

General features



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

| | |
|---|--|
| Temperature range | Adjustable +2°C / +15 °C |
| Factory setpoint Increment | +5°C 0,1°C |
| Ambient working class Climatic class | From +16°C to +38°C N-ST |
| Nominal capacity | 400 lt (14,1 cu ft) |
| Gross capacity Net capacity | 347 lt (12,3 cu ft) 347 lt (12,3 cu ft) |
| External dimensions (WxDxH) | 60x64,5x196 cm |
| Internal dimensions (WxDxH) | 50x48,5x140 cm |
| Net weight without any internal fittings | 93 kg |
| Package dimensions Weight | Cardboard on pallet 65x72x213 cm weight 105 kg Wooden crate on pallet 72x77x213 weight 117 kg |
| 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/m ³), in-walls injected PUF, without any CFC, water-foam based. |
| Insulation thickness | 70 mm rear / 50 mm sides |
| Feet | No.4 unidirectional rollers + No.2 stabilizing feet |
| Door | No.1 solid door with ergonomic handle all door length, 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. |
| Internal fittings | Customizable and height adjustable, it can mix independently: <ul style="list-style-type: none"> • wire shelves supported by adjustable clips (dim.cm 46x45) • fully extractible drawers made of aluminium, with dividers (WxDxH): cm 11,8x40x7,5 (nr 3 compartments) • fully extractible drawers made of aluminium, without dividers (WxDxH): cm 39x40x7,5 • st. steel wire drawers on telescopic slides (WxDxH): cm 43,5x40,5x6,2 • st. steel wire shelves supported by adjustable clips (dim.cm.46x45) |
| Suggested internal fittings | No. 4 wire shelves |

Refrigeration system

| | |
|----------------------|--|
| Refrigeration | Professional, ventilated, forced, hermetic compressor type |
| Defrost | Automatic, adaptive, including condensate water vaporisation |
| Refrigerant | Natural R290 |
| GWP ODP | 3 0 |

Electronic controller



| | |
|--|--|
| 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

| | |
|---|-----------------------------|
| Standard power supply | 230V / 1ph / 50Hz |
| Standard plug type | Schuko type "G" |
| Compressor protection | Overload Protector included |
| Power absorption/current | kW 0,17 (Amp 1) |
| Inrush current | Amp 3 |
| Noise level | <45 dBA |
| Heat emission according to EN 12900 | W 30 |
| Hold over time at 20°C ambient (air) | 2,6 h (from +5°C to +15°C) |
| Energy consumption at 20°C ambient | 0,7 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 |

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

| | |
|--|--|
| 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 |
| Temperature chart recorder | |
| Additional wire shelf kit | |
| Extractible drawer on telescopic slides | |
| Extractible drawer without inner dividers on telescopic slides | |
| St. steel wire shelf kit | |
| St. steel wire drawer on telescopic slides | |
| Lockable drawer for narcotics H mm 100 | |
| Rack 140x420x150H mm (max 3 per each shelf) | |
| Plexiglas front panel for extractible drawer | |
| Castors kit with brakes | |
| Internal Socket (no.1) | |
| 35 mm access port with stopper | |
| Port hole mm 15 | |
| Humidity sensor | |
| PT100 sensor with free contacts | |
| Mains voltage stabilizer | |
| Non-standard plug and cable | |
| Power 220V/60Hz | |
| Power 115V/60Hz | |
| Wooden crate package | |

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