

## EMOTECA TWIN 1500 ECT-F TOUCH



### Characteristics

<b>Temperature Range</b>	+4 °C
<b>Capacity</b>	1355 lt (47,87 cu ft) <i>Gross capacity 1355 lt (47,87 cu ft)</i>
<b>Blood bags capacity (450 ml)</b>	672
<b>External Dimensions (W x D x H)</b>	cm 144 x 82 x 205 <i>Internal Dimensions (W x D x H) cm 130 x 69 x 151 ; Weight kg 220</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
<b>Feet</b>	n.4 adjustable feet
<b>Door</b>	Nr 2 glass doors with triple glass panels
<b>Electric Digital Key Lock</b>	Electric Digital Key Lock <i>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.</i>
<b>Light</b>	Led type with adjustable brightness
<b>Internal equipment</b>	nr.14 extractible aluminum drawers mounted on telescopic slides <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.66 x 56);</li> <li>• extractible aluminum drawers mounted on telescopic slides (dim. cm.15,4 x 60 x 7,5 for 3 compartments);</li> <li>• s/steel wire basket dim.cm.56,9x65x15;</li> <li>• S/steel rack dim.cm.14x50x15 also available.</li> </ul>
<b>Controller</b>	ECT-F TOUCH + DMLP TOUCH DIGITAL MONITOR <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>• RS485 and RJ45 port for LAN/Ethernet.</li> <li>• Password for the turning on and off of the machine</li> <li>• Integrated Web Server</li> </ul>
<b>Alarms</b>	Acoustic and Visual for temperature deviations, power failure and faults, with automatic recording even in case the electricity is off
<b>Safety Thermostat</b>	
<b>Data and Event recording</b>	10 years on SD card; 1 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 ; external board for Dry Contact and Serial ports RS485 and RJ45
<b>Refrigeration Type</b>	Forced-air, ventilated

## Compressors

Nr.2

Nr.2 completely independent cooling systems (compressors, condensers, evaporators channels) that will work independently and as back-up systems in case of failure of one of the two. ECT-F Touch controller will activate the 2 compressors alternatively every operation cycle, maintaining their performance at the top. In case of failure of one of the 2 cooling systems, the controller will immediately activate the other cooling system, giving prompt signal of the error to the operator in order to call the service engineer for maintenance. Every function is controlled independently (sensors failures, condenser over-heating, evaporator temperatures); any possible error message will indicate to which cooling system ("A" or "B") the fault is related to.

**Defrost** Automatic with automatic evaporation of the condensate water

**Probe for product simulation**

### Technical data

#### Details

- Refrigerant gas type: R404A CFC free
- Mains Voltage 230V/1/50Hz
- Power consumption 24H: 6 kW/24H
- Instant power consumption: 0,39 kW (2,2 A)
- Noise level < 54 dB
- Ambient Temperature: +16/+32 °C; humidity 60%
- Connector: Schuko

**In accordance with** 93/42/CE - class IIa regulation, and following modifications

**Package** Strong Cardboard on wooden pallet

*Dim. cm.150x87x212; Kg.240*

- *Wooden crate on wooden pallet available: dim. cm.153x98x213; Kg.283*

**note** DIN 58371 conformity

### Accessories

Blind Door

Castors with brakes

Extractible Aluminum Drawer with partitions

Plexiglas front for drawers

Wire basket in stainless steel H mm 148

S/Steel Rack cm 14 x 50 x 15 H (max nr.3 each shelf)

White coated sheet shelf

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

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