

## General features



<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>	250 lt (8,8 cu ft)
<b>Gross capacity   Net capacity</b>	264 lt (9,3 cu ft)   264 lt (9,3 cu ft)
<b>External dimensions (WxDxH)</b>	60x64,5x163,5 cm
<b>Internal dimensions (WxDxH)</b>	50x48,5x107,5 cm
<b>Net weight without any internal fittings</b>	83 kg

<b>Package dimensions   Weight</b>	Cardboard on pallet 65x72x180 cm   weight 94 kg
	Wooden crate on pallet 72x77x180 cm   weight 104 kg



<b>Structure</b>	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,
<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 / 50 mm sides
<b>Feet</b>	No.4 unidirectional rollers + No.2 stabilizing feet
<b>Door</b>	No.1 solid door with ergonomic handle all door length, 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.



<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 46x45)</li> <li>• fully extractible drawers made of aluminium, with dividers (WxDxH): cm 11,8x40x7,5 (nr 3 compartments)</li> <li>• fully extractible drawers made of aluminium, without dividers (WxDxH): cm 39x40x7,5</li> <li>• st. steel wire drawers on telescopic slides (WxDxH): cm 43,5x40,5x6,2</li> <li>• st. steel wire shelves supported by adjustable clips (dim.cm.46x45)</li> </ul>
<b>Suggested internal fittings</b>	No. 3 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

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

## 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  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 (when the energy returns, only in event of High Temperature)</li><li>• Clogged condenser</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

## 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 0,17 (Amp 1)
<b>Inrush current</b>	Amp 3
<b>Noise level</b>	<45 dBA
<b>Heat emission according to EN 12900</b>	W 25
<b>Hold over time at 20°C ambient (air)</b>	3,8 h (from +5°C to +15°C)
<b>Energy consumption at 20°C ambient</b>	0,6 kWh/24h

## Conformity

<b>Directives and regulations</b>	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
<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

---

### Controllore ECT-F PLUS

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, remotable
- Additional programmable relays output available

Please refer to model LABOR 250 ECT-F PLUS

---

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