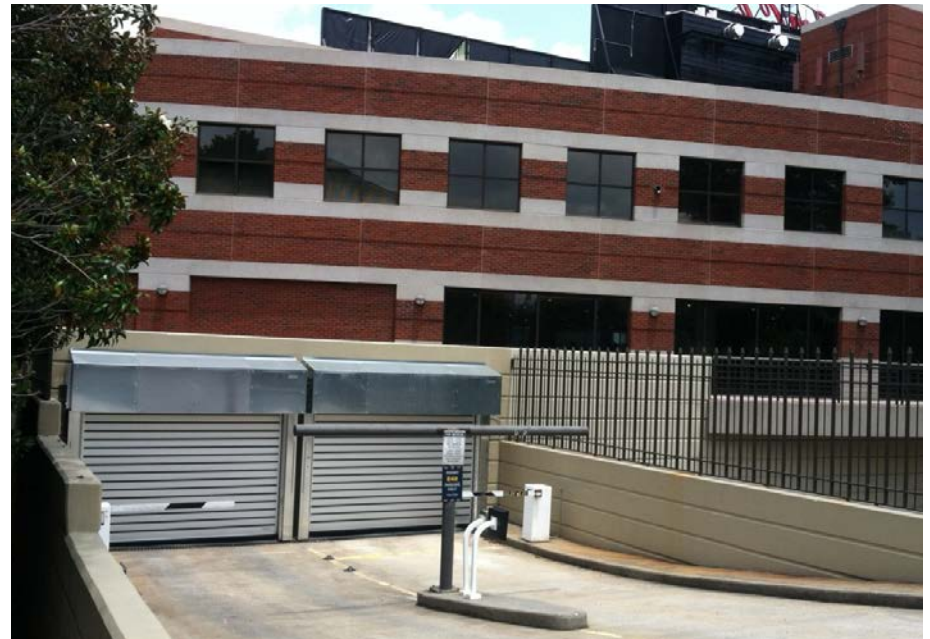


PENITENTIARY

Augusta, Georgia

UNIVERSITY

Atlanta, Georgia



QUALITY. PERFORMANCE. RELIABILITY.

RYTECDOORS.COM



APARTMENT/CONDO
Seattle, WA



HOTEL/RESORT
Lake Tahoe, CA

REDUCED HEATING AND COOLING COSTS

Controlled Environments. In temperature-controlled buildings, less outside air infiltration translates directly into lower heating and cooling costs.

High Speed = Fast Savings. The faster the door closes, the faster ambient air, humidity and even dust are stopped from entering the building.

Specialized Solutions, Save. For colder climates optional insulated panels provide enhanced thermal performance.



MANUFACTURING
Salt Lake City, UT



INCREASED PRODUCTIVITY AND EFFICIENCY

Fast Moving. Most Spiral models open completely in just seconds. The volume and flow of traffic are assured, keeping drivers and workers moving at a steady pace.

High Tech Activation. From motion sensors to remote controls, door operation is fully automated or user-controlled through a complete range of door activators.

Keeping Operations
Running Smoothly



MANUFACTURING Ontario, Canada



DISTRIBUTION Springfield, Missouri



CAR WASH

QUALITY. PERFORMANCE. RELIABILITY.

RYTECDOORS.COM



Fast Opening
Speed

EMERGENCY RESPONSE
Winfield, Illinois



FIRE STATION
Fort Gordon, Georgia

When Time
is Crucial

INCREASED SAFETY

Preventive Features and Warnings. Equipped standard with warning LED lights on side columns that illuminate amber as the door is about to close and red to indicate the door is closing. Additional options are available for even more visible warning lights and devices.

Protect People and Equipment. Multiple features to detect and alert prior to something coming into contact with the door, or to reverse the door and clear the opening if contact is made.

