

## 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>                         | 1500 lt (52,97 cu ft)   |
| <b>Gross capacity   Net capacity</b>            | 1355 lt (47,87 cu ft)   1355 lt (47,87 cu ft)   |
| <b>External dimensions (W X D x H)</b>          | 144 x 83 x 207 cm   |
| <b>Internal dimensions (W x D x H)</b>          | 130 x 67 x 150 cm   |
| <b>Net weight without any internal fittings</b> | 245 kg  |
| <b>Package dimensions   Weight</b>              | Cardboard on pallet 148 x 86 x 214 cm   weight 270 kg<br>Wooden crate on pallet 156 x 91 x 214   weight 285 kg  |
| <b>Structure</b>                                | Monocoque type body, 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. |
| <b>Insulation type</b>                          | High density (43 kg/m <sup>3</sup> ) in-walls injected PUF, without any CFC, environmental-friendly, water-foam based.  |
| <b>Insulation thickness</b>                     | 70 mm   |
| <b>Feet</b>                                     | No.4 adjustable feet  |
| <b>Door</b>                                     | No.2 door made of tempered glass, triple thickness, 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>                        | No. 1 reinforced stainless steel sliding plate. Weight load 100 Kg<br>No. 2 inner sockets<br>No. 1 cable port with cap, mm. 35  |

## 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  |

### FIOCCHETTI SCIENTIFIC S.R.L.

Headquarter: Via Panagulis, 48 - 42045 Luzzara (RE) Italy  
VAT No. IT00934960352

Phone +39 0522 976232 - Fax +39 0522 976028

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

## Electronic controller



|  |   |
|--|---|
| <b>Controller</b>                        | Controller ECT-F control®   |
| <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  |
| <b>Alarm system</b>                      | 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>• Any functional failure/faulty parts</li></ul> |
| <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 |
|------------------------|-----------------|

## 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 0,4 (Amp 1,8)            |
| <b>Inrush current</b>                       | Amp 6                       |
| <b>Noise level</b>                          | <55 dBA                     |
| <b>Heat emission according to EN 12900</b>  | W 125                       |
| <b>Hold over time at 20°C ambient (air)</b> | 3,3 h (from +5°C to +15°C)  |
| <b>Energy consumption at 20°C ambient</b>   | 3 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

<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

---

### ECT-F PLUS controller

Evolution of ECT-F control® controller, including following additional features:

- Backup batteries for power failure alarm, up to 48 Hrs
- Min and Max temperature log, manually resettable
- High temperature alarm during power failure
- Refrigerator temperature visible even during power failure
- Alarm contact available on control board, removable
- Additional programmable relays output available

Please refer to model CROMATOGRAPHY 1500 ECT-F PLUS

---

## Solid type door

---

### Additional wire shelf kit

---

### St. steel wire shelf kit

---

### Perforated stainless steel shelf

---

### 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

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