

## 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>                         | 700 lt (24,7 cu ft)   |
| <b>Gross capacity   Net capacity</b>            | 620 lt (21,9 cu ft)   620 lt (21,9 cu ft)   |
| <b>External dimensions (W X D x H)</b>          | 75 x 84,5 x 210 cm  |
| <b>Internal dimensions (W x D x H)</b>          | 60 x 68,5 x 150 cm  |
| <b>Net weight without any internal fittings</b> | 157 kg  |
| <b>Package dimensions   Weight</b>              | Cardboard on pallet 77 x 90 x 214 cm   weight 174 kg<br>Wooden crate on pallet 84 x 94 x 214 cm   weight 187 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   |
| <b>Feet</b>                                     | No.4 adjustable 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>                        | No. 1 reinforced stainless steel sliding plate. Weight load 100 Kg<br>No. 2 inner sockets<br>No. 1 cable port with cap, mm. 35  |
| <b>Refrigeration system</b>                     |   |
| <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   |

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## 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  |
| <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 0,12 (Amp 0,7)           |
| <b>Inrush current</b>                       | Amp 2,5                     |
| <b>Noise level</b>                          | <50 dBA                     |
| <b>Heat emission according to EN 12900</b>  | W 40                        |
| <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>   | 1 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

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Lock with key

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External dry contact

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Anty-freeze safety

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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

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Temperature chart recorder

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Solid door

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Additional wire shelf kit

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St. steel wire shelf kit

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Castors kit with brakes

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Internal Socket (no. 1)

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35 mm access port with stopper

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Port hole mm 15

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Humidity sensor

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PT100 sensor with free contacts

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Mains voltage stabilizer

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Non-standard plug and cable

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Power 220V/60Hz

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Power 115V/60Hz

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Wooden crate package

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