

#### General features



<b>Temperature range</b>	Adjustable +2°C / +15°C for both compartments
<b>Factory setpoint   Increment</b>	+5°C   0.1°C for both compartments
<b>Ambient working class   Climatic class</b>	From +16°C to +38°C   N-ST
<b>Nominal capacity</b>	500 + 500 lt (17,6 + 17,6 cu ft)
<b>Gross capacity   Net capacity</b>	527 + 527 lt (18,6 + 18,6 cu ft)   527 + 527 lt (18,6 + 18,6 cu ft)
<b>External dimensions (WxDxH)</b>	144 (72 + 72)x76x208 cm
<b>Internal dimensions (WxDxH)</b>	60x58x150 cm (x2)
<b>Net weight without any internal fittings</b>	266 kg
<b>Package dimensions   Weight</b>	No. 2 cardboards on pallet 76x81x220 cm each   weight 147 kg each No. 2 wooden crates on pallet 84x85x220 cm   weight 159 kg each
<b>Structure</b>	No. 2 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>	75 mm rear / 60 mm sides
<b>Feet</b>	No.4 unidirectional rollers + No.2 stabilizing feet
<b>Door</b>	No.2 doors made of tempered and low emissivity glass, 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: <ul style="list-style-type: none"> <li>wire shelves supported by adjustable clips (dim.cm 55x56)</li> <li>fully extractable drawers made of aluminium, with dividers (WxDxH): cm 15x50x7,5 (nr 3 compartments)</li> <li>fully extractable drawers made of aluminium, without dividers (WxDxH): cm 49x50x7,5</li> </ul>
<b>Suggested internal fittings</b>	No. 8 wire shelves (4 + 4)

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

#### Refrigeration system

<b>Refrigeration</b>	Professional, ventilated, forced, hermetic compressor type. No. 2 separate and independent cooling systems, one for each compartment.
<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>	ECT-F PLUS controller
<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: <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 (alarm back up up to 48h)</li> <li>• Clogged condenser</li> <li>• Faulty batteries</li> <li>• Any functional failure/faulty parts</li> </ul>
<b>Alarm system</b>	
<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
<b>Connection for remote alarm signalisation</b>	Ready on the board, remote on request
<b>Temperature recording</b>	Log of minimum and maximum temperature reached, manual reset
<b>Data export</b>	Not available

## 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 0,17 + 0,17 (Amp 1 + 1)
<b>Inrush current</b>	Amp 3 + 3
<b>Noise level</b>	<45 + 45dBA
<b>Heat emission according to EN 12900</b>	W 41 + 41
<b>Hold over time at 20°C ambient (air)</b>	3,5 h (da +5°C a +15°C)
<b>Energy consumption at 20°C ambient</b>	1 + 1 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

<b>Lock with key</b>	
<b>External dry contact</b>	
<b>Anty-freeze safety</b>	
<b>DIN 13277 conformity (includes anty-freeze safety)</b>	Includes: anti-freezer safety, key lock, buffer batteries for power failure alarm and external terminal board with dry contact
<b>Temperature chart recorder</b>	
<b>Solid type door</b>	Please refer to LABOR series
<b>Additional wire shelf kit</b>	
<b>Extractible drawer on telescopic slides</b>	
<b>Extractible drawer without inner dividers on telescopic slides</b>	
<b>Rack 140x420x150H mm (max 3 per each shelf)</b>	
<b>Plexiglas front panel for extractible drawer</b>	
<b>Castors kit with brakes</b>	
<b>Internal Socket (no.1)</b>	
<b>35 mm access port with stopper</b>	
<b>Port hole mm 15</b>	
<b>Humidity sensor</b>	
<b>PT100 sensor with free contacts</b>	
<b>Mains voltage stabilizer</b>	
<b>Non-standard plug and cable</b>	
<b>Power 220V/60Hz</b>	
<b>Power 115V/60Hz</b>	
<b>Wooden crate package</b>	

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