

**RYTEC**

HIGH PERFORMANCE DOORS

**SPIRAL<sup>®</sup>**

HIGH PERFORMANCE RIGID ROLLING DOOR

*Shown with optional vision slats***SPIRAL<sup>®</sup>**

## High Security, High Speed and Architectural Style - All in One Door

The Spiral door offers high-speed operation for high-traffic situations and rigid aluminum slat construction that eliminates the need for a second security door. Crisp lines give the Spiral door a stylish look that's great for many types of commercial, automotive retail, government, institutional and industrial applications.

The exclusive, patented Spiral design provides ideal performance for automotive dealerships, government, and municipal facilities, parking and security-related installations.

*Shown with optional vision slat*

### 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

### Unparalleled Performance

- Variable speed AC drive system, with soft acceleration and deceleration - smooths out routine stops and starts

### Energy Efficient and Tight Seal

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

**QUALITY. PERFORMANCE. RELIABILITY.****RYTECDOORS.COM**

# SPIRAL<sup>®</sup>

## HIGH PERFORMANCE RIGID ROLLING DOOR



### Size/Dimensions

- Maximum width up to 26'3"
- Maximum height up to 22'11"

### 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



AC drive motor

### Architectural Styling

- Sleek double walled aluminum slats are 6 inches high with an integral weatherseal between each panel
- Durable 'Rytec silver' powder coated finish\* is UV-stable and resists rust, corrosion and fingerprints



Six-inch high slats shown

### Electrical Controls

- System 4<sup>®</sup> 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
- Patented hinge design allows for removal and replacement of single slat without disassembling the door panel



Integral rubber weatherseal

### Safety is Standard

- Advanced<sup>3</sup> Light Curtain Safety System
- Pathwatch<sup>®</sup> Safety Light System
- Electric reversing edge
- Ry-Wi<sup>®</sup> Wireless System
- Mechanical brake release lever allows door opening in the event of power failure



Pathwatch warning lights and brake release lever shown

### Warranty

- Five-year limited warranty on materials and components
- Two-year limited warranty on electrical components



### Options

- Pre-wired premium package
- Insulated, ventilated or vision slats
- Hood and motor covers
- Dual thru-beam photo eyes
- Powder coated finish also available in RAL classic colors or custom match
- Motion, presence, loop or radio controlled door activators



Optional vision slats shown

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

\*Side columns and head console; excludes US/R models.

American Owned, American Made



◀ Watch All Rytec Testimonials

Specifications subject to change  
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# DOORS

LIGHT DUTY ROLL-UP



## 650 SERIES

Transform your building's exterior and protect your assets with DBCI's economically efficient 650 Series steel-curtain roll-up door. The 650 Series was engineered to protect and maintain building envelopes in extreme conditions without the heavy, weighted elements frequently required in commercial use.

↑ **HEADROOM**  
17" (UP TO 10')  
**SIDE ROOM**  
3 1/4" (UP TO 8'8")  
↓ 3 1/2" (UP TO 10')



**WARRANTY**  
**30/25**  
FILM/CHALK-FADE

WeatherXL



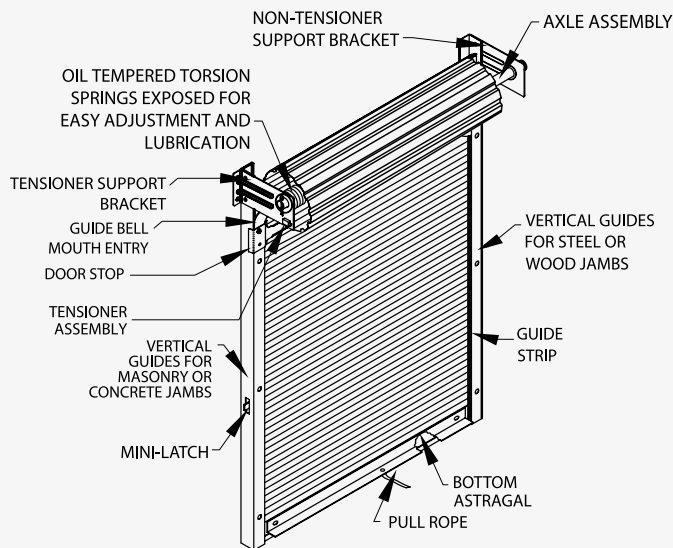
The 650 Series is wind rated up to 8'8" wide and approximately 90 MPH.

# 650 SERIES

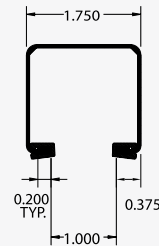
## LIGHT-DUTY ROLL-UP



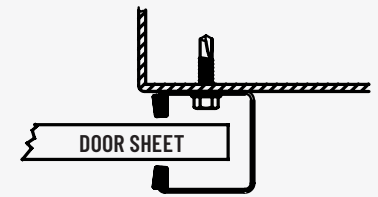
### INTERIOR ELEVATION



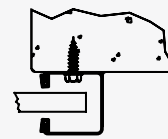
### GUIDE DETAIL



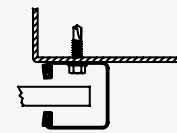
### DOOR ENGAGEMENT



### GUIDE MOUNTING



MASONRY MOUNT



STEEL MOUNT



WOOD MOUNT

### CURTAIN

- 26-gauge galvanized, Grade E hard steel
- 5/8" ribbed corrugation
- All latches accept double locks and 7/16" shackles
- Max opening size 10' x 10'

### BOTTOM BAR

- 6063 - T6 aluminum extrusion
- 1 1/2" x 1 1/2" galvanized angles
- Replaceable bulb astragal

### AXLE-DRUM ASSEMBLY

- 1 5/16" O.D. steel axle, 14-gauge
- Utilizes 9 1/2", 18-gauge drums
- Oil tempered e-coated torsion springs, available in two springs upon request from 7' to 10' wide
- Fully accessible springs for inspection and maintenance

### GUIDE SYSTEM

- 18-gauge galvanized steel
- Pre-punched holes for anchors, slide latch, bracket attachment and head stop attachment
- Polyethylene guide strips provide easy, quiet operation

### HARDWARE

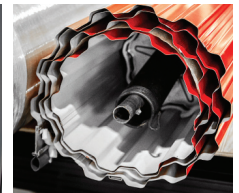
- 12-gauge head stops have slotted mounting holes for proper attachment
- 14-gauge galvanized steel handles
- 12-gauge tension bracket made for additional strength
- Shielded radial bearings for smooth operation
- Gear-driven tensioning bracket allows for smooth adjustment
- 12-gauge bearing bracket on right side
- Stainless steel standard latch

### OPTIONS

- Top and side draft stop
- Weatherizing Storage Door Curtains™
- Available in 24 colors, subject to availability and varying lead times

### MINIMUM CLEARANCE

- For proper exterior door installation, a 1/2" deep rain lip must be formed in the concrete slab extending a minimum of 3 1/2" from the interior face of the jamb.



The 650 Series is wind rated up to 8'8" wide and approximately 90 MPH.



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