



## High Performance Doors

Designed for those with high expectations.





**Hörmann Flexon High Performance Doors**

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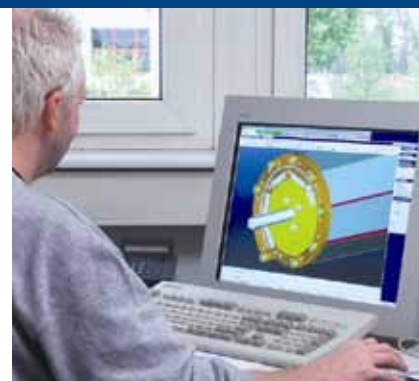
**Hörmann Flexon high performance doors are German engineered and American made.**

**A collection of carefully designed high performance doors, manufactured to meet your highest expectations.**



**Professional Advice**

You receive dependable advice, local support and installation, and experienced factory salespeople to assist you every step of the way. Make Hörmann Flexon your partner for first-class high performance doors.



**Innovation**

Our cutting-edge research and development department focuses on progressive ways to continually improve the safety and efficiency of our products, ultimately delivering the high performance doors customers want.



**5 & 2 Warranty**

Our exclusive 5 & 2 Warranty is our promise as a manufacturer that you can trust our products to be there for many years to come.



**Quality Workmanship**

Carefully designed and manufactured products, quality workmanship and great attention to detail, are what separate us from the rest and make our door systems sound investments.



Hörmann Flexon LLC, Pittsburgh, Pennsylvania, is dedicated to innovation, quality, safety and customer service. German engineered doors incorporate proven, state-of-the-art technology, at work every day with over 100,000 doors installed worldwide. Our customers can expect an impressive value for their investment.

**Voted the "best high speed doors" by door professionals nationwide.**





## Speed-Commander™ Series 1400 SE and 800 SF For Interior Doorways

The unique SoftEdge profile and self-repairing design provide a state-of-the-art door system.

### Damage Control

In case of a collision, the flexible panel breaks out of the tracks without damage so that costly repairs are avoided. Full perimeter draft seals and fast opening speeds of up to 100" per second on the Model 1400 SE and 80" per second on the Model 800 SF enhance energy savings.



### Vertical Flexibility

The vertical flexibility of the soft bottom profile minimizes damage to goods and greatly reduces the risk of injury to personnel, for peace of mind in demanding high-traffic areas. The Speed-Commander™ 1400 SE features a special SoftEdge profile which includes a panel reversing edge and photocell.



### Horizontal Stability

The horizontal stability provides a smooth door operation and supports the overall strength and appearance of the door. Speed-Commander™ doors are some of the lowest profile doors available, fitting into the most restricted applications.





Walk-away dependability increases safety and efficiency of operations and reduces maintenance costs.

Thousands installed worldwide - Progressive door technology with trusted Hörmann quality.



**SoftEdge Profile**

This SoftEdge profile (patent pending) is unique on Speed-Commander™ doors. It has been specially designed to provide you with a state-of-the-art door system offering maximum safety and protection.



**Easy Self-Repairing**

After a collision, the door stops instantly and you can feed the SoftEdge profile back into the guide tracks with just the push of a button. As a self-repairing system, this prevents downtime and service calls.



**Twin Track Rollers**

The door panel is reinforced with spring steel stiffeners featuring twin track rollers on each end. This provides whisper quiet operation and accommodates light in-plant air pressure up to 15 mph.

### Speed-Commander™ 1400 SE

#### Application / Size Range

Interior applications  
up to 14'0" wide x 16'0" high.

#### Operating Speed

Opening: Up to 100" per second.  
Closing: 30" per second.

#### Panel

Anti-static, puncture resistant, nylon-reinforced PVC material.  
Weight: 58 oz. / sq. yd.  
Tear strength: 440 lbs. / sq. ft.  
Temperature rating: -22°F to +158°F.

#### Vision

Full-width x 35" high, clear PVC, starting at approximately 52" from the floor.

#### Colors

- Zinc Yellow (RAL 1018)
- Pure Orange (RAL 2004)
- Carmine Red (RAL 3002)
- Gentian Blue (RAL 5010)
- Agate Grey (RAL 7038)

#### Guide Tracks

Standard: Heavy-duty galvanized steel with removable front covers.  
Optional: Stainless steel.

#### Direct-Drive Motor

Compact, self-monitoring direct-drive motor has a patented built-in safety brake and is maintenance free.

#### Control Box

Unique Quick Connect™ HFC1.  
See pages 20 and 21 for details.

#### Safety Devices

##### Standard

- SoftEdge bottom profile with integral electric panel reversing edge.
- One thru-beam style panel reversing photocell built into the guide tracks.

##### Optional

- Wireless panel reversing edge.
- 7'0" light curtain.



Stainless steel design withstands the demands of every day wash-down in food processing applications.



Constructed of stainless steel components: roll tube/shaft, motor cover, guide tracks, control box and all hardware.



Easy To Clean

The 100 percent stainless steel construction makes cleaning a breeze. The guide tracks are easy to clean even with high pressure cleaning processes because there are no counter weights or springs to obstruct the cleaning process. The motor is completely enclosed in a protective cover.



Integral Photocell

The panel reversing edge, often susceptible to malfunctions in wet areas, is omitted because of the light weight door panel. The thru-beam panel reversing photocell, built onto the guide tracks, along with the flexible SoftEdge PVC bottom profile, reduces injury to personnel and damage to goods.



