

STACK  NG SERIES

VertiStack® Clear Door

Models VS904L & VS904UL



COMPACT VERTICAL
STACKING ENABLES
CLEAN AESTHETIC

THE VERTISTACK® CLEAR DOOR utilizes unique, compact stacking panels that take up minimal ceiling space, so it won't interfere with mechanical, electrical or plumbing fixtures. Vertically stacked panels with minimal projection off the wall allow for a clear and open ceiling. The sections can even be recessed into the ceiling if desired. Designed to operate smoothly and quietly, the door will not disturb patrons when operating. Model VS904UL features Intellicore® polyurethane insulated rails and stiles.

CORNELL
Innovative door solutions.™

EXPAND YOUR FOOTPRINT

VertiStack® Clear Door allows you to bring the outside in. When the door is open, indoor seating can be extended to the outside areas, inviting a state of flow between interior and exterior spaces. When the door is closed, the glass panels let in ample sunlight to offer warm hospitality. The built-in gaskets between sections make the door IECC compliant for air infiltration, keeping patrons comfortable and reducing energy usage.



BRING THE OUTSIDE IN

VERTISTACK IS IDEAL FOR ENTERTAINMENT VENUES, RETAIL, HOSPITALITY & EDUCATIONAL SPACES



CLEAR AESTHETICS

VertiStack Clear Door offers a sleek design with minimal lines and angles. A clean, modern look from inside and out with aesthetic appeal is created, since VertiStack Clear Door has no visible hinges or exposed track or cable. Available in a variety of glass, acrylic and polycarbonate options, VertiStack Clear Door also offers choices for customizable color and finish, giving designers free rein and flexibility to match or enhance any aesthetic.

**SCAN THIS
QR CODE TO SEE
VERTISTACK
CLEAR DOOR
IN ACTION!**



STANDARD COMPONENT MATERIALS & FINISHES

1. TORSION SPRINGS

25,000-cycle springs.

2. STRAP SPOOL

2" Nylon strap in lieu of cable.

3. OPERATOR

Side mount shown. Top and front mounts are also available.

4. GUIDE COVERS

Slip-on design with no visible fasteners, powder coated jet black (RAL 9005).

5. VINYL WEATHER SEAL

Clips onto guide channel.
ASTM E283 Air Leakage Rating.

6. MANUAL LOCK

Integrated into guide cover (1 per guide).

7. SECTIONS

Clear anodized aluminum (standard).

8. HEADER CHANNEL

For top seal contact, cable management and installation tool.

9. HEAD PLATES

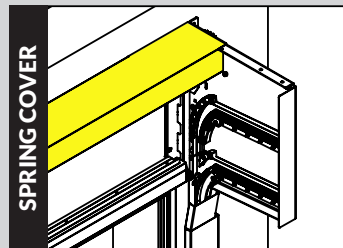
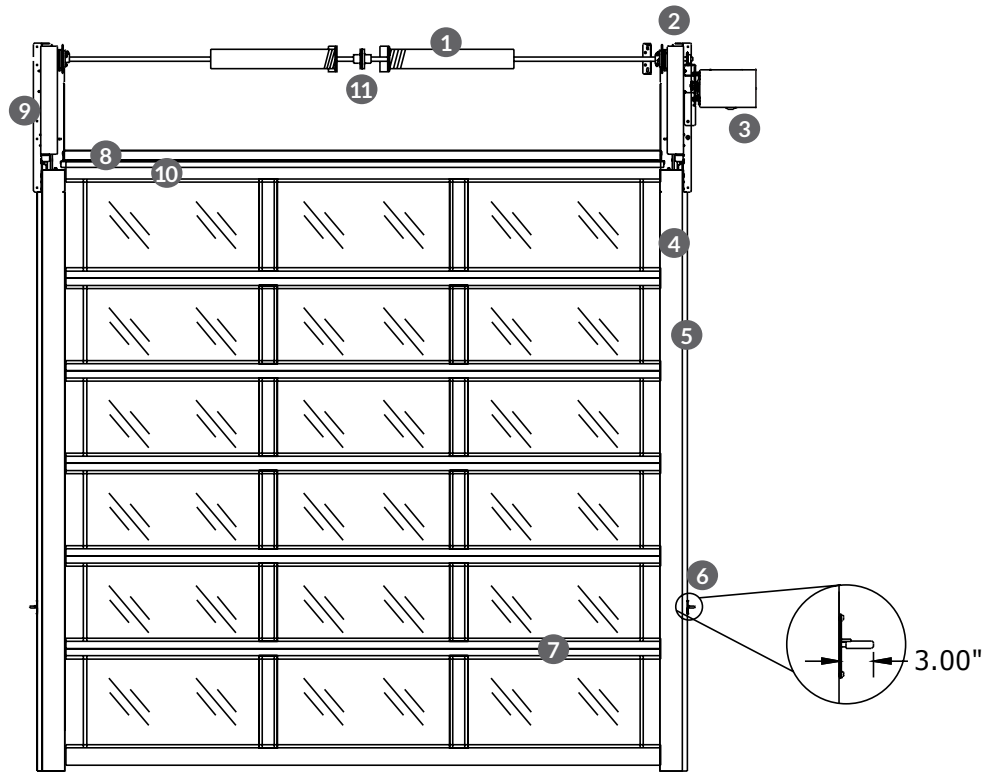
Powder coated jet black (RAL 9005).

