

## LABOR 170 ECT-F TOUCH



### Characteristics

<b>Temperature Range</b>	+2 / +15 °C
<b>Capacity</b>	179 lt (6,33 cu ft) <i>Gross capacity 179 lt (6,33 cu ft)</i>
<b>External Dimensions (W x D x H)</b>	cm 60 x 65,5 x 128,5 <i>Internal Dimensions (W x D x H) cm 50 x 49 x 73; Weight kg 87</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 70 mm in the back, 50 in the sides
<b>Door</b>	Nr 1 blind door pre-coated steel white colour, with ergonomic handle in aluminum
<b>Rollers</b>	rollers
<b>Light</b>	Led type with adjustable brightness
<b>Suggested internal fittings</b>	nr.3 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.45,5 x 46);</li> <li>• extractible aluminum drawers mounted on telescopic slides (dim. cm.12 x 40 x 7,5 for 3 compartments);</li> <li>• stainless steel wired drawer/shelf on telescopic guides (H 6,2 cm)</li> </ul>
<b>Controller</b>	ECT-F TOUCH  <i>ECT-F TOUCH CONTROLLER with recording and alarms system New controller with TFT 7" touch screen display easily readable from the distance, with a real time graphic of temperatures and of other selected functions always visible from the home page.</i> <ul style="list-style-type: none"> <li>• Temperature recording of the last 10 years</li> <li>• Acoustic and visual alarm system for temperature deviations, open door, condenser, and faulty conditions</li> <li>• Safety thermostat against freezing and overheating</li> <li>• SD card with frontal access: it can store 10 years data recording and relevant documents such as manuals, list of spare parts, videos regarding installation and most common operations.</li> <li>• USB port that allows to download data directly from the front panel</li> <li>• Multimedia section with Tutorial area for instruction movies, service manuals, electrical drawings, etc,</li> <li>• Dry contact for remote connection</li> <li>• RJ45 port for LAN/Ethernet.</li> <li>• Password for the turning on and off of the machine, to protect from unauthorized users</li> <li>• Slot for SIM card</li> <li>• Integrated Web Server</li> </ul>
<b>Alarms</b>	Acoustic and Visual for temperature deviations and failures, with automatic recording
<b>Safety Thermostat</b>	
<b>Data and Event recording</b>	10 years on SD card; last year on Flash-memory
<b>Temperature Graph</b>	A customizable real time graphic always visible from the home page.
<b>Connectivity</b>	USB-SD-SIM port with frontal access ; Dry Contact; Serial port RJ45
<b>Refrigeration Type</b>	Forced-air, ventilated
<b>Defrost</b>	Automatic with automatic evaporation of the condensate water

### Technical data

#### Details

- Refrigerant gas type: R452A or R290 CFC free
- Mains Voltage 230V/1/50Hz

- Power consumption 24H: 0,5 kWh/24H\*
- Instant power consumption: 0,17 kW (1 A)\*
- Heat emission: 110 W\*
- Noise level <45 dBA\*
- Ambient Temperature: +16/+38 °C; humidity 60%
- Connector: Schuko

\*R290 version

<b>In accordance with</b>	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.66x71x146; Kg.82

- Wooden crate on wooden pallet available: dim.cm.74x77x151; Kg.111

## Accessories

### Electric Digital Key Lock

*The door is opened by means of a gentle pressure on the key icon in the homepage, and can be password protected. Mechanical key supplied in the event of failure.*

### Glass Door

### Castors with brakes

### Additional Shelf

### Extractible Aluminum Drawer with partitions

### Plexiglas front for drawers

### Sliding wire stainless steel drawer H mm 62

### Stainless steel wire rack cm 14 x42 x 15 H (max 3 each shelf)

### Drawer for narcotics with keylock H mm 100

### Back-up Batteries

*nr.8 Nihm rechargeable batteries type AA of 1.2 Volt, easily replaceable, for power failure alarm*

### External Terminal Board for Ethernet/Dry Contact

### Dmlp Digital Monitor Touch

*Independent visual/acoustic alarm and recording system, with an accuracy of 0.1°C thanks to the PT100 probe used for temperature detection. The DMLP will take over alarms functions when installed as integrated module on the main ECT-F Touch controller. It is fed by standard rechargeable batteries to record temperatures and events in case of power failure (Kit Battery Back-up is included). The data downloading is managed by the software CAPTURE supplied into the SD CARD: thanks to this software, it is possible to produce graphics and tabs of recorded data.*

### DIN 58345 conformity

*Includes Electric Digital Key Lock, Back-up batteries for power failure and external terminal board for dry contact*

### Internal Socket

### Cable port mm 35 with cap

### Cable port mm 15

### Humidity Sensor

### PT100 probe (free contacts)

### Voltage stabilizer

### 4-20mA converter module

*external terminal board included (this accessory excludes the Gsm module)*

### 60 Hz Frequency

### 115 V

### Wooden crate Package

