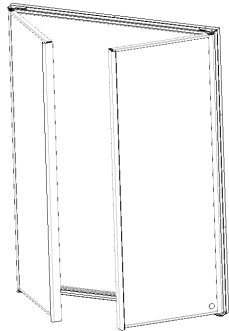


Safe



Safe is a two-leaf insulating glass door module that is available in a range of sizes to fit new, or retrofit existing refrigerated shelves. The doors open against each other.

Each double door has a standard frame width of 1.25 m for unit lengths of 2.50 and 3.75 m. All other frame widths are equally available but do deviate from the standard grid. The frame height is also variable.

Length 3750 mm with 6 hinged doors

Length 2500 mm with 4 hinged doors

Length 1875 mm with 3 hinged doors
(one double + one single door frame)

Dimensions

Frame depth:

- a) Magnetic seal to light bracket: 53 mm
- b) Frame depth with lighting: 78 mm
- c) Frame depth with lighting and door: 106 mm
- d) Total depth from handle bar to lighting: 134 mm

Frame heights are possible from 1200 to max. 2000 mm.

Materials

Folding doors: Glass, PVC and aluminium

Frame: PVC, aluminium, steel and stainless steel

Frame structure

Aluminium frame with steel corner connectors. Thermal separation with PVC insulating profiles all around. Hinge bracket with steel core, bolted. Magnetic stainless steel profile on the frame side.

Folding doors

Glass panes:

- 22 mm insulating glazing (TSG/float)

Glass edging:

- **Vertical:**
Hinge profile for mounting the tensioning mechanism and bearing angle, PVC handle bar
- **Horizontal:**
PVC edge profile; magnetic seal

Closing mechanism

Self-closing doors with tensioning mechanism and adjustable pre-tensioning.

Opening positions

Independent locking at about 60° and 100° (one-hand operation). Gentle pressure activates the tensioning mechanism that closes the insulating glass door.

Optional lighting

T5 lamps on the vertical frame profiles:

- L = 1200 mm (28 W)
- L = 1500 mm (35 W)

T5 lamps on the horizontal frame profiles:

- L = 900 mm (21 W)

Light colours: neutral white 840 or meat 76

LED lighting is available in various lengths and designs

Form of delivery

For retrofitting:

- Flat-packed frame with pre-assembled frame profiles or fully assembled frame
- Framed folding door
- Assembly pack: Installation and fastening material

For standard installation:

- Flat-packed frame with pre-assembled frame profiles
- Framed folding door
- Assembly pack: Installation and fastening material

Modification of the refrigeration unit

Insertion in a refrigerated shelf generally requires a modified unit plinth and top and, possibly, a partition wall to an adjacent shelf unit.

These parts are customised on each unit and must be ordered separately.

Technical specifications

Model	
Frame height	1200 – 2000 mm
Grid length	Standard: 1250 mm Module lengths: 03 / 04 / 06 Non-standard: All other frame widths (for top units or customised units) are equally available
Panes	Insulating glass 4/14/4 (TSG-TSG)
Glass design	straight
Climate classification	3M1 (25°C/60%/-1°C - +5°C)
T5 lighting	
Voltage	220 – 240 V/ 50 – 60 Hz
Rating	Module 1.25m 2x28W= 56W Module 2.5m 3x28W= 84W Module 3.75m 4x28W= 112W Appropriate 35W lighting for taller modules. A 21W lighting fixture can be additionally connected horizontally in each module.
Light colour	840 (neutral white), 76 (meat)
LED lighting	
Voltage	Primary 220 – 240 V/ 50 – 60 Hz Secondary 24V
Rating	Depending on the configuration (frame height, vertical and/or horizontal lighting)
Colour temperature	4000 K (equivalent to light colour 840)
Frame heating	none

Note

- ! Any adjustments to the cooling equipment and any electrical wiring or connections needed for the illumination and heating must be performed by a qualified electrician.

Notices and general information

Special conversion requirements, such as unglazed side walls, additional scanner profiles and customised modifications to the freezer units, are available on request.

The information on the boilerplate and the detailed dimensions of the freezer units are needed to enable the design engineering for such conversions.