

### 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 (WxDxH)</b>              | 144x80,5x207 cm   |
| <b>Internal dimensions (WxDxH)</b>              | 130x67x150 cm   |
| <b>Net weight without any internal fittings</b> | 203 kg  |
| <b>Package dimensions   Weight</b>              | Cardboard on pallet 148x86x214 cm   weight 228 kg<br>Wooden crate on pallet 156x91x214   weight 243 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 solid doors 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 56x65)</li> <li>• fully extractible drawers made of aluminium, with dividers (WxDxH): cm 15x60x7,5 (nr 3 compartments)</li> <li>• fully extractible drawers made of aluminium, without dividers (WxDxH): cm 59x60x7,5</li> <li>• st. steel wire basket on telescopic slides (WxDxH): cm 53,8x63x14,8</li> <li>• st. steel wire drawers on telescopic slides (WxDxH): cm 53,8x60,5x6,2</li> <li>• st. steel wire shelves supported by adjustable clips (dim.cm.56x66)</li> </ul> |
| <b>Suggested internal fittings</b>              | No. 6 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<br>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> | 5 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)<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   |

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## 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                                     |  |
| 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                     |  |
| St. steel wire basket on telescopic slides                     |  |
| Perforated stainless steel shelf                               |  |
| Lockable drawer for narcotics H mm 100                         |  |
| Rack 140x500x150H 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   |  |

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