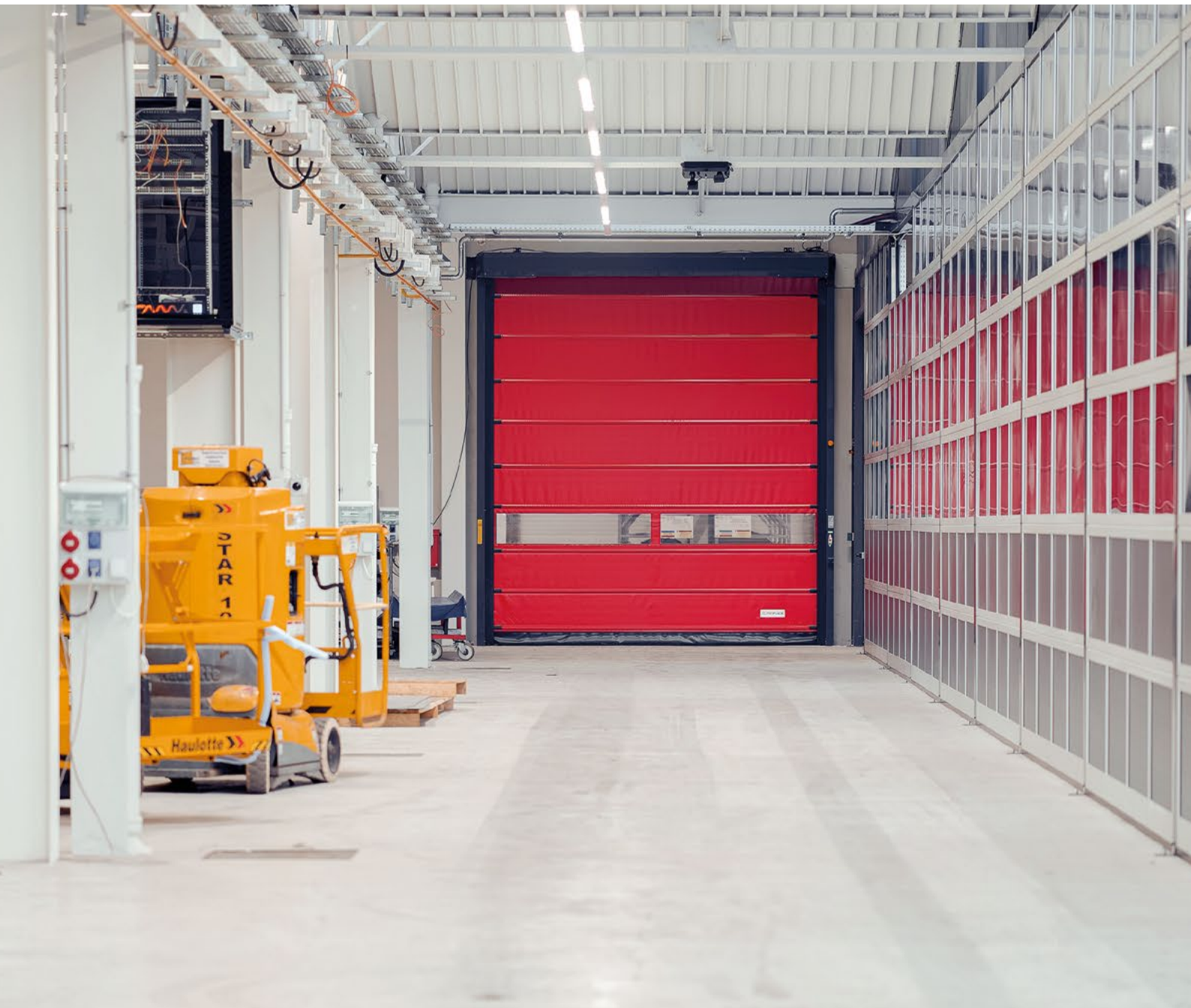




HIGH-SPEED
DOORS

MAViROLL®



A door to suit your needs

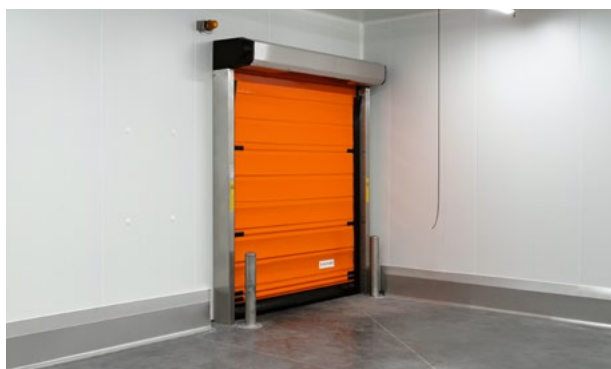


An ideal door for



The fast, flexible roll-up door for complex environments

- MAVIROLL is fully modular and comes in a range of versions: stainless steel structure, triple-insulated curtain, emergency exit, etc.
- A host of features, including a front-mounted control screen, the SAFETIME® system and belt drive ensure reliability and safety for optimum use.
- The M230 card fitted as standard with a frequency inverter, electronic brake control and electronic limit switch, offers a unique user experience. The integrated USB port makes it easy to maintain the system.
- The semi-rigid guide rails, combined with the curtain fitted with deformable, shape-memory composite tubes, prevent the door from malfunctioning following an impact.



OUTSIDE

Version



Classe 3 wind resistance

- Reduced door dimensions
- Widths up to 3000mm



100% STAINLESS STEEL

Version



Recommended solution for agro-food applications

- Self-supporting structure: no constraints on the mechanical stability of the insulated panels
- APSAD-DI4 compliance
- 304L or 316L stainless steel structure
- Washing without dismantling parts and without risk of water retention

FOCUS



Anti-fall safety system thanks to the brake on the side opposite the motor*



SAFETIME® system for double safety and instant curtain lifting*



Built-in control box with front digital display

*M230 card version

INSULATED

