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| **General features** |
| Disclaimer: Images are purely indicative. The features and the accessories of the products may differ according to model and application. | **Temperature range** | Adjustable -20°C / -10 °C |
| **Factory setpoint** | **Increment**  | -20°C | 0.1°C |
| **Ambient working class** | **Climatic class** | From +16°C to +32°C | N |
| **Nominal capacity** | 140 lt (4,94 cu ft) |
| **Gross capacity** | **Net capacity** | 153 lt (5,40 cu ft) | 128 lt (4,52 cu ft) |
| **External dimensions (WxDxH)** | 52x63,5x83 cm |
| **Internal dimensions (WxDxH)** | 44x51,6x56 cm |
| **Net weight without any internal fittings** | 51 kg |
| **Package dimensions** | **Weight** | Cardboard on pallet 55x69x100 cm | weight 59,5 kg |
| Wooden crate on pallet 60x77x103 cm | weight 69,5 kg |
| **Structure** | 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, |
| **Insulation type** | High-density (43 kg/m3), in-walls injected PUF, without any CFC, water-foam based. |
| **Insulation thickness** | 40 mm |
| **Feet** | No.4 adjustable small feet |
| **Door** | No.1 solid door with ergonomic handle, 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:wire shelves supported by adjustable clips (dim.cm.40x47)fully extractible drawers made of aluminium, with dividers (WxDxH): cm 10x45x7,5 (nr 3 compartments)fully extractible drawers made of aluminium, without dividers (WxDxH): cm 33x45x7,5 |
| **Suggested internal fittings** | No. 2 wire shelves |
| **Refrigeration system** |
| **Refrigeration** | Professional, ventilated, forced, hermetic compressor type |
| **Defrost** | Automatic, adaptive, including condensate water vaporisation |
| **Refrigerant** | Natural R290 |
| **GWP** | **ODP** | 3 | 0 |

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|  | **Electronic controller** |
| **Controller** | ECT-F PLUS controller |
| **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 doorHigh temperatureHigh temperature caused by power failure.Low temperaturePower failure (alarm back up up to 48h)Clogged condenserFaulty batteriesAny 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 |
| **Connection for remote alarm signalisation** | Ready on the board, remote on request |
| **Temperature recording** | Log of minimum and maximum temperature reached, manual reset  |
| **Data export** | Not available |
| **Electrical and functional data** |
| **Standard power supply** | 230V / 1ph / 50Hz |
| **Standard plug type** | Schuko tipo “G” |
| **Compressor protection**  | Overload Protector incluso |
| **Power absorption/current** | kW 0,5 (Amp 2,3) |
| **Inrush current** | Amp 6 |
| **Noise level** | <40 dBA |
| **Heat emission according to EN 12900** | W 155 |
| **Hold over time at 20°C** **ambient (air)** | 1,6 h (from -20°C to 0°C) |
| **Energy consumption at 20°C ambient** | 3,7 kWh/24h |
| **Conformity** |
| **Directives and regulations** | 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 |
| **Available certificate** | CE |
| **Application environment** | Non-flammable, non-explosive, non-corrosive, with adequate air exchange |



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| **Accessories available on request** |
| **Lock with key** |  |
| **External dry contact** |  |
| **DIN 13277 conformity** | Includes: key lock, buffer batteries for power failure alarm and external terminal board with dry contact  |
| **Temperature chart recorder** |  |
| **Additional wire shelf kit** |  |
| **Extractible drawer on telescopic slides** |  |
| **Extractible drawer without inner dividers on telescopic slides** |  |
| **Plexiglas front panel for extractible drawer** |  |
| **Castors kit with brakes**  |  |
| **One-way small castors** |  |
| **35mm access port with stopper (no.1)** |  |
| **Port hole mm 15 (no.1)** |  |
| **No.1 PT100 sensor with free contacts** |  |
| **Non-standard plug and cable** |  |
| **Power220V/60Hz** |  |
| **Power 115V/60Hz** |  |
| **Mains voltage stabilizer** |  |
| **Wooden crate package** |  |