Standard Safety Devices*

- ▶ SmartSurround® Advanced Detection & Alert System
- ▶ Advanced³ Light Curtain System
- ▶ Pathwatch® Safety Light System
- ▶ Dual Thru-Beam Photo Eyes
- ▶ Ry-Wi® Wireless System



*May vary by model



**Pathwatch® II
Safety Light System**



**Audible
Alert System**

Advanced Safety Devices

- ▶ Pathwatch® II Safety Light System
- ▶ Audible Alert Systems
- ▶ Countdown Clock
- ▶ Emergency Stop Push Buttons

**Contact Us for Even More
Available Devices**



Countdown Clock

ADVANCED INTELLIGENCE

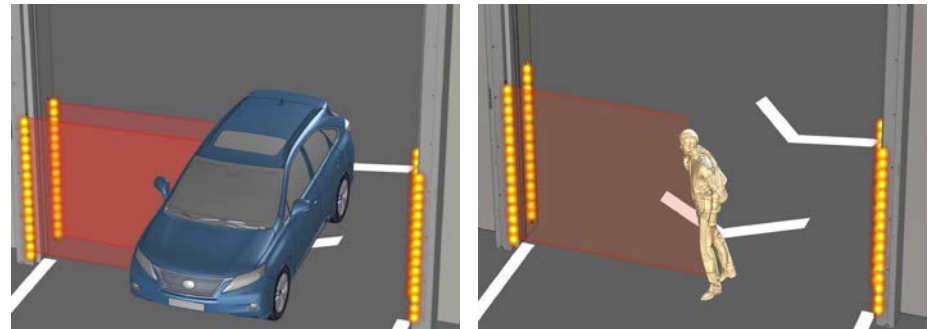


Rytec's revolutionary new SmartSurround® Advanced Detection and Alert System brings AI-based intelligence to the door threshold, an industry first. It's exclusive to most Rytec High Performance Door Spiral® models.

- ▶ Recognizes traffic
- ▶ Creates active 4-corner perimeter guard
- ▶ Extends beyond the door threshold
- ▶ Detects and respond to traffic patterns
- ▶ Providing a visual cue for vehicles and pedestrians

The customizable bright LED lights warn of door movement. They also help make parking structures more secure by warning of and deterring loitering around the door.

[Learn more about SmartSurround® >](#)



REDUCED MAINTENANCE COSTS AND DOWNTIME

Exceptional Performance. Unlike conventional repair-prone overhead doors, Spiral doors are engineered to open and close hundreds of times a day, day after day, year after year.

Quality Driven. The industrial-strength technology offers nearly continuous uptime and requires only minimal preventive maintenance.

LARGE EQUIPMENT FACILITIES

Public Transportation and Airport



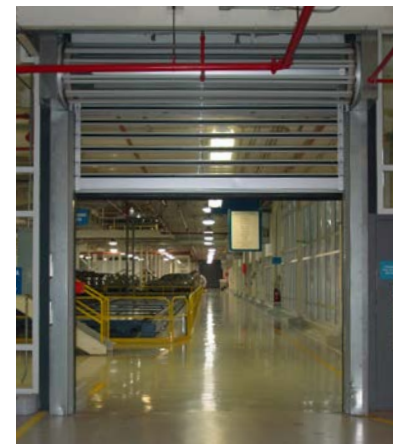
AUTO DEALERSHIPS



MANUFACTURING

Interior Application

Fast Paced
Operations Need
to Stay Running



ENHANCED AESTHETICS

Coordinates with Any Design. Whether it's the contemporary, durable powder-coated finish, an RAL or custom paint color or a high-definition wood grain finish, every Spiral model offers crisp, clean lines and a sleek, high-tech appearance.



Transforming
Settings with
Form and
Function

HOSPITALITY

Lexington, Kentucky



INTERIOR OFFICE

Charlotte, North Carolina



PARKING GARAGE

Denver, Colorado



Unique
Applications

**BANK LOBBY/ATM
SEPARATION**



**AUTO
DEALERSHIPS**



Provide the "WOW" Factor

QUALITY. PERFORMANCE. RELIABILITY.

RYTECDOORS.COM

CUSTOMIZATION

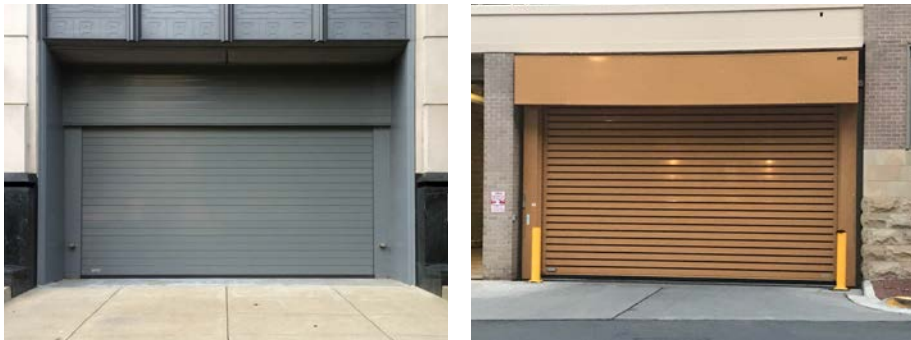
Multiple Configurations. Slat styles include clear or tinted LEXAN™ vision slats, ventilated slats and 7-inch or 9-inch standard solid slats.