Durable Panel

Two integral panel stiffeners located above and below the vision area provide panel stability. The durable panel material maintains its appearance in harsh wash-down areas and is available in a variety of colors to coordinate with any building color requirements.

## Speed-Commander™ 800 SF

### Application / Size Range

Interior applications  
up to 8'0" wide x 10'0" high.

### Operating Speed

Opening: Up to 80" per second.  
Closing: 30" per second.

### Panel

Constructed of stainless steel components including roll tube/shaft, door/motor cover, and all hardware. Anti-static, puncture resistant, nylon-reinforced PVC material. Weight: 58 oz. / sq. yd. Tear strength: 440 lbs. / sq. ft. Temperature rating: -22°F to +158°F.

### Vision

Full-width x 35" high, clear PVC, starting at approximately 52" from the floor.

### Colors

- Zinc Yellow (RAL 1018)
- Pure Orange (RAL 2004)
- Carmine Red (RAL 3002)
- Gentian Blue (RAL 5010)
- Agate Grey (RAL 7038)
- Pure White (RAL 9010)

### Guide Tracks

Standard: Stainless steel.

### Direct-Drive Motor

Compact, self-monitoring direct-drive motor has a patented built-in safety brake and is maintenance free.

### Control Box

Unique Quick Connect™ HFC1. See pages 21 and 22 for details.

### Safety Devices

Standard

- SoftEdge PVC bottom profile.
- One thru-beam style panel reversing photocell built into the guide tracks.



## Speed-Guardian™ 4000 U With Versatile Track Applications

A cutting-edge door system that provides maximum insulation, superior safety and ultimate speed.

### Urethane Panel Sections

The 1-5/8" thick door panel made of hot-dipped galvanized steel, provides a durable and lasting surface. A urethane core with an R-value of 12.4 provides optimal insulation, reducing loss of conditioned air and contributing to energy savings. Synthetic panel connectors provide an extremely smooth and quiet door operation, long service life and allow easy replacement of damaged panel sections.



### Safety Light Curtain

The standard light curtain is integral with the guide track making it less susceptible to damage by passing loads. This system enhances protection of personnel and goods and drastically reduces the likelihood of damage and repair to other parts of the door, saving on maintenance costs.



### Surface Finish

Speed-Guardian™ 4000 U doors come with a Micrograin™ exterior surface finish in a White Aluminum color (RAL 9006). This innovative finish features a wave profile embossed into smooth steel, producing attractive light and shadow effects.





Insulated urethane panel sections and ultimate operation speed provide excellent energy-efficiency.

Quality workmanship and proven technology - You will enjoy years of trouble-free operation.



**Insulated Window Panes**

The synthetic double panes provide good thermal insulation while being fully transparent. The Speed-Guardian™ 4000 U door is available with a complete vision panel, designed for the pleasing aesthetic appeal some applications require.



**Easy To Repair**

In case of damage, our panel connectors make it possible for individual sections to be quickly and easily replaced. This reduces maintenance, downtime and repair costs.



**Low Headroom Option**

The Speed-Guardian™ 4000 U door is very versatile. The low headroom style tracks accommodate clearances as minimal as 22".

### Speed-Guardian™ 4000 U

#### Application / Size Range

Suitable for exterior or interior applications up to 24'0" wide x 21'0" high. Full-view option available for doorways up to 20'0" wide x 14'0" high.

#### Operating Speed

Opening: Up to 120" per second.  
Closing: 18" per second.

#### Panel

1-5/8" thick x 10" high panel sections are made of hot-dipped galvanized steel with a urethane foam core and have an R-value of 12.4. Section joints with intermediate seals create a pinch resistant panel. The standard color is RAL 9006 White Aluminum on both the exterior and interior. The exterior surface comes with a Micrograin™ finish, the interior is stucco-textured.

#### Vision

Windows are 7" high acrylic, double-pane, with vertical reinforcement and black window frames. A Duratec® synthetic glazing enables the windows to retain clear view even after many cleanings and with heavy use. The optional complete vision panel has windows running the entire height of the door.

#### Guide Tracks

Guide tracks are made of hot-dipped galvanized steel and have an enclosed chain and integral light curtain. The chain requires no re-tensioning and is resistant to distension. Consult factory for an optimum solution to accommodate special installation requirements.

#### Direct-Drive Motor

Compact, self-monitoring direct-drive motor has a patented built-in safety brake and is maintenance free.

#### Control Box

Unique Quick Connect™ HFC1. See pages 20 and 21 for details.

#### Safety Devices

Standard

- 8'0" high light curtain integral with the guide tracks. Emergency opening via hand chain hoist and spring counterbalance.

Optional

- Wireless panel reversing edge.



## Speed-Master® Series 1600 and 2600 For Interior and Exterior Door Openings

**Bulldog tough components, operational simplicity and dependable performance.**

### Bulldog-Tough Panel

Patented, interlocking aluminum hinges act as integral windbars creating a sectional panel design. Sliding the panels apart without removing the entire door or roll assembly allows for inexpensive replacement, and a full-width vision area provides unobstructed viewing.



