

## 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>	Chamber A adjustable between +2°C / +15°C Chamber B adjustable between -10°C / -25°C
<b>Factory setpoint   Increment</b>	+5°C   0.1°C chamber A -20°C   0.1°C chamber B
<b>Ambient working class   Climatic class</b>	From +16°C to +32°C   N
<b>Nominal capacity</b>	200 + 200 lt (7,06 + 7,06 cu ft)
<b>Gross capacity   Net capacity</b>	179 + 179 lt (6,32 + 6,32 cu ft)   170 + 160 lt (6,01 + 5,66 cu ft)
<b>External dimensions (W x D x H)</b>	60 x 64,5 x 202 cm
<b>Internal dimensions (W x D x H)</b>	50 x 48,5 x 68,5 / 50 x 49,5 x 73 cm
<b>Net weight without any internal fittings</b>	123 kg
<b>Package dimensions   Weight</b>	Cardboard on pallet 65 x 72 x 219 cm   weight 135 kg Wooden crate on pallet 72 x 77 x 219 cm   weight 147 kg
<b>Structure</b>	Monocoque type, 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/m3), in-walls injected PUF, without any CFC, water-foam based.
<b>Insulation thickness</b>	70 mm rear / 50 mm sides
<b>Feet</b>	No.4 unidirectional rollers + No.2 stabilizing feet
<b>Door</b>	No.2 solid doors with all length ergonomic handles, 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.
<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 46x45)</li> <li>• fully extractible drawers made of aluminium, with dividers (WxDxH): cm 11,8x40x7,5 (nr 3 compartments)</li> <li>• fully extractible drawers made of aluminium, without dividers (WxDxH): cm 39x40x7,5</li> <li>• st. steel wire drawers on telescopic slides (WxDxH): cm 43,5x40,5x6,2</li> <li>• st. steel wire shelves supported by adjustable clips (dim.cm.46x45)</li> </ul>
<b>Suggested internal fittings</b>	No. 4 wire shelves (2 + 2)
<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

## Refrigeration system

# 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 (alarm back up up to 48h)</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

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<b>Control sensors</b>	NTC type probes
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## Electrical and functional data

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<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 + 0,32 (Amp 1 + 2,3)
<b>Inrush current</b>	Amp 3 + 5
<b>Noise level</b>	<50 dBA
<b>Heat emission according to EN 12900</b>	W 166
<b>Hold over time at 20°C ambient (air)</b>	4 h chamber A (from +5°C to +15°C) 1,7 h chamber B (from -20°C to 0°C)
<b>Energy consumption at 20°C ambient</b>	4 kWh/24h

## Conformity

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<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 LABOR 2T 400 ECT-F PLUS

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## Additional wire shelf kit

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### Extractible drawer on telescopic slides

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### Extractible drawer without inner dividers on telescopic slides

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### St. steel wire shelf kit

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### St. steel wire drawer on telescopic slides

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### Lockable drawer for narcotics H mm 100

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### Rack 140x420x150H mm (max 3 per each shelf)

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### Plexiglas front panel for extractible drawer

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### Glass door for chiller compartment

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### Castors kit with brakes

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### Inner socket (no.1)

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### 35mm access port with stopper (no.1)

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### Port hole mm 15 (no.1)

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### No.1 humidity sensor

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### No.1 PT100 sensor with free contacts

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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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### Mains voltage stabilizer

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### Wooden crate package

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