

## General features



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| <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 (W x D x H)</b>          | 72 x 74,5 x 208 cm                        |
| <b>Internal dimensions (W x D x H)</b>          | 60 x 58 x 150 cm                          |
| <b>Net weight without any internal fittings</b> | 121 kg                                    |

|                                    |   |
|------------------------------------|---|
| <b>Package dimensions   Weight</b> | Cardboard on pallet 76 x 81 x 220 cm   weight 135 kg    |
|                                    | Wooden crate on pallet 84 x 85 x 220 cm   weight 147 kg |

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| <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. |
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| <b>Insulation type</b> | High density (43 kg/m3) in-walls injected PUF, without any CFC, environmental-friendly, water-foam based. |
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| <b>Insulation thickness</b> | 75 mm rear / 60 mm sides |
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| <b>Feet</b> | No.4 unidirectional rollers + No.2 stabilizing feet |
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| <b>Door</b> | No.1 solid door with ergonomic handle all door length, self-closing thanks to the spring hinge and 90°stop position. |
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| <b>Lightning</b> | Full LED, all length of inner chamber, automatic switching on at door opening. |
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| <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                   |

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| <b>Suggested internal fittings</b> | No. 4 wire shelves |
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## Refrigeration system

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| <b>Refrigeration</b> | Professional, ventilated, forced, hermetic compressor type |
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| <b>Defrost</b> | Automatic, adaptive, including condensate water vaporisation |
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|--------------------|--------------|
| <b>Refrigerant</b> | Natural R290 |
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|                  |       |
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| <b>GWP   ODP</b> | 3   0 |
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Disclaimer:  
Images are purely indicative. The features and the accessories of the products may differ according to model and application.

## Electronic controller



|  |   |
|--|---|
| <b>Controller</b>                        | Controller ECT-F control®   |
| <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  |
| <b>Alarm system</b>                      | 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>• Any functional failure/faulty parts</li></ul> |
| <b>Data and event recordings</b>         | Last 12 events available on the display   |
| <b>Settable temperature alarm limits</b> | Yes, through parameter adjustment   |

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| <b>Control sensors</b> | NTC type probes |
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## Electrical and functional data

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| <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 0,25 (Amp 1,5)           |
| <b>Inrush current</b>                       | Amp 4                       |
| <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> | 3,7 h (from +5C to +15°C)   |
| <b>Energy consumption at 20°C ambient</b>   | 1 kWh/24h                   |

## Conformity

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|-----------------------------------|---|
| <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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## Controllore ECT-F PLUS

Evolution of ECT-F control® controller, including following additional features:

- Backup batteries for power failure alarm, up to 48 Hrs
- Min and Max temperature log, manually resettable
- High temperature alarm during power failure
- Refrigerator temperature visible even during power failure
- Alarm contact available on control board, remotable
- Additional programmable relays output available

Please refer to model LABOR 500 ECT-F PLUS

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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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## Rack 140x420x150H mm (max 3 per each shelf)

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## Plexiglas front panel for extractible drawer

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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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