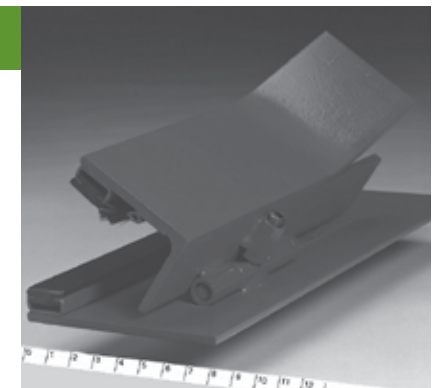
### Breakaway System

In the event of accidental impact, the Speed-Master's built-in breakaway system allows the complete panel to push out of the guide tracks, reducing damage. Since the Speed-Master® bottom bar does not support a tensioning system, it can be replaced at a lower cost than comparable products.



### Low-Profile Design

The Speed-Master® 1600 has one-piece unhinged, galvanized steel guide tracks as standard. The Model 2600 has as standard, hinged guide tracks of heavy duty, painted steel as shown at right. These low-profile tracks are impact resistant and fit into most applications.





Next generation - The best of the original Speed-Master® Series advanced to the next level of competitiveness.

Updated high performance door technology combined with trusted Hörmann quality.



**Hazardous Environment**

In hazardous environment applications requiring either NEMA 7 (dust) or NEMA 9 (vapor) motors and controls, special design Speed-Master® doors may be supplied with explosion-proof components to meet the necessary safety codes.



**Summer / Winter Panel**

The summer / winter panel is an option when insect control is desired without compromising ventilation and traffic flow. Our Screen-Master® mesh material can be interchanged with the solid Bulldog XT panels during warmer months and vice versa during cooler times of the year.



**Stainless Steel Options**

For USDA controlled applications, a Speed-Master® door may be supplied with stainless steel guide tracks, severe-duty motor / gearbox, hardware and NEMA 4X components. Consult the factory for applications below +40 degrees Fahrenheit.

### Speed-Master® 1600 and 2600

**Application / Size Range**  
Exterior or Interior applications.  
Model 1600:  
Up to 14'0" wide x 16'0" high.  
Model 2600:  
Up to 20'0" wide x 24'0" high.

**Operating Speed**  
Model 1600:  
Up to 60" per second up and 30" per second down.  
Model 2600:  
Up to 36" per second up and 30" per second down.

**Panel**  
Patented, sectional panel design, made of ultra tough, reinforced, puncture resistant 1/8" thick Bulldog XT material, 90 oz. / sq. yd. Panels are connected with heavy duty aluminum hinge profiles.

**Vision**  
Two, full-width vision areas made of high quality PVC are standard. Consult factory for additional vision areas.

**Colors**

- Black
- Blue
- Orange
- Grey

**Guide Tracks**  
Model 1600:  
One-piece, unhinged, 5" wide, galvanized steel. Optional: Hinged guide tracks of painted steel.  
Model 2600:  
Hinged, 8" wide, heavy-duty painted steel.

**Direct-Drive Motor**  
Compact, self-monitoring direct-drive motor has a patented built-in safety brake and is maintenance free.

**Control Box**  
Unique Quick Connect™ HFC1. See pages 21 and 22 for details.

**Safety Devices**  
Standard

- Aluminum bottom profile with integral electric panel reversing edge.
- Two thru-beam style panel reversing photocells.

Optional

- Wireless panel reversing edge.
- 7'0" light curtain.



### Quick Connect™ HFC1 Safety Accessories



**Light Curtain**  
Continuous light beams shine across the door opening, from the floor up to 7'0" high, providing added safety for personnel and goods.



**Motion / Presence Detector**  
The model HF-M detects only motion. The model HF-P detects only presence, and the model HF-MP detects both motion and presence.



**Flashing Light**  
The orange light flashes on/off when the door is in operation. The lightweight plastic construction makes installation simple.



**Red / Green Warning Light**  
This highly visible warning light has a lightweight plastic housing and turns green for 'go' and red for 'stop.'



**Beacon Light**  
The plastic housing contains a yellow beacon light which lights up and rotates indicating that the door is opening or closing.



**Horn**  
A horn may be used alone or with a light accessory as an additional indicator that the door is opening / closing.

Ask about special application of activations such as dual height capability and many others. Photos are representative of current designs and are subject to change.

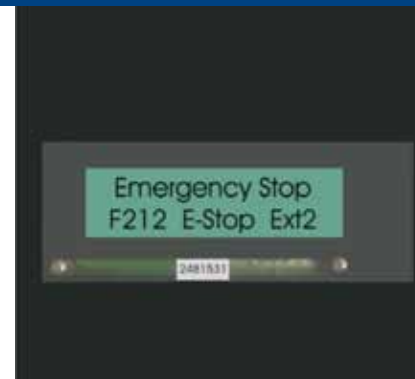
## Hörmann Flexon Quick Connect™ HFC1 The easiest and most convenient way to power up doors.

## Activation Options and Safety Accessories.



**Reduce Installation Time**

Electrical cables are pre-wired for quick and easy installation. NEMA 4 rated enclosure with standard power requirement of 460v/230v/3 phase/60HZ accommodates a wide variety of applications and the control's compact dimensions accommodate areas with limited space.



