

### 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>	Chamber A adjustable between +2°C / +15°C
	Chamber B adjustable between -10°C / -25°C
	+5°C   0.1°C chamber A
<b>Factory setpoint   Increment</b>	-20°C   0.1°C chamber B
	From +16°C to +32°C   N
<b>Ambient working class   Climatic class</b>	
<b>Nominal capacity</b>	250 + 250 lt (8,82 + 8,82 cu ft)
<b>Gross capacity   Net capacity</b>	243 + 243 lt (8,58 + 8,58 cu ft)   249 + 230 lt (8,80 + 8,13 cu ft)
<b>External dimensions (W x D x H)</b>	72 x 74,5 x 208 cm
<b>Internal dimensions (W x D x H)</b>	60 x 58,8 x 70 / 60 x 58,8 x 74 cm
<b>Net weight without any internal fittings</b>	146 kg
<b>Package dimensions   Weight</b>	
	Cardboard on pallet 76 x 81 x 220 cm   weight 160 kg
	Wooden crate on pallet 84 x 85 x 220 cm   weight 172 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>	75 mm rear / 60 mm sides
<b>Feet</b>	No.4 unidirectional rollers + No.2 stabilizing feet
<b>Door</b>	No.2 solid doors with all length ergonomic handles, 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 56x55)</li> <li>• fully extractable drawers made of aluminium, with dividers (WxDxH): cm 15x50x7,5 (nr 3 compartments)</li> <li>• fully extractable drawers made of aluminium, without dividers(WxDxH): cm 49x50x7,5</li> </ul>
<b>Suggested internal fittings</b>	No. 4 wire shelves (2 + 2)

### Refrigeration system

<b>Refrigeration</b>	Professional, ventilated, forced, hermetic compressor type. No. 2 separate and independent cooling systems, one for each compartment.
<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>	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 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
<hr/>	
<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>	Not available

## 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 + 0,32 (Amp 1 + 2,3)
<b>Inrush current</b>	Amp 3 + 5
<b>Noise level</b>	<50 dBA
<b>Heat emission according to EN 12900</b>	W 187
<b>Hold over time at 20°C ambient (air)</b>	4 h chamber A (from +5°C to +15°C) 1,9 h chamber B (from -20°C to 0°C)
<b>Energy consumption at 20°C ambient</b>	4,5 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

<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 (refrigerator compartment)

---

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

---

Glass door for chiller compartment

---

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

---

**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)