

#### General features



Disclaimer:  
Images are purely  
indicative. The features  
and the accessories of the  
products may differ  
according to model and  
application.

<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>	1500 lt (52,97 cu ft)
<b>Gross capacity   Net capacity</b>	1355 lt (47,87 cu ft)   1355 lt (47,87 cu ft)
<b>External dimensions (WxDxH)</b>	144x83x207 cm
<b>Internal dimensions (WxDxH)</b>	130x67x150 cm
<b>Net weight without any internal fittings</b>	245 kg
<b>Package dimensions   Weight</b>	Cardboard on pallet 148x86x214 cm   weight 270 kg Wooden crate on pallet 156x91x214   weight 285 kg
<b>Structure</b>	Monocoque type body, 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, environmental-friendly, water-foam based.
<b>Insulation thickness</b>	70 mm
<b>Feet</b>	No.4 adjustable feet
<b>Door</b>	No.2 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>	No. 1 reinforced stainless steel sliding plate. Weight load 100 Kg No. 3 perforated ss plates on slides No. 2 inner sockets No. 1 cable port with cap, mm. 35

#### 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

## 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
<b>Alarm system</b>	Visual and acoustic for temperature alarms and failures such as: <ul style="list-style-type: none"> <li>• Open door</li> <li>• High temperature</li> <li>• High temperature caused by power failure.</li> <li>• Low temperature</li> <li>• Power failure (when the energy returns, only in event of High Temperature)</li> <li>• Clogged condenser</li> <li>• Any functional failure/faulty parts</li> </ul>
<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 "G"
<b>Compressor protection</b>	Overload Protector included
<b>Power absorption/current</b>	kW 0,4 (Amp 1,8)
<b>Inrush current</b>	Amp 6
<b>Noise level</b>	<55 dBA
<b>Heat emission according to EN 12900</b>	W 125
<b>Hold over time at 20°C ambient (air)</b>	3,3 h (from +5°C to +15°C)
<b>Energy consumption at 20°C ambient</b>	2,5 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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#### 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 CROMATOGRAPHY 1500 ECT-F PLUS

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#### Solid type door

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#### Additional wire shelf kit

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#### St. steel wire shelf kit

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#### Perforated stainless steel shelf

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#### Castors kit with brakes

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#### Internal Socket (no.1)

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#### 35 mm access port with stopper

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#### Port hole mm 15

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#### Humidity sensor

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#### PT100 sensor with free contacts

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#### Mains voltage stabilizer

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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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#### Wooden crate package

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