

General features



Temperature range	Adjustable -16°C / -28 °C
Factory setpoint Increment	-18°C settable at fixed values (-16°C / -18°C / -20°C / -28°C)
Ambient working class Climatic class	From +10°C to +43°C SN-T
Nominal capacity	70 lt (2,47 cu ft)
Gross capacity Net capacity	75 lt (2,65 cu ft) 75 lt (2,65 cu ft)
External dimensions (WxDxH)	55 x 61 x 68 cm (d 64,5 with additional spacer)
Net weight	31 kg
Package dimensions Weight	Cardboard on pallet 63 x 72 x 92 cm weight 40 kg Wooden crate on pallet 66 x 76 x 100 cm weight 50 kg
Structure	In sheet steel white epoxy coated white colour (rust-proof material) outside and atoxic plastic material inside.
Insulation type	High density foamed-in-place polyurethane. CFC-free
Insulation thickness	65 mm
Feet	No. 4 feet (2 of which are adjustable in height for leveling)
Door	No.1 fully insulated, reversible, realized in sheet steel white epoxy coated outside and atoxic plastic material inside, equipped with a removable magnetic rubber gasket (granting a perfect seal) and an ergonomic recessed handle.
Lightning	Full LED automatic switching on at door opening.
Internal fittings	N. 3 transparent plastic drawers extractable and mounted on 2 safety glass shelves. <ul style="list-style-type: none"> • Dimensions of drawers 1 and 2: 38,5x36x13 cm (LxPxH) • Dimensions of drawer 3: 38,5x19x13 cm (LxPxH)

Refrigeration system

Refrigeration	Static with evaporating grids with high freezing capacity: 4,5 kg/24h.
Defrost	Manual
Refrigerant	Natural R600a
GWP ODP	3 0

Images are purely indicative. The features and the accessories of the products may differ according to model and application.

Electronic controller

Controller	Digital LCD Touch
Type of controller	LCD touch digital thermometer with touch buttons for temperature regulation and displaying.
Power switch	Integrated in user's interface
Security features	Display lock to avoid accidental changes (it can be deactivated).
Alarm system	Visual and acoustic for: <ul style="list-style-type: none">· Open door· High temperature· Power failure alarm (at power returns).

Electrical and functional data

Standard power supply	230V / 1ph / 50Hz
Standard plug type	Schuko type "G"
Power absorption/current	kW 0,2 (Amp 1,3)
Noise level	37 dBA
Heat emission according to EN 12900	W 20
Hold over time at 20°C ambient (air)	0,446 kWh/24h

Conformity

Directives and regulations	Directive 2006/42/EC (Machine directive) Directive 2011/65/EC (ROHS II) Directive 2015/863/EC (ROHS III) Directive 2012/19/EC (RAEE) Directive 2014/30/EC (EMC) Directive 2014/35/EC (LVD) Regulation (EU) 517-2014 (F-gas) Regulation (EU) 1907-2006_REACH
Available certificate	CE
Application environment	Non-flammable, non-explosive, non-corrosive, with adequate air exchange

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Accessories available on request

Lock with key

DMLP Unit

Alarm and temperature recording system to ensure maximum safety, independent monitoring and advanced interactive functionalities.

The DMLP has an LCD display, customizable in 5 languages, and it works with independent NTC sensors to achieve extra-control of the equipment (resolution 0,1°C and accuracy +/-0,3°C).

- Equipped with a SD card to store a minimum of 5 years of operation.
- It is fed by an automatically recharged battery to work in case of power failure up to 12 hours.
- Dry contacts are available on the board to remote the alarm signals.

Data stored on the SD card can be read using the executable software CAPTURE, which is free and present on the same card.

DMLP Printer

Electronic printer (ink-free). The DMLP Printer will automatically print a report of critical temperature alarm signalled by the DMLP DIGITAL MONITOR. It can be programmed to print with different time slots (pre-set with daily print in case of alarms/failures, and weekly print of the temperatures with 1-hour step) and in two different modalities (graphic or tabular). Cost effective (common thermal paper), safe (no morerisk to lose or forget to change papers. Besides, the latest 45 days of operation are always available and printable from the flash memory of DMLP Digital Monitor and customizable). It is the modern alternative to the obsolete chart recorder.

When the DMLP DIGITAL MONITOR is provided with 2 sensors, the printer can be set to print both the temperatures (independent settings for each sensor). Included in the supply are two rolls of paper, enough for approximately 2 years weekly printout (with one sensor/compartment).

Port hole mm 15 (no.1)

Wooden crate package

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