**Minimize Downtime**

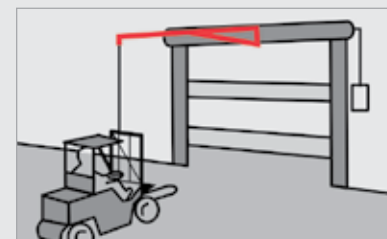
A self-diagnostic LCD display quickly identifies the type of malfunction, and user-friendly diagnostics reduce downtime. A 24/7 watchdog system provides protection from power surges that could damage the system. Its soft start and soft stop minimizes wear to provide a long service life.



**Dependable and Proven**

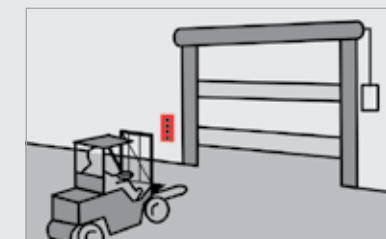
Fourth generation German technology, proven worldwide, provides the product sustainability and durability you are looking for. The HFC1 control box is UL-approved and comes with our solid product warranty and promise as a manufacturer that you can trust our products to be there for many years to come.

### Quick Connect™ HFC1 Activations



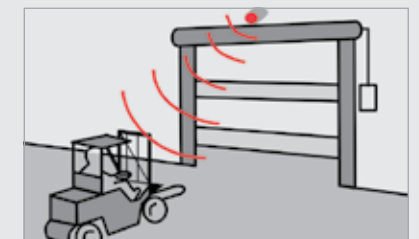
**Pull Cord**

- Nylon cord lanyard & raintight housing.
- NEMA 4 rated and suitable for heavy duty use.



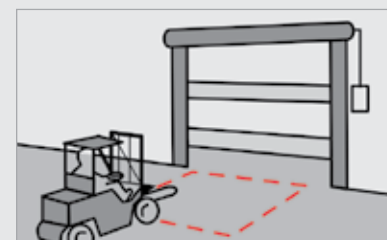
**Push Button**

- Single, double or triple button.
- NEMA 4 rated.



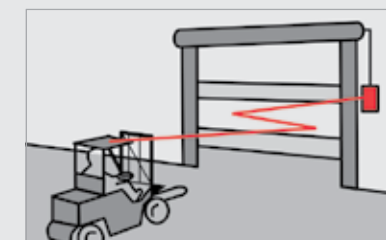
**Radar / Motion Detector**

- Activates when equipment or personnel enter the detection area.
- Weather-resistant enclosure.



**Induction Loop Detector**

- A loop wire field is installed below the floor's surface and generates a magnetic field sensitive to metal objects.



**Remote Control**

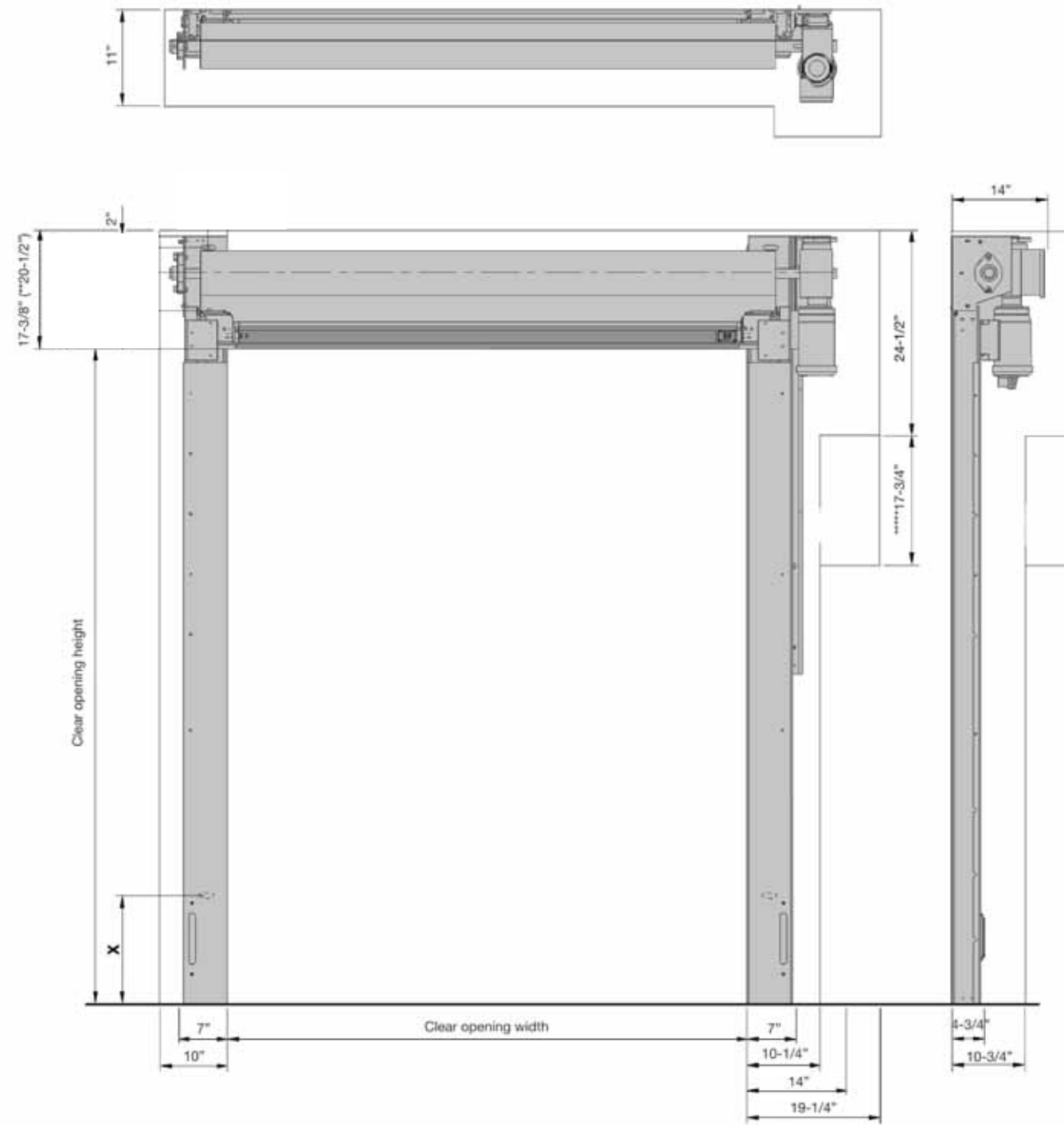
- Effective at a range of up to 60 feet.
- Transmitters are available to activate up to 27 doors with one transmitter.