Designed to Perform. Mixed slat patterns can provide just the right look and function for any application. Specialized models for unique applications and more.

- ▶ Classic RAL or custom color options
- ▶ Vision, ventilated or solid slat options
- ▶ Variable slat configurations
- ▶ Customized sizes
- ▶ Specialized models for low-headroom, hurricane zones and lower speed/lower cycle applications
- ▶ Hood and motor cover options
- ▶ BTA4 Controller with Spiral® Pre-Wired Package



Wide Selection of Colors



Coordinates With All Building Styles

Vision Slats

- ▶ Shatter-proof and scratch-resistant polycarbonate LEXAN™ sheets protect vision slats
- ▶ LEXAN sheets with MARGARD™ coating are break, scratch, UV light and graffiti-resistant
- ▶ Formulated with pure resin to ensure the best possible optical clarity and light transmission
- ▶ Available in clear and translucent bronze or grey tinted options for enhanced aesthetics and solar heat gain reduction



Rytec offers a
7-year limited
performance
warranty on
Spiral FV door
vision panels





Vision Slat Performance

- ▶ 30 times the impact strength of acrylic
- ▶ 250 times the impact strength of glass
- ▶ MARGARD proprietary coating protects the surface and withstands scratches and abrasions
- ▶ MARGARD coating enhances protection against yellowing, hazing and other damaging effects of the sun
- ▶ Ideal for exposed areas or harsh weather conditions
- ▶ MARGARD coating inhibits paint, adhesives and other materials from easily sticking to the surface



Clear



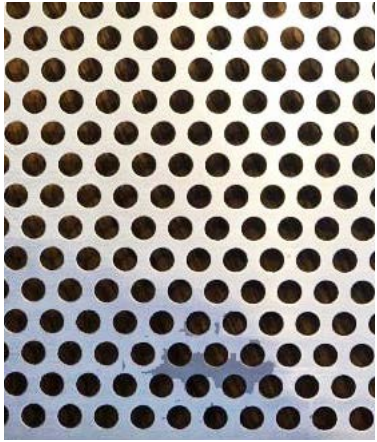
Bronze



Grey

	Light Transmission	Solar Absorption	Total Solar Transmission
Clear	87%	9%	84%
Bronze	50%	38%	65%
Grey	50%	38%	65%

Translucent bronze and grey grades significantly reduce solar heat build-up, helping to maintain interior temperatures



Ventilated Slats

- ▶ Perforated, round holes
- ▶ 9-inch slats with rubber weatherseal
- ▶ Air flow + security
- ▶ Allows air circulation
- ▶ Variety of color options



Safe and Secure

Unique Slat
Configurations
and Patterns
for Any Type of
Application



QUALITY. PERFORMANCE. RELIABILITY.

RYTECDOORS.COM

Extra Tall to
Extra Wide



Size Variations Tailored
to Specifications



Low-Headroom and Low Profile Models for Limited Space

- ▶ Same quality design as other Spiral doors but with a low-headroom track
- ▶ Track design allows a door to fit with as little as 10 inches of clearance
- ▶ Available in hurricane zone model and low profile model with reduced side column width for even tighter spaces



Hurricane Zone Tested Models

- ▶ Independently and missile impact tested
- ▶ Certified to withstand winds up to 175 miles per hour
- ▶ Compliant with Miami-Dade County and Florida Building Code



First High-Speed
Door Engineered
to Withstand a
Hurricane

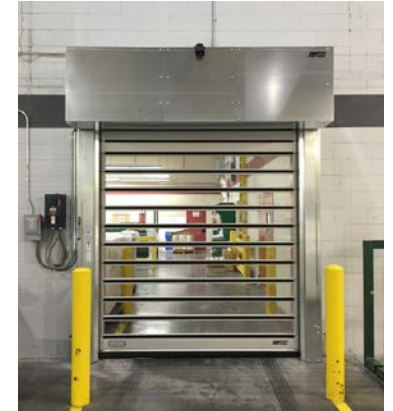
Hood & Motor Covers

- ▶ Helps protect motor and head assembly from damage, dust and debris
- ▶ Creates an all-around sleek look

