

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 +10°C to +25°C C |
| Nominal capacity | 250 + 250 lt (8,82 + 8,82 cu ft) |
| Gross capacity Net capacity | 249 + 261 lt (8,80 + 9,22 cu ft) 249 + 230 lt (8,80 + 8,13 cu ft) |
| External dimensions (WxDxH) | 72x76x208 |
| Internal dimensions (WxDxH) | 60x58,8x70 / 60x58,8x74 cm |
| Net weight without any internal fittings | 168 kg |
| Package dimensions Weight | Cardboard on pallet 76x81x220 cm weight 182 kg Wooden crate on pallet 84x85x220 cm weight 194 kg |
| Structure | Monocoque type, made of plasticized, non-toxic white steel interior/exterior, coated with a special antibacterial-type film. Rounded corners and tray-type inner bottom. |
| Insulation type | High-density (43 kg/m ³), in-walls injected PUF, without any CFC, water-foam based. |
| Insulation thickness | 75 mm rear / 60 mm sides |
| Feet | No.4 unidirectional rollers + No.2 stabilizing feet |
| Door | No.2 doors made of tempered and low emissivity glass, self-closing thanks to the spring hinge and 90°stop position. |
| Lightning | Full LED, all length of inner chamber, automatic switching on at door opening or from the display when the door is closed. |
| Internal fittings | Customizable and height adjustable, it can mix independently: <ul style="list-style-type: none"> • wire shelves supported by adjustable clips (dim.cm 56x55) • fully extractable drawers made of aluminium, with dividers (WxDxH): cm 15x50x7,5 (nr 3 compartments) • fully extractable drawers made of aluminium, without dividers(WxDxH): cm 49x50x7,5 |
| 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 |

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 |
| 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 0,17 + 0,32 (Amp 1 + 2,3) |
| Inrush current | Amp 3 + 5 |
| Noise level | <50 dBA |
| Heat emission according to EN 12900 | W 229 |
| Hold over time at 20°C ambient (air) | 3,4 h chamber A (from +5°C to +15°C) 2 h chamber B (from -20°C to 0°C) |
| Energy consumption at 20°C ambient | 5,5 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 |

FIOCCHETTI SCIENTIFIC S.R.L.

Headquarter: Via Panagulis, 48 - 42045 Luzzara (RE) Italy

VAT No. IT00934960352

Phone +39 0522 976232 - Fax +39 0522 976028

www.fiocchetti.com - Email: info@fiocchetti.it - Pec: fiocchetti@pec.it

Accessories available on request

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| Lock with key | |
| External dry contact | |
| Anty-freeze safety | |
| 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 | |
| Rack 140x420x150H mm (max 3 per each shelf) | |
| Plexiglas front panel for extractible drawer | |
| 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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