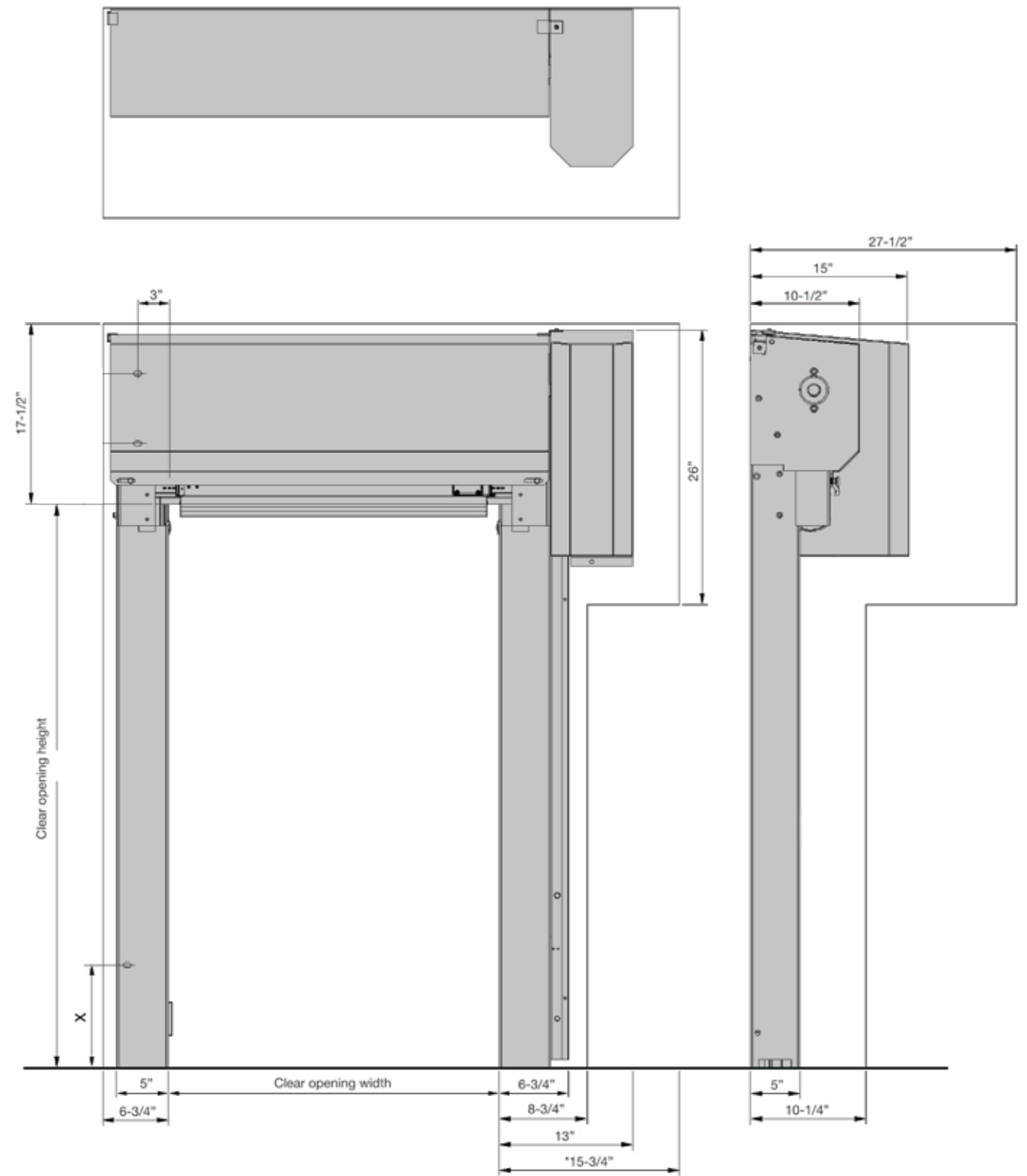
**Photocell**

- Activated when traffic interrupts a light beam spread across a path to the doorway.

