

#### 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>	140 lt (4,94 cu ft)
<b>Gross capacity   Net capacity</b>	153 lt (5,40 cu ft)   128 lt (4,52 cu ft)
<b>External dimensions (WxDxH)</b>	52x63,5x83 cm
<b>Internal dimensions (WxDxH)</b>	44x51,6x56 cm
<b>Net weight without any internal fittings</b>	53 kg



<b>Package dimensions   Weight</b>	Cardboard on pallet 55x69x100 cm   weight 61,5 kg Wooden crate on pallet 60x77x103 cm   weight 71,5 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: wire shelves supported by adjustable clips (dim.cm.40x49) fully extractible drawers made of aluminium, with dividers (WxDxH): cm 10x45x7,5 (nr 3 compartments) fully extractible drawers made of aluminium, without dividers (WxDxH): cm 33x45x7,5
<b>Suggested internal fittings</b>	No. 2 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

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 Visual and acoustic for temperature alarms and failures such as: Open door High temperature High temperature caused by power failure.
<b>Alarm system</b>	Low temperature Power failure (Power failure (when the energy returns, only in event of High Temperature) Clogged condenser 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 25
<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>	0,6 kWh/24h

## Conformity

<b>Directives and regulations</b>	Directive 2006/42/EC (Machine directive) Directive 2011/65/EC (ROHS II) Directive 2015/863/ EC (ROHS III) Directive 2012/19/EC (RAEE) Directive 2014/30/EC (EMC) Directive 2014/35/EC (LVD) Regulation (EU) 517-2014 (F-gas) 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, alphanumeric 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 140 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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