

## LABOR 140 ECT-F



### Characteristics

<b>Temperature Range</b>	+2 / +15 °C
<b>Capacity</b>	128 lt (4,53 cu ft) <i>Gross capacity 153 lt (5,40 cu ft)</i>
<b>External Dimensions (W x D x H)</b>	cm 52 x 63,5 x 83,5 <i>Internal Dimensions (W x D x H) cm 44 x 51,6 x 56; Weight kg 49</i>
<b>Structure and Insulation</b>	sanitized pre-coated steel with bacteriostatic activity, white colour-in/out (rust- corrosion-proof material), or stainless steel 18/10 AISI 304 inside and sanitized pre-coated steel white colour- outside; insulation polyurethane thickness 40 mm
<b>Feet</b>	n.4 stabilizing feet
<b>Door</b>	Nr 1 blind door pre-coated steel white colour, with ergonomic handle in aluminum
<b>Light</b>	Led type
<b>Suggested internal fittings</b>	nr.2 shelves  <i>Interchangeable system that allows to mix:</i> <ul style="list-style-type: none"> <li>• open wire shelves supported by plastic clips, adjustable in height (dim.cm.49 x 40);</li> <li>• extractible aluminum drawers mounted on telescopic slides (dim. cm.10 x 45 x 7,5 for 3 compartments)</li> </ul>
<b>Controller</b>	ECT-F  <i>ECT-F CONTROL with LCD Display with no.4 soft touch pads, with a 0,1 °C resolution. Customizable menu, available in 5 languages. Acoustic and visual signals for:</i> <ul style="list-style-type: none"> <li>• Open door</li> <li>• High Temperature</li> <li>• Low temperature</li> <li>• Power failure (when the energy returns, only in event of High Temperature)</li> <li>• Dirty Condenser The last 12 events are always available from the display. Clear and precise information of the status of the machine are indicated on the display, as well as all the failures. A password, if enabled, identifies two distinct levels of access to the controller (User and Service), and protects the modification of functional parameters, such as switch on, switch off and set-point of the equipment. The display can be customized, enabling you instant verification of all the main settings for a quick resolution of any problems (Doctor View). Special functions Stop-On-Door, Second Cooling and Advanced Defrosting allow the complete management of the refrigeration cycle, reducing temperature peaks and consumption.</li> </ul>
<b>Alarms</b>	Acustico-visivi per temperature e guasti
<b>Data and Event recording</b>	last 12 events availables from display
<b>Refrigeration Type</b>	Forced-air, ventilated
<b>Defrost</b>	Automatic with automatic evaporation of the condensate water

### Technical data

#### Details

- Refrigerant gas type: R134A or R290 CFC free
- Mains Voltage 230V/1/50Hz
- Power consumption 24H: 0,6 kWh/24H\*
- Instant power consumption: 0,14 kW (0,9 A)\*
- Heat emission: 45 W\*
- Noise level <40 dBA\*
- Ambient Temperature: +16/+38°C; humidity 60%
- Connector: Schuko

*\*R290 version*

#### In accordance with

2006/42/CE, 2014/30/CE, 2014/35/CE, 2011/65/CE

(RoHS), 2012/19/CE (RAEE) and following modifications

<b>Package</b>	Strong Cardboard on wooden pallet  Dim. cm.55x69x102; Kg.57  • <i>Wooden crate on wooden pallet available: dim.cm.60x79x105; Kg.76</i>
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## Accessories

Key Lock

ECT-F PLUS CONTROLLER

- Backup batteries for power alarm up to 48Hrs (24 for 2T)
- Memory of Min and Max temperature reached, resettable by user
- High temperature alarm due to power failure alarm
- Temperature displayed during power failure
- Free contact on the electronic board
- Additional output relays

Glass Door

Rollers

Castors with brakes

Additional Shelf

Extractible Aluminum Drawer with partitions

Plexiglas front for drawers

Wire basket in stainless steel H mm 148

Dry Contact

DMLP DIGITAL MONITOR

- *Monitor/alarm/recording system with rechargeable battery, completely independent from the ECT-F controller. The DMLP Digital Monitor works with NTC probes, with 0.1 °C resolution, accuracy +/- 0.3 °C and an LCD 16-letter screen, customizable in 5 languages. With only one accessory you have the following functions:*
- *Temperatures and alarms recorder on removable Secure Digital (SD Back-Up memory): it can store 5 years data, recording temperature and alarms every minute. The SD card can be connected to any PC: a software (Capture) is included, so that you can download, save and print all data from your PC, with fully customizable graphs or tables.*
- *Battery backup: ensures alarms and recording of temperatures even in case of power failure. The battery system lasts about 12 hours.*
- *Dry contact for remote connection + RS485 port*

DMLP PRINTER

Internal Sockets (n.2 with On/OFF)

Cable port mm 15

Humidity Sensor

PT100 probe (free contacts)

Voltage stabilizer

60 Hz Frequency

115 V

Wooden crate Package

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