Detail Drawing Speed-Commander™ 1400 SE

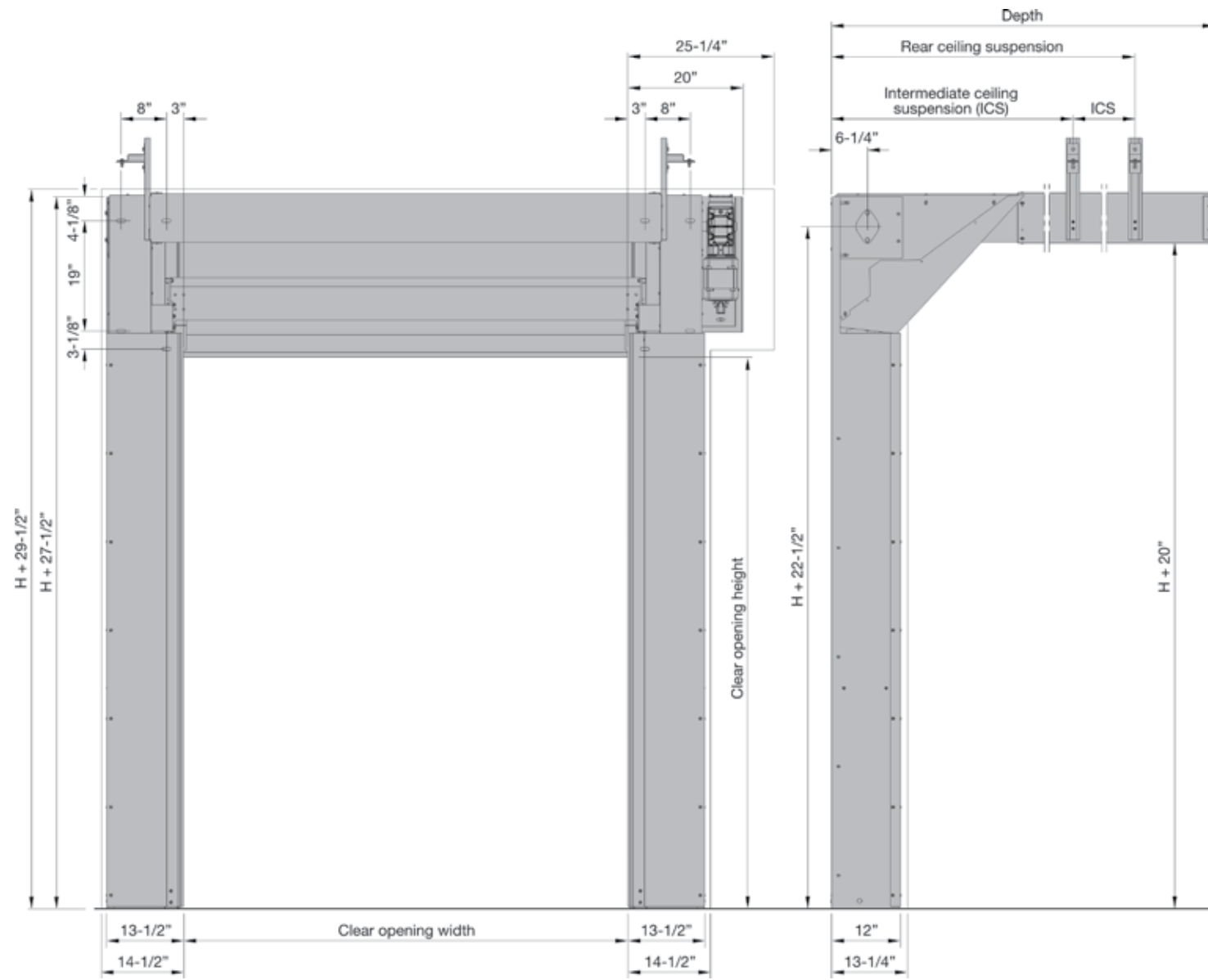


Detail Drawing Speed-Commander™ 800 SF

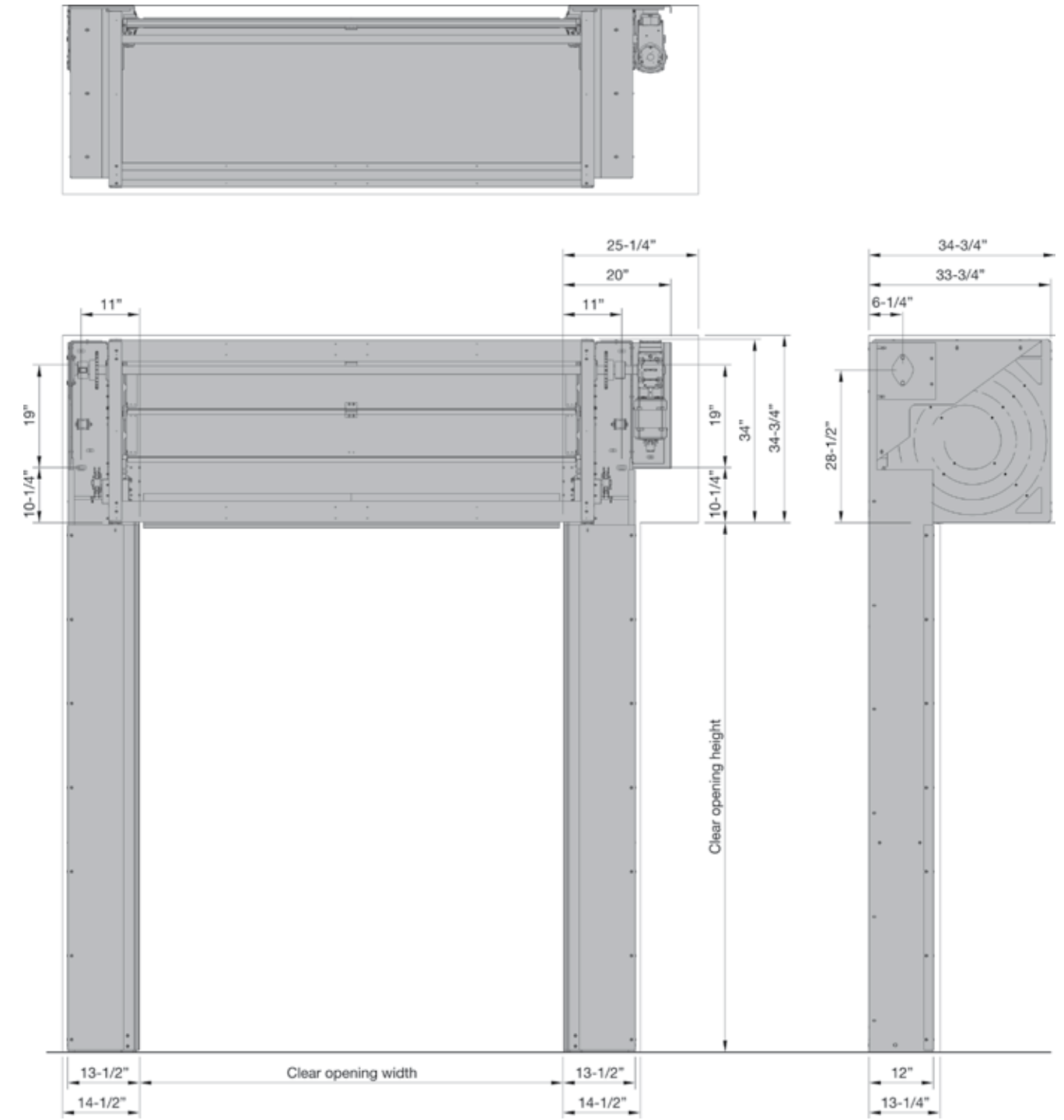


Consult factory for drawings of doors with hoods.

