

#### General features



|   |  |
|---|--|
| <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>                         | 100 lt (3,53 cu ft)                      |
| <b>Gross capacity   Net capacity</b>            | 126 lt (4,45 cu ft)   96 lt (3,40 cu ft) |
| <b>External dimensions (WxDxH)</b>              | 52x63,5x71 cm                            |
| <b>Internal dimensions (WxDxH)</b>              | 44x51,6x42,1 cm                          |
| <b>Net weight without any internal fittings</b> | 50 kg                                    |



|                                    |  |
|------------------------------------|--|
| <b>Package dimensions   Weight</b> | Cardboard on pallet 55x69x87 cm   weight 58,5 kg<br>Wooden crate on pallet 60x77x103 cm   weight 68,5 kg   |
| <b>Structure</b>                   | Monocoque type, 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, water-foam based.  |
| <b>Insulation thickness</b>        | 40 mm  |
| <b>Feet</b>                        | No.4 adjustable small 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:<br>wire shelves supported by adjustable clips (dim.cm.40x49)<br>fully extractible drawers made of aluminium, with dividers (WxDxH):<br>cm 10x45x7,5 (nr 3 compartments)<br>fully extractible drawers made of aluminium, without dividers (WxDxH): cm 33x45x7,5 |
| <b>Suggested internal fittings</b> | No. 1 wire shelf   |

Disclaimer:  
Images are purely  
indicative. The features  
and the accessories of the  
products may differ  
according to model and  
application.

#### 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>                        | 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<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 (when the energy returns, only in event of High Temperature)<br>Clogged condenser<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  |

## Electrical and functional data

|   |                             |
|---|-----------------------------|
| <b>Standard power supply</b>                | 230V / 1ph / 50Hz           |
| <b>Standard plug type</b>                   | Schuko type "C"             |
| <b>Compressor protection</b>                | Overload Protector included |
| <b>Power absorption/current</b>             | kW 0,14 (Amp 0,9)           |
| <b>Inrush current</b>                       | Amp 2,5                     |
| <b>Noise level</b>                          | <40 dBA                     |
| <b>Heat emission according to EN 12900</b>  | W 20                        |
| <b>Hold over time at 20°C ambient (air)</b> | 3,4 h (from +5C to +15°C)   |
| <b>Energy consumption at 20°C ambient</b>   | 0,5 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

|   |   |
|---|---|
| <b>Lock with key</b>  |   |
| <b>DMLP Digital Monitor®</b>  | <p>Alarm and temperature recording system completely independent from the ECT-F control® controller, equipped with buffer battery and featuring an additional backlit, alphanumerical LCD display.</p> <p>DMLP Digital Monitor provides:</p> <p>Temperature and alarms data recording on extractible SD card covering the last 5 years, with one minute sampling frequency.</p> <p>Back-up buffer battery granting alarms and recording during power cut. The life of the battery is approximately 12 hours during power failures.</p> <p>Pre-set for alarms remoting (dry contact)</p> <p>The SD can be inserted in any pc using a card-reader and includes a freely supplied software, Capture, allowing to download, save and print any data.</p> <p>Information can be arranged as a graph or tabular forms, both fully customizable.</p> |
| <b>DMLP Printer</b>   |   |
| <b>ECT-F PLUS controller</b>  | <p>Evolution of ECT-F control® controller, including following additional features:</p> <p>Backup batteries for power failure alarm, up to 48 Hrs</p> <p>Min and Max temperature log, manually resettable</p> <p>High temperature alarm during power failure</p> <p>Refrigerator temperature visible even during power failure</p> <p>Alarm contact available on control board, remotable</p> <p>Additional programmable relays output available</p> <p>Please refer to model MEDIKA 100 ECT-F PLUS</p>   |
| <b>Solid door</b>   | Refer to LABOR series   |
| <b>Additional wire shelf kit</b>                                      |   |
| <b>Extractible drawer on telescopic slides</b>                        |   |
| <b>Extractible drawer without inner dividers on telescopic slides</b> |   |
| <b>Plexiglas front panel for extractible drawer</b>                   |   |
| <b>Castors kit with brakes</b>  |   |
| <b>One-way small castors</b>  |   |
| <b>Inner socket (no.1)</b>  |   |
| <b>35mm access port with stopper (no.1)</b>                           |   |
| <b>Port hole mm 15 (no.1)</b>   |   |
| <b>No.1 humidity sensor</b>   |   |
| <b>No.1 PT100 sensor with free contacts</b>                           |   |
| <b>Non-standard plug and cable</b>                                    |   |
| <b>Power 220V/60Hz</b>  |   |
| <b>Power 115V/60Hz</b>  |   |
| <b>Mains voltage stabilizer</b>                                       |   |
| <b>Wooden crate package</b>   |   |

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