

## 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

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### Lock with key

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### DMLP Digital Monitor®

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.

DMLP Digital Monitor provides:

Temperature and alarms data recording on extractible SD card covering the last 5 years, with one minute sampling frequency.

Back-up buffer battery granting alarms and recording during power cut. The life of the battery is approximately 12 hours during power failures.

Pre-set for alarms remoting (dry contact)

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.

Information can be arranged as a graph or tabular forms, both fully customizable.

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### DMLP Printer

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### ECT-F PLUS controller

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 MEDIKA 140 ECT-F PLUS

Refer to LABOR series

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### Solid door

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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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### Plexiglas front panel for extractible drawer

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### Castors kit with brakes

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### One-way small castors

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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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### 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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