

### General features



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

|   |   |
|---|---|
| <b>Temperature range</b>                        | Adjustable +2°C / +15 °C  |
| <b>Factory setpoint   Increment</b>             | +5°C   0,1°C  |
| <b>Ambient working class   Climatic class</b>   | From +16°C to +38°C   N-ST  |
| <b>Nominal capacity</b>                         | 300 lt (10,6 cu ft)   |
| <b>Gross capacity   Net capacity</b>            | 302 lt (10,6 cu ft)   265 lt (9,4 cu ft)  |
| <b>External dimensions (WxDxH)</b>              | 52x66x196 cm  |
| <b>Internal dimensions (W x D x H)</b>          | 44x48,5x140 cm  |
| <b>Net weight without any internal fittings</b> | 100 kg  |
| <b>Package dimensions   Weight</b>              | Cardboard on pallet 65x72x213 cm   weight 120 kg<br>Wooden crate on pallet 72 x 77 x 213   weight 132 kg  |
| <b>Structure</b>                                | 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   |
| <b>Insulation type</b>                          | High-density (43 kg/m <sup>3</sup> ), in-walls injected PUF, without any CFC, water-foam based.   |
| <b>Insulation thickness</b>                     | 70 mm rear / 40 mm sides  |
| <b>Feet</b>                                     | No.4 unidirectional rollers + No.2 stabilizing feet   |
| <b>Door</b>                                     | No.1 door made of tempered and low emissivity glass, self-closing thanks to the spring hinge and 90°stop position.  |
| <b>Lightning</b>                                | Full LED, all length of inner chamber, automatic switching on at door opening or from the display when the door is closed.  |
| <b>Internal fittings</b>                        | Customizable and height adjustable, it can mix independently: <ul style="list-style-type: none"> <li>• wire shelves supported by adjustable clips (dim. cm 40x47)</li> <li>• fully extractible drawers made of aluminium, with dividers (WxDxH): cm 10x45x7,5 (nr 3 compartments)</li> <li>• fully extractible drawers made of aluminium, without dividers (WxDxH): cm 33x45x7,5</li> </ul> |
| <b>Suggested internal fittings</b>              | No. 4 wire shelves  |

### Refrigeration system

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

## Electronic controller



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

## Electrical and functional data

|   |                             |
|---|-----------------------------|
| <b>Standard power supply</b>                | 230V / 1ph / 50Hz           |
| <b>Standard plug type</b>                   | Schuko type "G"             |
| <b>Compressor protection</b>                | Overload Protector included |
| <b>Power absorption/current</b>             | kW 0,19 (Amp 1,3)           |
| <b>Inrush current</b>                       | Amp 3                       |
| <b>Noise level</b>                          | <50 dBA                     |
| <b>Heat emission according to EN 12900</b>  | W 50                        |
| <b>Hold over time at 20°C ambient (air)</b> | 2,1 h (from +5°C to +15°C)  |
| <b>Energy consumption at 20°C ambient</b>   | 1,2 kWh/24h                 |

## Conformity

|                                   |   |
|-----------------------------------|---|
| <b>Directives and regulations</b> | Directive 2006/42/EC (Machine directive)<br>Directive 2011/65/EC (ROHS II)<br>Directive 2015/863/ EC (ROHS III)<br>Directive 2012/19/EC (RAEE)<br>Directive 2014/30/EC (EMC)<br>Directive 2014/35/EC (LVD)<br>Regulation (EU) 517-2014 (F-gas)<br>Regulation (EU) 1907-2006_REACH |
| <b>Available certificate</b>      | CE  |
| <b>Application environment</b>    | 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](http://www.fiocchetti.com) - Email: [info@fiocchetti.it](mailto:info@fiocchetti.it) - Pec: [fiocchetti@pec.it](mailto: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**

---

**Solid type door**

Please refer to LABOR series

---

**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**

---

**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](http://www.fiocchetti.com) - Email: [info@fiocchetti.it](mailto:info@fiocchetti.it) - Pec: [fiocchetti@pec.it](mailto:fiocchetti@pec.it)