Flexible door curtain
Flexible curtain with no rigid parts and soft bottom door edge helps to ensure safety for personnel and equipment.

Self-resetting
Door curtain is accident forgiving and can self-reset after an accidental impact.

Fast opening and closing speeds
Fast speeds improve operation and traffic flow while limiting air infiltration and reducing energy costs.

Tight seals
Weather tight seals around full door perimeter reduce energy loss and keep out dust, dirt and humidity.

Flexible door curtain
Flexible curtain with no rigid parts and soft bottom door edge helps to ensure safety for personnel and equipment.
ASSA ABLOY HS8010P & ASSA ABLOY HS8020P high-speed doors are designed for exterior and interior openings in medium-sized heavy-duty operations. The ASSA ABLOY HS series doors feature a flexible door curtain for maximum safety, tight seals for protection against humidity, dust and dirt, fast speeds for improved traffic flow, and a unique direct drive system for smooth, consistent operation.

**Safe and efficient operation**
The ASSA ABLOY HS8010P & ASSA ABLOY HS8020P high-speed doors provide superior protection and improved efficiency for personnel and equipment. The flexible door curtain is designed without rigid components and features a soft bottom edge that yields when contacted, eliminating damage to products and protecting workers from injury. Fast openings speeds of up to 96" per second also ensure efficient operations in high traffic environments.

**Superior sealing and wind resistance**
When closed, the ASSA ABLOY HS8010P & ASSA ABLOY HS8020P seal tightly, maintaining interior temperatures, minimizing energy loss and keeping out dust, dirt and humidity. The patented, UHMW plastic side guides firmly grip the innovative zipper component that runs along the edge of the door panel, preventing air leakage and maintaining pleasant indoor conditions.

The ASSA ABLOY HS8020P is designed to withstand wind loads of up to class 5 (EN12424) with reinforced side guides for advanced durability. The unique direct drive system also ensures continuous operation and securely closes the door in high wind loads.

**Accident forgiveness**
When a door faces demanding conditions, accidental collisions are almost inevitable. The ASSA ABLOY HS8010P & ASSA ABLOY HS8020P have been designed to withstand accidental impact and can be easily reset for continued operation. When hit, the door curtain break away with no damage or incident and resets automatically into the side guides. This reliable resetting feature eliminates downtime, keeping people and business moving.

**Key advantages**
- Energy and cost savings
- User safety
- Low total cost of ownership
- Increased operational efficiency
- No operational down time
- Regulatory compliance
- Use in extreme environments
Technical information

### Door dimensions
- **Max Width**: 216 inches (5486 mm)
- **Max Height**: 216 inches (5486 mm)
- **Min Width**: 36 inches (915 mm)
- **Min Height**: 84 inches (2134 mm)

### Speeds
- **Operating speed**: Up to 96 in/sec

### Wind resistance
- **Static wind load**: ASSA ABLOY HS8010P - up to 95 mph
- **ASSA ABLOY HS8020P** - up to 110 mph
- **Static pressure load**: ASSA ABLOY HS8010P - up to 23 psf
- **ASSA ABLOY HS8020P** - up to 32 psf

### Door panel
- **PVC fabric panel**: Blue 27 oz/yd2 PVC curtain standard.
- **Vision section**: Optional, 15” or 31” tall full width clear vision section
- **Windows**: Optional, 24” x 24” clear windows

### Side column
The side columns are part of the frame that also contains the header box. This frame is made of 3 mm thick galvanized steel tubes. The side columns are connected directly to the wall.

1. Low-friction polyethylene side guide inside a steel rail
2. Galvanized steel structure, U-channel 80 mm x 40 mm x 3 mm
3. Flexible rubber seal
4. Tension spring
5. Wind reinforcement

### Wind resistance
A wind reinforcement is installed around the side guide to increase the wind load resistance and prevent the curtain from being pulled out of the side guides. The ASSA ABLOY HS8020P is designed for very high wind loads with flexible, spring-installed side guides.

### Safety features
- **Photo eye**: Standard through-beam photo eye
- **Wireless safety system**: No coil cord

### Door components
- **Side frames**: Galvanized steel structural channel side guides
- **Inner side guides in Polyethylene (PE-UHMS 1000)**
- **Soft bottom edge**: No rigid components. Includes wireless reversing sensor
- **Manual egress**: Hand crank

### Control and drive system
- **ACS100**: Standard, variable frequency drive with soft start / soft stop and encoder
- **Input voltage**: 208V, 230V, 460V, 575V
- **Motor**: 2.0-Hp, 3 phase, 50/60 Hz
- **Protection**: NEMA 4, UL/cUL listed

### Warranty terms
- **One year parts & labor**

### Fabric roll
The fabric roll is installed in the header box above the door curtain with a gear drive system that guides the door curtain up and down the tracks.

### Header cover
An optional header box cover is available to enclose the fabric roll and/or the operator. Also the side columns can be equipped with covers.

### Available curtain colors
- **Signal yellow**: RAL 1003
- **Pure orange**: RAL 2004
- **Flame red**: RAL 3000
- **Ultramarine blue**: RAL 5002
- **Moss green**: RAL 6005
- **Light grey**: RAL 7035
- **Chocolate brown**: RAL 8017
- **Jet black**: RAL 9005
- **White**: RAL 9010
- **Other colors**

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**Available curtain colors**

ASSA ABLOY HS8010P  
ASSA ABLOY HS8020P
ASSA ABLOY Entrance Systems is a leading supplier of entrance automation solutions for efficient flow of goods and people. Building on the long-term success of the Besam, Albany and Megadoor brands, we offer our solutions under the ASSA ABLOY brand. Our products and services are dedicated to satisfying end-user needs for safe, secure, convenient and sustainable operations. ASSA ABLOY Entrance Systems is a division within ASSA ABLOY.