

Iso-Roll® cGMP High Speed Fabric Roll-Up Door System

Cleanseal's fabric roll-up door is designed, engineered and precision manufactured with over 20 years of experience partnering with the leading pharmaceutical companies and architects across the country. The Iso-Roll® combines a clean, attractive finish, while maintaining the smallest footprint in the industry. With a heavy-duty fabric curtain, stainless steel components, soft bottom edge technology and a simple breakaway system with automatic reset, this door sets the standard for clean environments.

Using cutting-edge technology and exacting criteria for quality, these doors have surpassed market demands and exceed cGMP, FDA and EMEA requirements. Our quest for uncompromising quality, and our steadfast commitment to meet our customers ever-changing expectations, is evident in one of the most durable, ultra-clean and "personnel friendly" roll-up door systems available in today's highly controlled clean environment marketplace.

Exceptionally Clean

FDA compliant multi-filament polyester reinforced PVC curtain requires no windbars or bottom bar. The ultra-low profile side frames are 304 (316L optional) stainless steel with #4 brushed finish. Sloped top shrouds completely enclose the curtain roll and drive assembly, reducing cleaning and maintenance. Easy wipe-down of the smooth acrylic coated curtain and small side frames make this the ultimate roll-up door for clean manufacturing environments.



Iso-Roll® cGMP Roll-Up Door

Tightest Seal

Utilizing a "soft seal" (no bottom bar) bottom edge, the curtain molds to your floor's contours with little or no gap. Combined with its unique, low profile track that continuously retains the curtain, the Iso-Roll® stops air infiltration from the ground up.

Low Profile

The Iso-Roll® requires only 3.125" of side room clearance and only 17.5" of head clearance standard with an optional 12" design available.

Automatic Curtain Reset

The Iso-Roll's simple design incorporates an automatic curtain reset feature that requires no special tools or downtime. If the curtain becomes displaced from its track, it will automatically reset on every upward cycle. The design requires NO counterweights, springs, belts, windbars, windknobs, coil cords or bottom bars.

Advanced Technology

Our standard frequency inverter, in conjunction with absolute encoder technology and micro processor controller, allows for smooth and quiet soft start/soft stop door operation. The adjustable open and close speeds, to 50"/sec., allows the user to tailor the door operation to exacting module needs. Using flexible inverter technology, the user is allowed to choose from a variety of line side voltages, including 115 VAC single phase.

Optional Manual Release

If power is lost, simply push through the curtain (from either side) at the clearly marked location near the side frame and walk through. There are no special handles to pull/push, or mechanical knowledge required. (Optional.)

Unmatched Qualifications

With over 40 years of combined experience, our professional sales consulting team will ensure your mission-critical requirements, while maintaining our uncompromising dedication to quality and value added service.

Frame and Shroud Construction

- Side frames constructed with 12 gauge, 304 #4 stainless steel with 20 gauge stainless steel covers.
- Side frames designed for maximum durability and easy wipe-down/wash-down with quick inspection.
- 16 gauge sloped shrouds completely enclose the curtain roll and drive motor.

Panel Construction

- .030 thick multi-filament PVC coated curtain material, FDA compliant.
- White or blue color curtain standard. (Other colors available upon request.)
- 28" high, full width, clear PVC vision panel.
- No windknobs or windbars required.
- Soft bottom edge - no bottom bar required.

Operator Features

- High performance, high efficiency 1 h.p. electric motor.
- Available in 120/208/230V single phase, or 460V three phase power.
- Absolute encoder controlled.
- Adjustable open and close speeds up to 50"/sec. (50"/sec. open and 25"/sec. close std.).

Performance Features

- Standard push button to open and time delay to close.
- Recessed send and receive reversing photoeye in the side frames (std.).
- Soft bottom edge with wireless electronic instant reversing edge.
- Breakaway curtain with automatic reset.

Options

- Manual release.
- Custom designed interlocking system.
- Touchless activation devices.
- Time delay close.
- Battery back-up system.
- Pre-announce to close kit (light/alarm/or combo).
- Remote mount push buttons.
- Photoeye or motion sensor activation.
- Radio control activation-single or multi-channel transmitter.

Door Sizes

- Up to 12' x 12'.
(For additional sizes - consult factory.)

Warranty

- One year limited warranty on all components.



Optional Manual Release

- Simply push through curtain.
- No special release mechanisms required.
- No counterweights or springs required.



Breakaway with Auto Reset

- Upon impact the door will automatically reset on the next upward cycle.



Wireless, Soft Bottom Edge

- The ultimate safety for personnel.
- Provides optimal sealing.
- Easy to clean.



Optional Vertical Vision Panels

- Provides increased visibility.
- Maximizes safety for personnel.