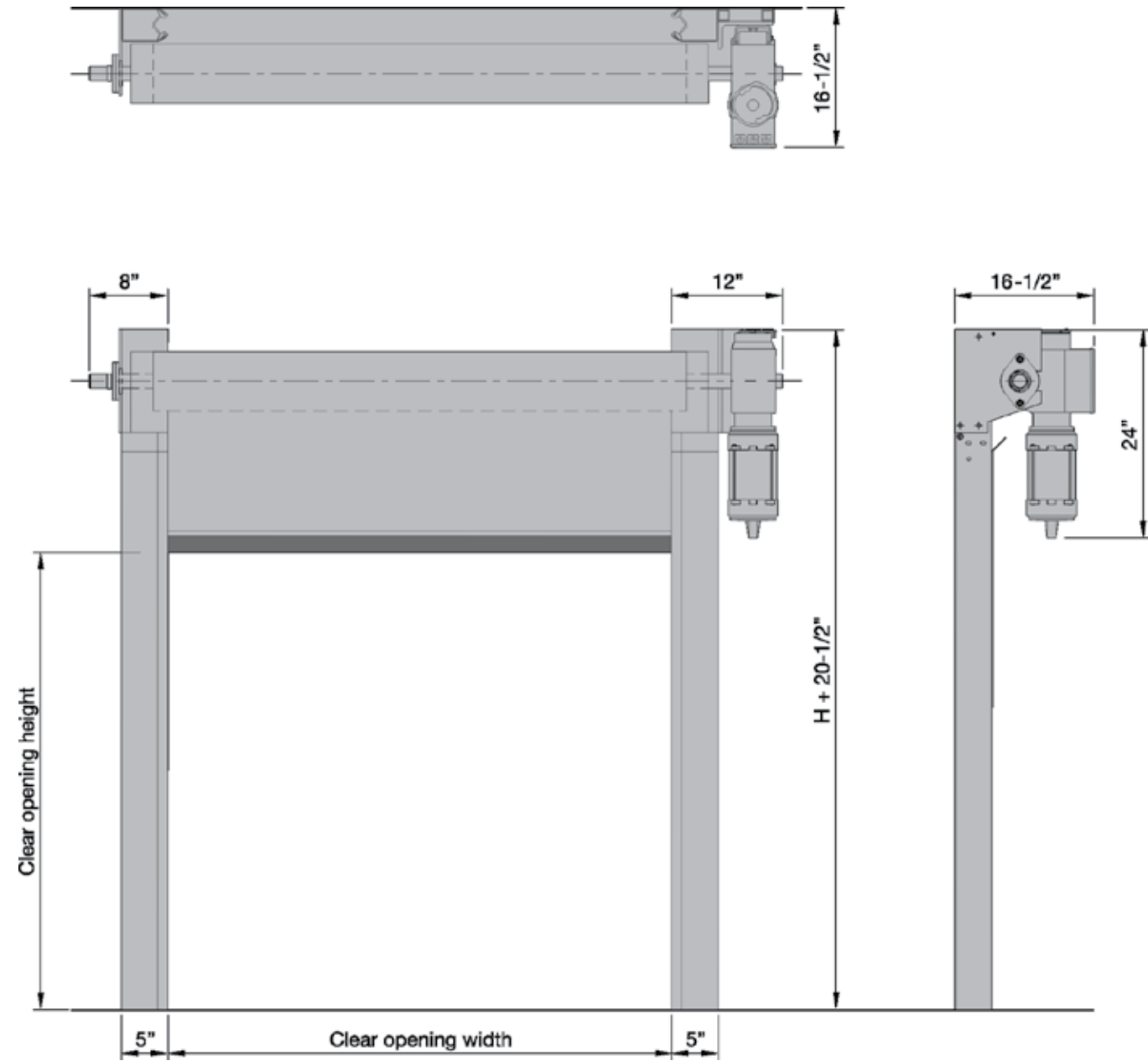
Detail Drawing Speed-Guardian™ 4000 U



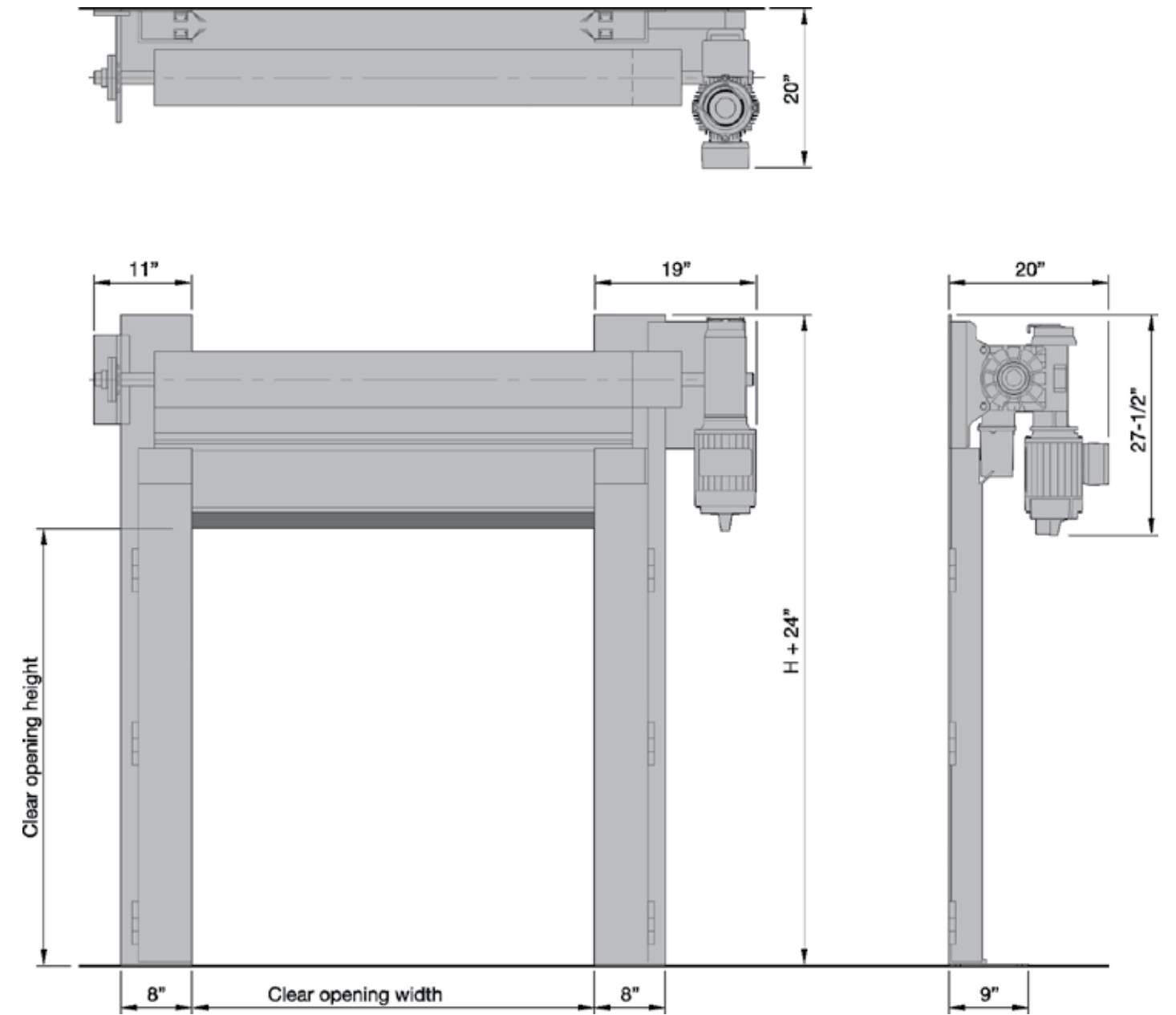
Detail Drawing Speed-Guardian™ 4000 U Optional



Detail Drawing Speed-Master™ 1600



Detail Drawing Speed-Master™ 2600



Everything you've wanted in a high performance door, and more.



## German Engineered, American Made

### Our promise to you.

As one of the world's leading manufacturers of doors, we're committed to providing the best quality, value, and selection. Whether, industrial or commercial, a high performance door or loading dock equipment,

we have the door or dock product you're looking for. The Hörmann Flexon product line gives you the ability to accommodate any door or dock application with the right product from one manufacturer.



Screen-Master® Insect Control Barriers



Flexidoor® Impact Doors



Loading Dock Equipment

High Performance Doors and Dock Equipment



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