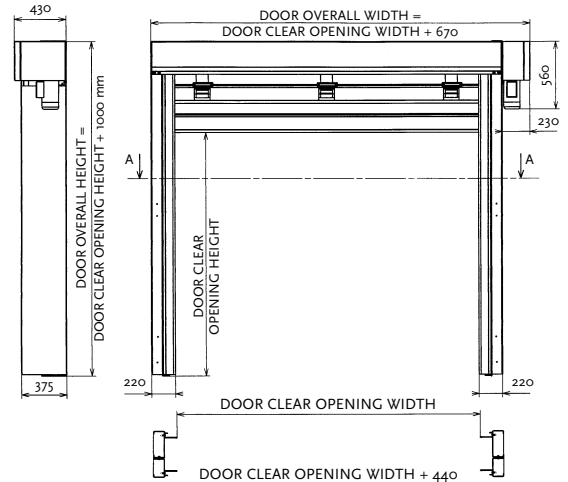
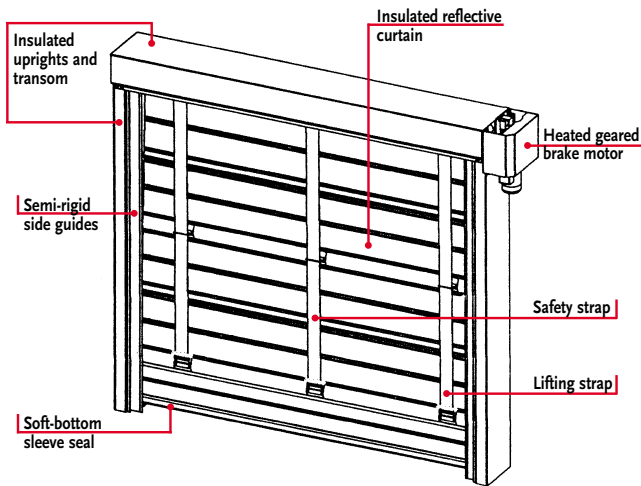
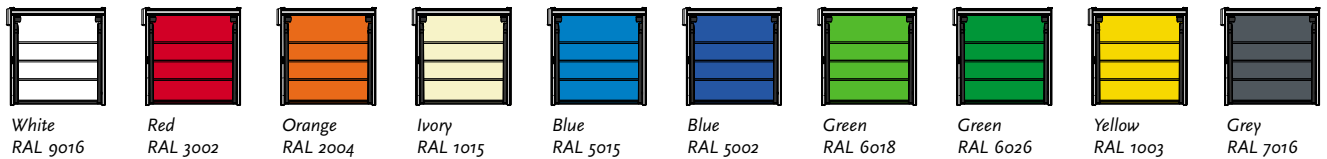


Mavicold®



10 frames and curtains colours available



Frame characteristics

- Self supporting mill galvanized steel frame with polyester powder coated finish for maximum anti-corrosion protection.
- Thermal break frame construction eliminates frost.
- Standard colour Grey RAL 7016, other RAL colours available on request.
- Strip heaters mounted on the frame minimize frost and ice build-up.
- **Options**
Frame in stainless steel AISI 304L or 316L ensures food safe applications.

Mavicold Unique Design

- Insulated uprights and transom for maximum sealing and foam insulation between door and opening structure.
- Uprights and transom fully boxed with double insulated fabric. (same colour as curtain).
- Silicon heating tapes on uprights.
- Two piece uprights for ease of replacement in the event of damage.
- Semi rigid curtain side guides in water repellent material eliminates frosts and give operate with silent.

Insulated curtain

Energy efficient curtain construction : heat and humidity are reflected away and separated from cold by innovative fabric with high thermal efficiency : $K = 2 \text{ W/m}^2/\text{°C}$.

Active insulation technology

- Multi-reflective thermal insulation = heat from outside is reflected back outside = cold generated within the cold room is reflected back inside.
- Thin curtain with high insulation.
- Reduced sound transmission and resonance.

- Greater durability in high impact area.
- Curtain built in draft resistance (ensure complete closure) is equipped with peripheral seals and fiberglass - (GRP) - horizontal strengtheners.
- Curtain folding method minimizes frost and ice buildup
- Mavicold is equipped with seamless safety straps (3900 daN per strap) for added safety.

Multi safety devices

- Complies with NF P 25-362 safety standard.
- Soft bottom edge technology.
- "Safety Strap System".
- Dual safety stainless steel photocells mounted within the doorway reverses the curtain in event of obstruction.
- 2 orange warning lights (each side of the door) flash when the door operates.
- Fail safe circuits.
- Operating and Maintenance instructions.

Peripheric seals

- Airtight seals between the curtain, frame and top hood.
- Airtight seals between the frame and opening structure.

Clear dimensions

- Maximum clear opening 4000 x 4000 mm
Overall width = Clear + 440 mm
Overall height = Clear + 1000 mm

Draft/Pressure resistance

- Designed to withstand pressure differential across curtain equivalent to 80 km/h wind speed.

High-speed operation

- Opening & closing :
Maximum speed -1m/s.

Opening devices

- Push button ceiling pull switch, induction floor loop, radio control, other controls on request.

Technical

- **Gear motor**
Heated Gear brake motor unit to IP 55. Conical torque.Brake disc and brake shield in stainless steel.
- One Speed 0.55 kW motor : permanent service rating S1.
- Gear unit with low-temp oil (-30°C).
- **Drum**
Protected by anti corrosion coated finish
- **Control box**
CE marked and IP 55 to be located outside the cold room. Main components are Telemecanique 50-60 Hz.

Electrical installation

- Strip heaters are protected by 30mA.differential cut-out. Voltage : 240 V or 400 V, 3 phase with earth and neutral. Circuit breaker or cut-out switch on line D type curve.

Installation cold side mount

- Frame and curtain lifting straps to be facing the cold area.

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Mavicold®



HIGH-SPEED FOLD-UP DOOR FOR INSIDE FREEZER APPLICATIONS

- *Mavicold is the strong, energy efficient High-Speed Door for cold stores -1°C to -30°C*
- *Features and benefits :*
 - *Mavicold unique insulated curtain technology*
 - *Internal heating system prevents frost and ice build-up*
 - *Revolutionary soft bottom edge*
 - *Takes safety and durability to another dimension*

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