

### 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<br>Chamber B adjustable between -10°C / -30°C  |
| <b>Factory setpoint   Increment</b>             | +5°C   0.1°C chamber A<br>-20°C   0.1°C chamber B  |
| <b>Ambient working class   Climatic class</b>   | From +16°C to +32°C   N  |
| <b>Nominal capacity</b>                         | 350 + 350 lt (12,36 + 12,36 cu ft)   |
| <b>Gross capacity   Net capacity</b>            | 288 + 305 lt (10,17 + 10,77 cu ft)   260+265 lt (9,19 + 9,37 cu ft)  |
| <b>External dimensions (WxDxH)</b>              | 72x84x203 cm   |
| <b>Internal dimensions (WxDxH)</b>              | 60x68x70 / 60x68x74 cm   |
| <b>Net weight without any internal fittings</b> | 143 kg   |
| <b>Package dimensions   Weight</b>              | Cardboard on pallet 76x92x212 cm   weight 158 kg<br>Wooden crate on pallet 84x98x212 cm   weight 171 kg  |
| <b>Structure</b>                                | Monocoque type, made of plasticized, non-toxic white steel exterior, coated with a special antibacterial-type film; interior in 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, water-foam based.  |
| <b>Insulation thickness</b>                     | 60 mm  |
| <b>Feet</b>                                     | No.4 adjustable 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:<br>wire shelves supported by adjustable clips (dim.cm 56x65)<br>fully extractible drawers made of aluminium, with dividers (WxDxH): cm 15x60x7,5 (nr 3 compartments)<br>fully extractible drawers made of aluminium, without dividers (WxDxH): cm 49x60x7,5<br>st. steel wire basket on telescopic slides (WxDxH): cm 53,8x63x14,8<br>st. steel wire drawers on telescopic slides (WxDxH): cm 53,8x60,5x6,2<br>st. steel wire shelves supported by adjustable clips (dim.cm.56x66) |
| <b>Suggested internal fittings</b>              | No. 4 wire shelves (2 + 2)   |
| <b>Refrigeration system</b>                     |  |
| <b>Refrigeration</b>                            | Professional, ventilated, forced, hermetic compressor type.<br>No. 2 separate and independent cooling systems, one for each compartment.   |
| <b>Defrost</b>                                  | Automatic, adaptive, with collection of condensate water   |
| <b>Refrigerant</b>                              | Natural R290   |
| <b>GWP   ODP</b>                                | 3   0  |

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|  |  |
|--|--|
| <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:<br>Open door<br>High temperature<br>High temperature caused by power failure. |
| <b>Alarm system</b>                              | Low temperature<br>Power failure (alarm back up up to 48h)<br>Clogged condenser<br>Faulty batteries<br>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 + 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 208   |
| <b>Hold over time at 20°C ambient (air)</b> | 6 h chamber A (from +5°C to +15°C)<br>2,1 h chamber B (from -20°C to 0°C) |
| <b>Energy consumption at 20°C ambient</b>   | 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

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Lock with key

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External dry contact

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Anty-freeze safety (refrigerator compartment)

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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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Additional wire shelf kit

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Extractible drawer on telescopic slides

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Extractible drawer without inner dividers on telescopic slides

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St. steel wire shelf kit

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St. steel wire drawer on telescopic slides

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St. steel wire basket on telescopic slides

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Perforated stainless steel shelf

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Lockable drawer for narcotics H mm 100

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Rack 140x500x150H mm (max 3 per each shelf)

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Plexiglas front panel for extractible drawer

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Glass door for chiller compartment

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Castors kit with brakes

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Inner socket (no.1)

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35mm access port with stopper (no.1)

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Port hole mm 15 (no.1)

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Tray for automatic evaporation of condensate water

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No.1 humidity sensor

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No.1 PT100 sensor with free contacts

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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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Mains voltage stabilizer

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Wooden crate package

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