

#### 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>	500 lt (17,6 cu ft)
<b>Gross capacity   Net capacity</b>	527 lt (18,6 cu ft)   527 lt (18,6 cu ft)
<b>External dimensions (WxDxH)</b>	72x76x208 cm
<b>Internal dimensions (WxDxH)</b>	60x58x150 cm
<b>Net weight without any internal fittings</b>	133 kg
<b>Package dimensions   Weight</b>	Cardboard on pallet 76x81x220 cm   weight 147 kg Wooden crate on pallet 84x85x220 cm   weight 159 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>	75 mm rear / 60 mm sides
<b>Feet</b>	No.4 unidirectional rollers + No.2 stabilizing feet
<b>Door</b>	No.1 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>	Customizable and height adjustable, it can mix independently: wire shelves supported by adjustable clips (dim.cm 55x56) fully extractible drawers made of aluminium, with dividers (WxDxH): cm 15x50x7,5 (nr 3 compartments) fully extractible drawers made of aluminium, without dividers(WxDxH): cm 49x50x7,5
<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 Visual and acoustic for temperature alarms and failures such as: Open door High temperature High temperature caused by power failure.
<b>Alarm system</b>	Low temperature Power failure (alarm back up up to 48h) Clogged condenser Faulty batteries Any functional failure/faulty parts
<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 0,17 (Amp 1)
<b>Inrush current</b>	Amp 3
<b>Noise level</b>	<45 dBA
<b>Heat emission according to EN 12900</b>	W 41
<b>Hold over time at 20°C ambient (air)</b>	3,5 h (from +5°C to +15°C)
<b>Energy consumption at 20°C ambient</b>	1 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	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	
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)