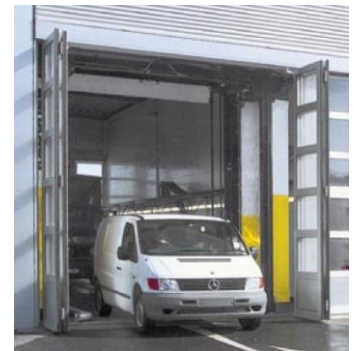


Delta Secure 3000 High Speed Bi Parting Door

Product Data Sheet
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Product Description

This Model AFA Aluminium High Speed Folding Door is mainly used as an exterior door for factory and warehouse buildings up to a maximum size of 5000mm wide x 4000mm high. As with all Enerco products the AFA door offers absolute reliability in every area. Patented design characteristics such as a modular design, and cardan joint technology are just two of the features that are typical of the innovative detailed door design. It is quite common for AS doors to perform over 150,000 door cycles a year. The AFA High Speed Folding Door protects from noise and drafts, offers excellent heat and noise insulation and reduces energy costs significantly, by opening and closing rapidly. In addition to this, numerous options can be added to the Model AFA door in order to meet any architectural requirements to new and existing buildings.



Product Advantages



- Fast Opening and closing speeds with bi-parting action eliminating damage by vehicles to the bottom of the door.
- Security door with internal locking device
- Virtually maintenance free due to minimal wearing parts
- High visibility for safety and the benefit of natural light to improve the working environment.
- The Model AFA is supplied with an electric drive.
- Significant speed advantage over vertically operated doors due to bi-parting action.
- Easy emergency opening in the event of a power failure
- Seals from top to bottom, with no bottom track.
- Available in more than 200 colours.
- Opening Speeds of 1.0m/s.

- Integral personnel doors can be incorporated.
- Minimal space required.

Applications

- To minimise energy losses by automatically opening and closing, quickly and safely.
- Minimise draughts and maintain constant temperatures
- As an external door where goods are despatched and received on a regular basis.
- As a partition between factory areas.
- In busy traffic doorways.
- Improves the working environment.
- Enhances aesthetic appearance.



Door Design

The Model AFA door is of a high quality modular design, the benefit of this process is that the doors will require little maintenance. The design also incorporates cardan joint technology, this tried and tested technology ensures that the head assembly takes the door weight. The interior and exterior panels are hinged with cardan joints to avoid possible tension. In addition to this, the load of the head assembly will remain constant throughout the doors cycle ensuring smooth and trouble free operation for many years to come.

The Model AFA door is extremely adaptable, surfaces, panel sections, panel details, colours, cut-outs, insulation and many more options can be individually adapted to meet the customer requirements and any architectural needs.



Door Drive Mechanism and Control Panel

The door is powered by an Electric power transmission, which activates pivot arms in the head assembly giving opening speeds of 1.0M/sec. Power to the .75kw motor is supplied by the frequency inverter control panel requiring a single phase 240V power supply. The inverter offers smooth operation for prolonged life of the moving components.

Safety Features

- Door light grid (optional).
- Photocell protection.
- Electric safety edge.
- Emergency opening lever

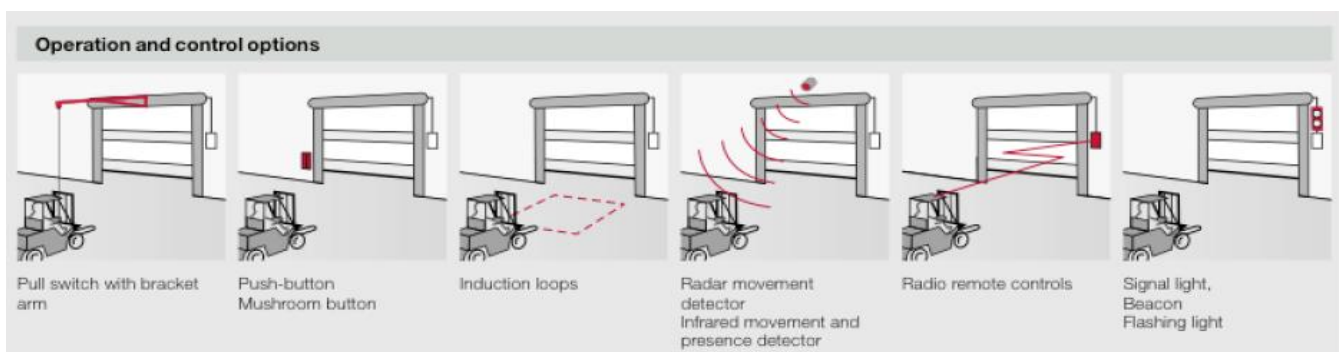
All safety features are self-diagnostic and fail-safe.

Remote Controls

The door can be supplied with additional remote controls. These fall into two categories, activation and safety. When wired to activate will open the door from its closed position, stop the door from closing when open and stop / reverse the door when closing.

When wired to safety the features are the same as to activate however the door will not open when closed.

Remote controls include induction loops, photocells, radar, push buttons / pull switch operation or radio / infrared controls.



We reserve the right to change the specification without prior notification or alteration of the product data sheet.