



Fen-Bay Services
THE LOADING BAY AND INDUSTRIAL DOOR SPECIALISTS

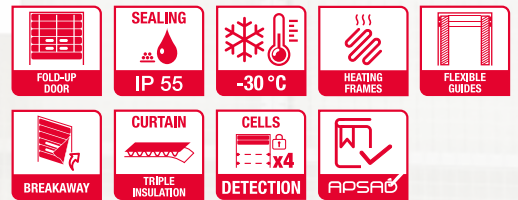
MAVICOLD®



The folding high-speed door for freezer and cold room applications

- MAVICOLD® is an essential link in cold logistics platforms.
- The triple insulated curtain keeps the temperature constant and controls refrigerant losses and energy expenditure in cold rooms.
- The flexible guides (TRAFICONTROL®) allow the door an optimal tightness as well as breakaway in case of impact.
- Equipped with a heating plates system in the frames and a motor with special Cold oil, MAVICOLD® operates at negative temperatures up to -30°C.

A door according to your needs:



An ideal door for:



Technical specifications

Clear opening dimensions

- Maximum - Standard version (w) 4000mm x (h) 4500mm

Frame

- Self-supporting frame without welding
- Anti-corrosion material: galvanized steel with epoxy polyester powder coating
- TRAFICONTROL® flexible guides
- Heating frames (negative cold)

Option

- Stainless steel 304L or 316L

Curtain

- Fire resistance D
- 100% polyester weft, PVC coated and prestressed
- Anti-UV and anti-mould treatment
- Shape memory composite tubes
- Triple insulated curtain with thermal insulation
- SECURISANGLE® curtain fall protection system

Option

- Fire resistance C

Functioning

- Opening speed: 1m/s and closing speed: 0.5m/s

"A la carte" security

- System 4 photocells

Motorization

- Motor bi-speed and reducer in conical couple
- Power: 1.1/0.75kW
- Stainless steel brake IP55 anti-corrosion
- Mounting on silentblocks
- Special oil for very cold temperature
- Motor in direct drive on the winding shaft
- Transmission shaft mounted on self-aligning ball bearing

Control box

- IP65 remote ABS control box, for wet areas
- MAVIFLEX electronic card with LCD display and control LEDs
- 30mA differential circuit breaker for protection on the 230V power supply of the heating cables
- Special low temperature cables
- Cycle counter

Option

- Remote polyester control box IP66

Opening controls

- **Manual:** remote control, pull switch, push button...
- **Automatic:** magnetic loop, cells, radar...

Lifting option

- Ratchet wrench at motor output

Electrical supply

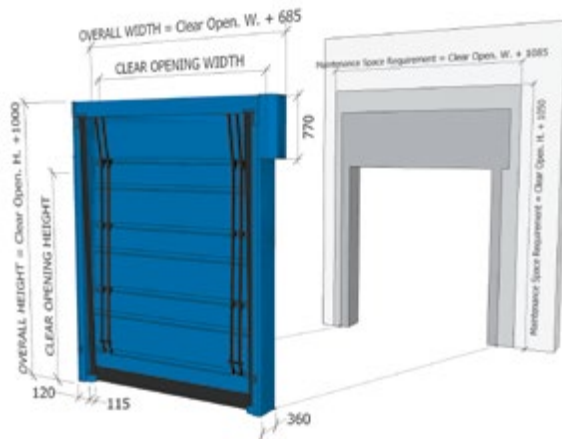


Technical dimensions

Control box

- **Control box power cable:** 5G2.5 square 3 phases + ground + neutral
- **Electrical supply:** 400V 3-Phases + ground + neutral
- **Head circuit breaker:** 16A curve D
- **Dimensions:** (h) 500 x (w) 400+52 x (d) 200 mm

Dimensions and specifications are subject to change without notice.



Curtain option



Colours

Standard RAL for frame and curtain (Fire resistance D)



Other colours on demand.

Subject to supplier stocks. RAL colours may vary.