10. TOP SEAL

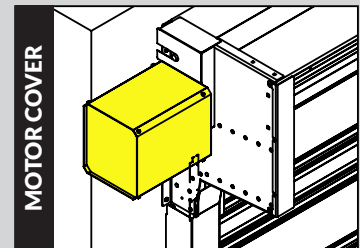
Mounts to top section.

11. SHAFT COUPLER

Available with optional spring and motor covers, these new design elements give VertiStack Clear Doors a more elegant and refined look with even more versatility.



Provides a more streamlined, design-driven look.



Conceals the operator for an appealing aesthetic.

OPERATION & STRUCTURAL REQUIREMENTS

Motor operation required. For interior mount only. The standard VertiStack Clear Door operator includes an auxiliary hand chain for emergency use only. This product is supported by a guide assembly attached to the jamb construction. Header support is required for mounting counterbalance system as would be required with any standard sectional door. Adding an optional hood to a wider door may require hood supports.

Door weight not to exceed 1,200 lbs. based on types of glazing and sizes. Consult engineering for details.





AVAILABLE OPTIONS

- A variety of glass and acrylic panels are available, including tempered, insulated, frosted, and Low-E options. Glass thickness available in 1/8", 1/4" and 1/2". Tri-wall polycarbonate thickness available in 5/8".
- Anodized finishes: clear, black, bronze, dark bronze.
- Paint finishes: chocolate, white, bronze.
- Polyurethane insulated rails and stiles (VS904UL)



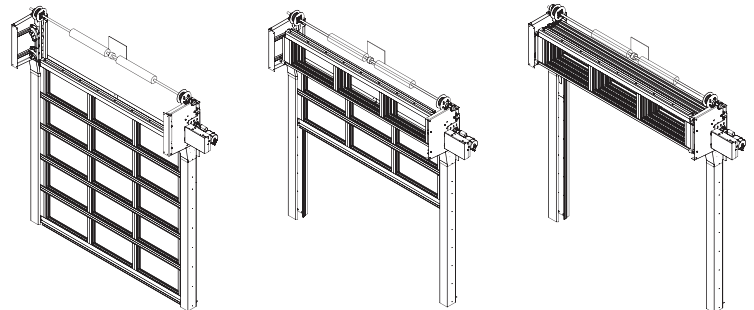
AVAILABLE SAFETY FEATURES

- Photo eye sensors (concealed by guide covers).
- Wireless sensing edge.
- UL325 Compliant Light Curtain.
- Strap brake safety system.



CERTIFICATIONS & LISTINGS

- ±25 PSF Design Pressure.
- Florida Product Approval #FL42132.
- Meets ASHRAE® 90.1 Title 24 and IECC® (International Energy Conservation Code) 2021 Section C406.9 Air Infiltration requirements with an independently tested value of 0.2 cfm/ft².
- U-Factor as low as 0.76.



CUSTOM-DESIGNED SOLUTIONS

Contact our experienced Architect Design Support Team for help in customizing our products to fit your specific application.

Visit architectdoorhelp.com today.

800.233.8366

| cornelliron.com

| **CORNELL**
Innovative door solutions