

Vertical Lifting Fabric Door

Crawford VL3110FCS

ASSA ABLOY

ASSA ABLOY Entrance Systems

The global leader in
door opening solutions



“As rugged as it is fast, it’s the best of both worlds.”

High-speed operation

The Crawford VL3110FCS Vertical Lifting Fabric Door delivers rapid performance in tough industrial environments. It’s an ideal choice for speed, but also for protection against wind, moisture and more.

- Durable vertical lifting fabric construction
- Frequency control for fast operation with soft starts/stops
- Opening speeds up to 1.5 m/s
- Tight sealing and high IP rating
- Tolerance of high wind loads
- Excellent insulation and temperature resistance
- Safety arrestors to prevent free fall
- Wind lock system, which locks the door when it is closed
- Aesthetic and customizable appearance
- High operating reliability and low maintenance costs



Fast opening and closing

With its vertical lifting fabric construction, the Crawford VL3110FCS isn’t like other heavy-duty industrial doors. Above all, the difference can be seen in its operating speed: up to 1.5 m/s to open and up to 0.35 m/s to close. This is made possible by using a frequency inverter.

The quick opening and closing of the Crawford VL3110FCS minimizes passage time and improves traffic flow. But more than this, it improves the working environment at the same as it reduces the loss of energy, along with the intrusion of drafts, humidity and dirt.



Long-lasting construction

As well as enabling higher speeds, the frequency control of the Crawford VL3110FCS allows smooth operation with soft starts and stops. This prolongs door lifetime by reducing wear on the motor.

Two sheets of strong polyester fabric are supported by horizontal, extruded aluminum sections, which are fitted to the fabric with aluminum clamp strips. The horizontal aluminum sections transfer the wind load to the vertical aluminum side guides, which are attached to the building structure.

As for the rest of the door, the Crawford VL3110FCS is built for hard knocks. Since the vertical lifting fabric construction has no hinges, springs cables or couplings, it withstands minor collisions without any damage. Simple and robust, it promises a long and worry-free lifetime with a low cost of ownership.



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Tight sealing in all conditions

Though the Crawford VL3110FCS has the same space-saving advantages as traditional high-speed doors, it offers much better protection against the elements. Not only does it have two-layers of fabric, it also creates a tight seal that resists dust and humidity.

Yet another thing the door withstands is wind, thanks to an interior construction with wind beams and a unique wind lock system. Once closed, it stays closed even in high winds, keeping drafts and moisture out – but energy in.



Energy-saving

Thanks to the insulating door leaf, with double fabrics, Crawford VL3110FCS can withstand temperatures between -35°C to +70°C. This means that the door keep out cold/hot air, which improves the working environment and saves energy. Available in eight colors, the fabrics include a translucent version that provides ambient light indoors which reduces carbon footprint by curbing the need for artificial light.

Other fabric options include sound-reduction fabric and a security fabric containing galvanized steel wires.



Simplicity from start to finish

The Crawford VL3110FCS provides many opportunities for customization: from optional radio, radar, induction loops and photocells to the ability to print your logo on the door leaf. But with few moving parts and only a small number of cables, it’s quick and cost-effective to install. The same straightforward construction means true ease of maintenance – and low service costs in the long run.



Support and consultation

We have the dedication, experience and knowledge to give you the best possible support wherever your entrances are concerned, from the drawing board to budgeting and maintenance programs for the whole construction.

Maintenance & Modernization

For the best possible convenience, energy savings and product lifetime, we recommend regular maintenance. With maintenance programs, service-friendly design and professional service technicians from ASSA ABLOY Entrance Systems, performing maintenance has never been easier or more effective.



ASSA ABLOY Entrance Systems is a leading supplier of entrance automation solutions for efficient flow of goods and people. With our globally recognized product brands Besam, Crawford, Megadoor and Albany, we offer products and services dedicated to satisfying end-user needs for safe, secure, convenient and sustainable operations.
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