

General features



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

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|---|---|
| Temperature range | Chamber A adjustable between +2°C / +15°C Chamber B adjustable between -10°C / -20°C |
| Factory setpoint Increment | +5°C 0.1°C chamber A -20°C 0.1°C chamber B |
| Ambient working class Climatic class | From +16°C to +32°C N |
| Nominal capacity | 140 + 140 lt (4,94 + 4,94 cu ft) |
| Gross capacity Net capacity | 153 + 153 lt (5,40 + 5,40 cu ft) 128 + 128 lt (4,52 + 4,52 cu ft) |
| External dimensions (W x D x H) | 52 x 66,5 x 166,5 cm |
| Internal dimensions (W x D x H) | 44 x 51,6 x 56 cm (x 2) |
| Net weight without any internal fittings | 108 kg |

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|------------------------------------|---|
| Package dimensions Weight | Cardboard on pallet 55 x 69 x 180 cm weight 118,5 kg Wooden crate on pallet 60 x 77 x 193 cm weight 130,5 kg |
|------------------------------------|---|

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| Structure | Monocoque type, made of plasticized, non-toxic white steel interior/exterior, coated with a special antibacterial-type film, or in inner 18/10 Aisi 304 stainless steel. Rounded corners and tray-type inner bottom. |
| Insulation type | High-density (43 kg/m3), in-walls injected PUF, without any CFC, water-foam based. |
| Insulation thickness | 40 mm |
| Feet | No.4 unidirectional rollers + No.2 stabilizing feet |
| Door | No.2 solid doors with ergonomic handles, self-closing thanks to the spring hinge and 90° stop position. |
| Lighting | Full LED, all length of inner chamber, automatic switching on at door opening. |

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| Internal fittings | Customizable and height adjustable, it can mix independently: <ul style="list-style-type: none"> • wire shelves supported by adjustable clips (dim.cm.40x49) • fully extractible drawers made of aluminium, with dividers (WxDxH): cm 10x45x7,5 (nr 3 compartments) • fully extractible drawers made of aluminium, without dividers (WxDxH): cm 33x45x7,5 |
| Suggested internal fittings | No. 4 wire shelves (2 + 2) |

Refrigeration system

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| Refrigeration | Professional, ventilated, forced, hermetic compressor type. No. 2 separate and independent cooling systems, one for each compartment. |
| Defrost | Automatic, adaptive, including condensate water vaporisation |
| Refrigerant | Natural R290 |
| GWP ODP | 3 0 |

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Electronic controller



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|--|--|
| Controller | ECT-F PLUS controller |
| Type of controller | Electronic controller, back-lit alphanumeric LCD display and resolution 0,1°C |
| Power switch | Integrated in user's interface |
| Security features | Settable user password Visual and acoustic for temperature alarms and failures such as: <ul style="list-style-type: none">• Open door• High temperature• High temperature caused by power failure.• Low temperature• Power failure (alarm back up up to 48h)• Clogged condenser• Faulty batteries• Any functional failure/faulty parts |
| Alarm system | |
| Data and event recordings | Last 12 events available on the display |
| Settable temperature alarm limits | Yes, through parameter adjustment |
| <hr/> | |
| Control sensors | NTC type probes |
| Connection for remote alarm signalisation | Ready on the board, remote on request |
| Temperature recording | Log of minimum and maximum temperature reached, manual reset |
| Data export | Not available |

Electrical and functional data

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|---|---|
| Standard power supply | 230V / 1ph / 50Hz |
| Standard plug type | Schuko type "G" |
| Compressor protection | Overload Protector included |
| Power absorption/current | kW 0,14 + 0,5 (Amp 0,9 + 2,3) |
| Inrush current | Amp 2,5 + 6 |
| Noise level | <45 dBA |
| Heat emission according to EN 12900 | W 191 |
| Hold over time at 20°C ambient (air) | 3,1 h chamber A (from +5°C to +15°C) 1,7 h chamber B (from -20°C to 0°C) |
| Energy consumption at 20°C ambient | 4,6 kWh/24h |

Conformity

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|-----------------------------------|---|
| 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

External dry contact

Anty-freeze safety (refrigerator compartment)

DIN 13277 conformity (includes anty-freeze safety)

Includes: anti-freezer safety, key lock, buffer batteries for power failure alarm and external terminal board with dry contact

Additional wire shelf kit

Extractible drawer on telescopic slides

Extractible drawer without inner dividers on telescopic slides

Plexiglas front panel for extractible drawer

Glass door for chiller compartment

Castors kit with brakes

Inner socket (no.1)

35mm access port with stopper (no.1)

Port hole mm 15 (no.1)

No.1 humidity sensor

No.1 PT100 sensor with free contacts

Non-standard plug and cable

Power 220V/60Hz

Power 115V/60Hz

Mains voltage stabilizer

Wooden crate package

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