# LABOR 2T 700 ECT-F
Cod. LAD0701

## General features

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| **Temperature range** | Chamber A adjustable between +2°C / +15°C<br>Chamber B adjustable between -10°C / -30°C |
| **Factory setpoint | Increment** | +5°C | 0.1°C chamber A<br>-20°C | 0.1°C chamber B |
| **Ambient working class | Climatic class** | From +16°C to +32°C | N |
| **Nominal capacity** | 350 + 350 lt (12,36 + 12,36 cu ft) |
| **Gross capacity | Net capacity** | 288 + 305 lt (10,17 + 10,77 cu ft) | 260+265 lt (9,19 + 9,37 cu ft) |
| **External dimensions (WxDxH)** | 72x84x203 cm |
| **Internal dimensions (WxDxH)** | 60x68x70 / 60x68x74 cm |
| **Net weight without any internal fittings** | 143 kg |
| **Package dimensions | Weight** | Cardboard on pallet 76x92x212 cm | weight 158 kg |
| | Wooden crate on pallet 84x98x212 cm | weight 171 kg |
| **Structure** | Monocoque type, made of plasticized, non-toxic white steel exterior, coated with a special antibacterial-type film; interior in 18/10 AISI 304 stainless steel. Rounded corners and tray-type inner bottom. |
| **Insulation type** | High-density (43 kg/m³), in-walls injected PUF, without any CFC, water-foam based. |
| **Insulation thickness** | 60 mm |
| **Feet** | No.4 adjustable feet |
| **Door** | No.2 solid doors with all length ergonomic handles, self-closing thanks to the spring hinge and 90°stop position. |
| **Lightning** | Full LED, all length of inner chamber, automatic switching on at door opening. |
| **Internal fittings** | Customizable and height adjustable, it can mix independently:<br>wire shelves supported by adjustable clips (dim.cm 56x65)<br>fully extractible drawers made of aluminium, with dividers (WxDxH): cm 15x60x7,5 (nr 3 compartments)<br>fully extractible drawers made of aluminium, without dividers (WxDxH): cm 49x60x7,5<br>st. steel wire basket on telescopic slides (WxDxH): cm 53,8x63x14,8<br>st. steel wire drawers on telescopic slides (WxDxH): cm 53,8x60,5x6,2<br>st. steel wire shelves supported by adjustable clips (dim.cm.56x66) |
| **Suggested internal fittings** | No. 4 wire shelves (2 + 2) |

## Refrigeration system

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| **Refrigeration** | Professional, ventilated, forced, hermetic compressor type.<br>No. 2 separate and independent cooling systems, one for each compartment. |
| **Defrost** | Automatic, adaptive, with collection of condensate water |
| **Refrigerant** | Natural R290 |
| **GWP | ODP** | 3 | 0 |

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

# Electronic controller

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| **Controller** | Controller ECT-F control® |
| **Type of controller** | Electronic controller, back-lit alphanumeric LCD display and resolution 0,1°C |
| **Power switch** | Integrated in user's interface |
| **Security features** | Settable user password |
| **Alarm system** | Visual and acoustic for temperature alarms and failures such as: Open door<br>High temperature<br>High temperature caused by power failure.<br>Low temperature<br>Power failure (when the energy returns, only in event of High Temperature)<br>Clogged condenser<br>Any functional failure/faulty parts |
| **Data and event recordings** | Last 12 events available on the display |
| **Settable temperature alarm limits** | Yes, through parameter adjustment |
| **Control sensors** | NTC type probes |

# Electrical and functional data

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| **Standard power supply** | 230V / 1ph / 50Hz |
| **Standard plug type** | Schuko type "G" |
| **Compressor protection** | Overload Protector included |
| **Power absorption/current** | kW 0,17 + 0,32 (Amp 1 + 2,3) |
| **Inrush current** | Amp 3 + 5 |
| **Noise level** | <50 dBA |
| **Heat emission according to EN 12900** | W 208 |
| **Hold over time at 20°C ambient (air)** | 6 h chamber A (from +5°C to +15°C)<br>2,1 h chamber B (from -20°C to 0°C) |
| **Energy consumption at 20°C ambient** | 5 kWh/24h |

# Conformity

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| **Directives and regulations** | Directive 2006/42/EC (Machine directive)<br>Directive 2011/65/EC (ROHS II)<br>Directive 2015/863/ EC (ROHS III)<br>Directive 2012/19/EC (RAEE)<br>Directive 2014/30/EC (EMC)<br>Directive 2014/35/EC (LVD)<br>Regulation (EU) 517-2014 (F-gas)<br>Regulation (EU) 1907-2006_REACH |
| **Available certificate** | CE |
| **Application environment** | Non-flammable, non-explosive, non-corrosive, with adequate air exchange |

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| **Lock with key** | |
| **ECT-F PLUS controller** | Evolution of ECT-F control® controller, including following additional features:<br>Backup batteries for power failure alarm, up to 48 Hrs<br>Min and Max temperature log, manually resettable<br>High temperature alarm during power failure<br>Refrigerator temperature visible even during power failure<br>Alarm contact available on control board, remotable<br>Additional programmable relays output available<br>Please refer to model LABOR 2T 700 ECT-F PLUS |
| **Additional wire shelf kit** | |
| **Extractible drawer on telescopic slides** | |
| **Extractible drawer without inner dividers on telescopic slides** | |
| **St. steel wire shelf kit** | |
| **St. steel wire drawer on telescopic slides** | |
| **St. steel wire basket on telescopic slides** | |
| **Perforated stainless steel shelf** | |
| **Lockable drawer for narcotics H mm 100** | |
| **Rack 140x500x150H mm (max 3 per each shelf)** | |
| **Plexiglas front panel for extractible drawer** | |
| **Glass door for chiller compartment** | |
| **Castors kit with brakes** | |
| **Inner socket (no.1)** | |
| **35mm access port with stopper (no.1)** | |
| **Port hole mm 15 (no.1)** | |
| **Tray for automatic evaporation of condensate water** | |
| **No.1 humidity sensor** | |
| **No.1 PT100 sensor with free contacts** | |
| **Non-standard plug and cable** | |
| **Power 220V/60Hz** | |
| **Power 115V/60Hz** | |
| **Mains voltage stabilizer** | |
| **Wooden crate package** | |