

### 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 (WxDx H)</b>	144x83x207 cm
<b>Internal dimensions (WxDxH)</b>	130x67x150 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 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 doors 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>	No. 1 reinforced stainless steel sliding plate. Weight load 100 Kg No. 3 perforated ss plates on slides No. 2 inner sockets 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

## 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
<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 0,4 (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>	2,5 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

[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

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

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