Version



Ideal solution for **areas with thermal and/or acoustic insulation requirements**

- Triple-insulated curtain: multi-layer compound
- Thermal insulation: thermal transmission coefficient $U=2.7W/m^2.K$
- Acoustic insulation: noise reduction of 16 dBA (single skin) and 19 dBA (insulated)
- Waterproof thanks to the lateral flaps and flexible closing edge
- Minimal space required

EMERGENCY EXIT

Version



Solution for **emergency exit access**

- Automatic lifting by inverter
- Positive safety sensor
- Quick and easy opening in an emergency or panic situation
- Compulsory maintenance contract ART.CO48



Favourable opinion from the Safety Commission on 2010/01/07

ATEX ROLLATEX

Version



Dedicated solution for **EXplosive ATmospheres (ATEX)**

- Integrated motor
- RAL 9005 antistatic fabric
- Certification by the INERIS state laboratory: 10ATEX3023X examination certificate
- Proven technologies for ATEX zones
- Feasibility study on a case-by-case basis

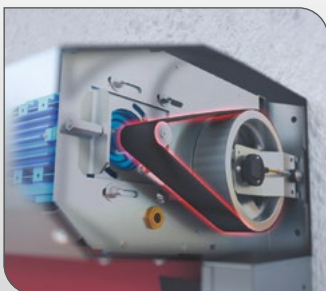
IP66 WATERPROOF

Intagrated control box



Worldwide exclusivity for MAVIFLEX **to be discovered now**

- Water resistance and moist environments
- Resistance to shocks and aggressive environments
- Certified by CETIM
- Integrated in the left upright
- No visible cable between the control box and motor
- APSAD-D14 compliance



Belt drive for greater reliability, energy savings and simpler maintenance



Inverted covers for opening inside of the the opening passage and easy access to the integrated control box