Exterior Applications



Interior Applications



Slant Hood



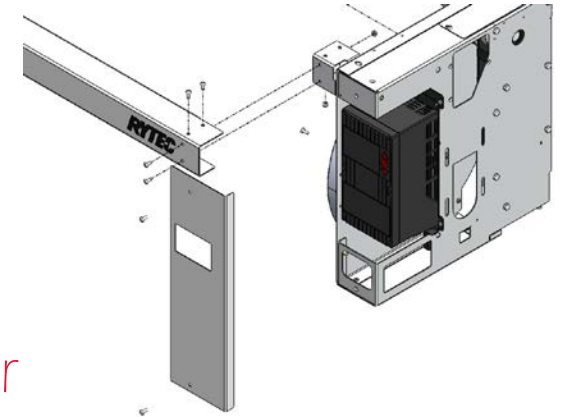
Flat Hood

Intelligent Controllers

The next generation System 4® and BTA4 Remote door controllers provide greater functionality and unprecedented efficiency. And feature smart technology, easy installation and a standard NEMA 4x rated enclosure.



System 4® Door Controller



BTA4 Remote Door Controller

- ▶ Compact design with multiple mounting options
- ▶ Connects to System 4 mounted in head assembly
- ▶ Simplifies field connections and reduces installation time by hours
- ▶ Minimal conduit and wiring for visually uncluttered and clean environments



Spiral® Door Series



Spiral® 
Exclusive Patented Technology

High-speed rigid rolling door with architectural style

Advanced³ Light Curtain Safety System standard on all non-HZ high-speed models

Ideal for security applications

Durable powder coated side columns and head console



Spiral® LP 
Low Profile

High-performance with low profile side columns and low headroom

Ideal for limited space applications

Durable powder coated side columns

Full-vision Spiral® LP-FV or full-ventilation Spiral® LP-VT models available



Spiral® FV® 
Full Vision

High-speed rolling door with full-vision LEXAN™ slats

Ideal for automotive and security applications

Standard clear plus tinted bronze or grey options

Durable powder coated side columns and head console



Spiral® VT 
Ventilated

High-speed ventilated rigid rolling door

Ideal for parking garages

Perforated, round-hole style slats for continuous air flow

Durable powder coated side columns



Spiral® HZ® 
Hurricane Zone

High-speed hurricane-zone rolling door, compliant with Miami-Dade County and Florida Building Codes

Optional low headroom/low lintel version available



Spiral® LH®-HZ® 
Low Headroom and Hurricane Zone

High-speed hurricane-zone rolling door, compliant with Miami-Dade County and Florida Building Codes

Ideal for low headroom/low lintel applications

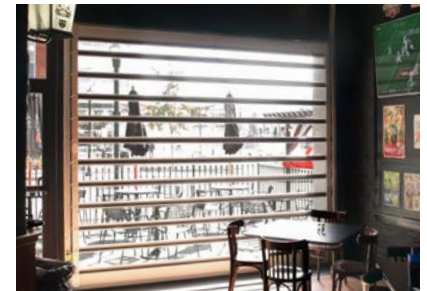


Spiral® LH® 
Low Headroom

High-speed rolling door with special track design and compact-sized motor for tight spaces

Ideal for low headroom/low lintel applications

Full-vision Spiral® LH®-FV® or full-ventilation Spiral® LH®-VT models available



Spiral® VP
Lower Speed, Lower Cycle

High-performance door with aesthetic appeal

Ideal for lower speed and lower cycle applications

Direct drive and balanced models

RYTEC HIGH PERFORMANCE DOORS

SEE THE FULL LINE OF THE SPIRAL SERIES DOORS

Rytec is North America's leading manufacturer of high-speed, high-performance doors. For 40 years our focus has been exclusively on design, innovation and manufacturing of high-performance doors. Market-leading companies across a variety of industries trust and rely on Rytec for outstanding quality, performance and reliability.

REQUEST A QUOTE



Quality. Performance. Reliability.

Specifications subject to change LIT081325

RytecDoors.com

888-GO-RYTEC

Rytec.Info@Nucor.com

P: 262.677.9046 F: 262.677.2058

RYTEC
a NUCOR company