**Product technical data sheet**

# MEDIKA 700 PT ECT-F
Cod. MPT0701

## General features

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| **Temperature range** | Adjustable +2°C / +15 °C |
| **Factory setpoint | Increment** | +5°C | 0.1°C |
| **Ambient working class| Climatic class** | From +16°C to +38°C | N-ST |
| **Nominal capacity** | 700 lt (24,7 cu ft) |
| **Gross capacity | Net capacity** | 668 lt (23,6 cu ft) | 668 lt (23,6 cu ft) |
| **External dimensions (W X D x H)** | 75 x 90,5 x 210 cm |
| **Internal dimensions (W x D x H)** | 60 x 74 x 150 cm |
| **Net weight without any internal fittings** | 175 kg |
| **Package dimensions | Weight** | Cardboard on pallet 77 x 90 x 214 cm | weight 161 kg |
| | Wooden crate on pallet 84 x 94 x 214 | weight 174 kg |
| **Structure** | Monocoque type body, made of plasticized, atoxic white steel interior/exterior, coated with a special antibacterial-type film, or in inner 18/10 Aisi 304 stainless steel. Inner bottom rounded corners. |
| **Insulation type** | High density (43 kg/m3) in-walls injected PUF, without any CFC, environmental-friendly, water-foam based. |
| **Insulation thickness** | 75 mm |
| **Feet** | No.4 adjustable feet |
| **Door** | No.2 doors made of tempered glass, triple thickness, 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 or from the display when the door is closed. |
| **Internal fittings** | Customizable and height adjustable, it can mix independently:<br>• wire shelves supported by adjustable clips (dim.cm 56x66)<br>• st. steel wire shelves supported by adjustable clips (dim.cm.56x66)<br>• rack mm 140x500x150H (Max. 3 per shelf) |
| **Suggested internal fittings** | No. 3 wire shelves |

## Refrigeration system

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| **Refrigeration** | Professional, ventilated, forced, hermetic compressor type |
| **Defrost** | Automatic, adaptive, including condensate water vaporisation |
| **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:<br>• Open door<br>• High temperature<br>• High temperature caused by power failure.<br>• Low temperature<br>• Power failure (alarm back up up to 48h)<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 0,12 (Amp 0,7) |
| **Inrush current** | Amp 2,5 |
| **Noise level** | <55 dBA |
| **Heat emission according to EN 12900** | W 125 |
| **Hold over time at 20°C ambient (air)** | 2,3 h (from +5°C to +15°C) |
| **Energy consumption at 20°C ambient** | 3 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 |

# 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:<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 filure<br>• Refrigerator temperature visible even during powier failure<br>• Alarm contact available on control baord, remotable<br>• Additional programmable relays output available<br><br>Please refer to model MEDIKA 700 PT ECT-F PLUS |

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| **Solid type door** |
| **Additional wire shelf kit** |
| **St. steel wire shelf kit** |
| **Rack 140x420x150H mm (max 3 per each shelf)** |
| **Castors kit with brakes** |
| **Internal Socket (no.1)** |
| **35 mm access port with stopper** |
| **Port hole mm 15** |
| **Humidity sensor** |
| **PT100 sensor with free contacts** |
| **Mains voltage stabilizer** |
| **Non-standard plug and cable** |
| **Power 220V/60Hz** |
| **Power 115V/60Hz** |
| **Wooden crate package** |