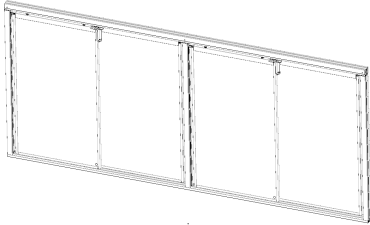


Shelf



Shelf is a sliding door system with self-closing doors that is available in a range of sizes to fit new, or retrofit existing refrigerated shelves.

The system is available in three different colours:

RAL 9010 (pure white)

RAL 7035 (light grey)

RAL 7016 (anthracite grey)

The frame is manufactured to the length of the unit. The standard frame widths are 2500 mm and 3750 mm, which are divided into grids of 1250 mm with columns. Each grid corresponds to 2 doors that slide towards each other. The left door slides "in front", the right door "behind" the other. All other frame widths are equally available but do deviate from the standard grid. The frame height is also variable and is adapted to the unit.

Length 3750 mm with 6 sliding doors

Length 2500 mm with 4 sliding doors

Length 1.875 m with 3 sliding doors

(the right and left doors are "behind", the middle door "in front")

Dimensions

Frame thickness: 53 mm

Top height: 95 mm

Plinth height: 30 mm

Column width: 35 mm

Frame height: 1200 to 2000 mm are possible.

Materials

Sliding panes: Glass, PVC, aluminium and TPE

Frame: PVC and aluminium

Frame structure

Vertical column profiles with thermal separation and integrated, adjustable closing system. Dual aluminium track at the top with 2 carriages for each pane for inserting the glass, two sliding block channels at the top for fastening to the unit supports.

Sliding doors

Glass panes:

- 16 mm insulating glazing (TSG/float)

Glass edging:

- **Vertical:**
Handle profile with replaceable sealing profile, edge profile
- **Horizontal:**
Guide profile, insertion profile

Closing mechanism

Self-closing door mechanism using a weight and cord, adjustable closing speed

Optional door locking mechanism

Locking 2 each of the doors deactivates the self-closing mechanism. As such, one pair of doors can be locked in any required position. The door locking mechanism is attached to the front pane on the left.

Optional lighting

T5 lamps on the vertical frame profiles:

- L = 900 mm (21 W)
- L = 1200 mm (28 W)
- L = 1500 mm (35 W)

T5 lamps on the horizontal frame profiles:

- L = 1200 mm (28 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 column profiles, pre-assembled track
- Framed sliding panes
- Assembly pack: Installation and fastening material

For standard installation:

- Fully assembled frame on base
- Framed sliding panes
- 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 unit.

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

Technical specifications

Model	
Frame height	1200 – 2000 mm
Grid length	Standard: 2500, 3750 Module lengths: 03 / 04 / 06 Non-standard: All other frame widths (for top units or customised units) are equally available
Panes	Insulating glass 4/8/4 (TSG-Float)
Glass design	straight
Climate classification	3 M1 (25°C/60%/-1°C - +5°C)
T5 lighting (optional)	
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 (optional)	
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 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.