Electronic limit switch for simplified, optimised adjustment from ground level

Technical specifications

Clear dimensions

- Maximum - Standard version up to (w) 4,000 x (h) 4,500 mm

Structure

- Self-supporting structure
- Corrosion-resistant material: galvanised steel with polyester epoxy powder coating
- Semi-rigid polyethylene guides
- Automatic canvas reinsertion in case of ejection
- Inverted covers, positioned inside of the uprights, for easy access to the control box and easy maintenance

Option

- 304L or 316L stainless steel version

Curtain

- C fire resistance
- 100% PVC-coated polyester weft
- Anti-UV and anti-mould treatment
- Shape memory composite tubes

Options

- Row(s) of oblongs or vision panel
- MAVISION customisation® with logo, image or text
- Triple-insulated* curtain with UF 2.7 thermal insulation
- A2/B fire resistance

Operation

- Opening speed: up to 2 m/s and closing speed: 0.5 m/s

Motorisation

- Integrated motor in the transom
- Belt drive
- Electronic limit switch adjustment
- IP55 anti-corrosion stainless steel brake controlled by the electronic card
- Transmission shaft mounted on self-aligning ball bearings

Safety

- SAFETIME® double safety system: detection system with 3 sensors, combined with automatic control of closing time

Control box

- IP40 integrated control box
- Cycle counter

Options

- IP65 integrated control box, for wet areas
- IP65 remote ABS control box, for wet areas
- PLC control

M230 card

- Reprogrammable, scalable and customisable card
- Door management programme
- Integrated frequency inverter
- USB flash drive port for optimised maintenance

Option

- T400* card * Chain drive operation

Opening devices

- Manual: remote control, pull cords switch, push button, etc.
- Automatic: induction loop, cells, radar, etc.

Lifting options

- Hand Crank at brake output
- Automatic by inverter**
- Automatic by inverter for Emergency Exit ** ** M230 version only

Electrical supply

- Standard
- Optionnal



Technical dimensions

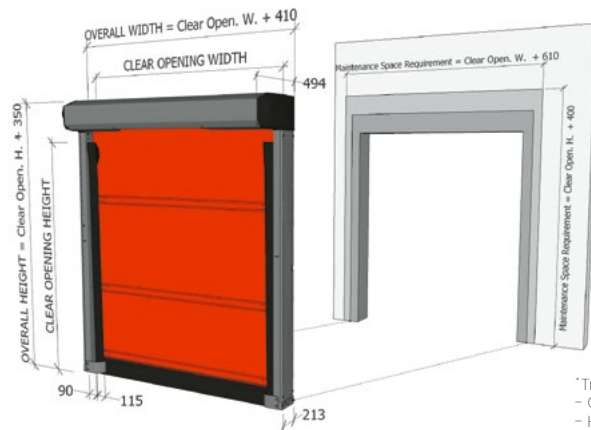
Control box (M230):

- Control box power cable: 3G2.5² (minimum) 1 phase + ground + neutral
- Electrical supply: 230V single-phase
- Head circuit breaker: 16A curve C

Three-phase option (T400):

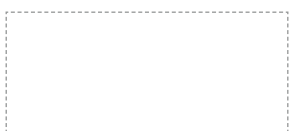
- Control box power cable: 4G2.5² (minimum) 3 phases + ground
- Electrical supply: 400V three-phase
- Head circuit breaker: 16A curve C

Dimensions and specifications are subject to change without notice.



*Triple-insulated curtain version :
 - Overall height: HU + 450 mm
 - Head-room: HU + 500 mm

Curtain options

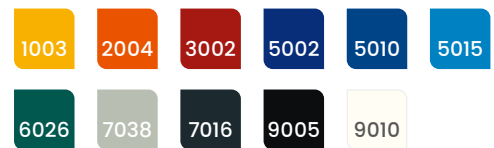


Vision panel (600 mm)



Colours

Standard RAL for structure and curtain



Other colours available on request
 Subject to supplier stocks. RAL colours may vary.