# Fiocche E COLD MANUFACTURE

Intended use

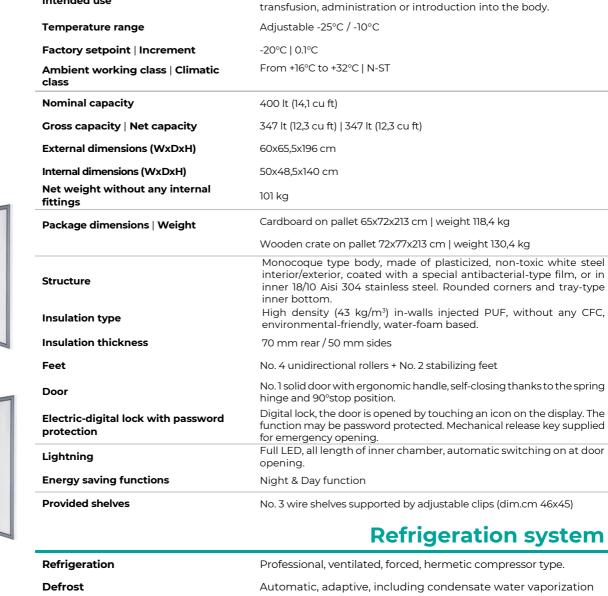
### Product technical data sheet

## **PLASMA-FREEZER 400 TOUCH**

Refrigerator intended to store blood, fluids or body tissues for

Cod. DMF0402 Medical Device EMDN Z121702

## **General features**



Refrigerant GWP | ODP

Natural R290

3|0

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

#### **Electronic controller**



TOUCH controller	
Electronic controller, FULL TOUCH SCREEN 7" display, resolution 0,1°C, easily readable from the distance, with a real time temperature graph and all operational data always available on the homepage.	
Integrated in user's interface	
Settable user password	
<ul> <li>Visual and acoustic for temperature alarms failures such as:</li> <li>Open door</li> <li>High temperature</li> <li>Low temperature</li> <li>Power failure</li> <li>Clogged condenser</li> <li>Any functional failure/faulty parts</li> </ul>	
Visual, acoustic alarm and fully independent recording system, with accuracy 0,1 °C thanks to the PTI00 probes used for temperature detection. DMLP will take over alarming function when installed as integrated module on the Ect-f Touch controller board. The module is fed by standard rechargeable batteries (power failure alarm batteries included) to register temperatures and events even in case of power outage.	
Full recording of 10 years data (temperature and alarms), even in case of power failure, on SD card and 1 year on flash memory, with download from USB port. Latest 32 events displayed on the screen.	
Yes	
NTC type probes for controller board + PT100 for DMLP monitor board PT100 product temperature simulation probe	
Phot product temperature simulation probe	
Included, to prevent overheating	

#### **Electrical and functional data**

Standard power supply	230V/1ph/50Hz
Standard plug type	Schuko type "G"
Compressor protection	Overload Protector included
Power absorption/current	kW 0,32 (Amp 2,3)
Inrush current	Amp 5
Noise level	<45 dBA
Heat emission according to EN 12900	W 187
Hold over time at 20°C ambient (air)	1,8 h (from -20°C to 0°C)
Energy consumption at 20°C ambient	4,5 kWh/24h



Directives and regulations

Available certificate

**Application environment** 

Directive 93/42/EEC and following and subsequent modifications and integrations, Class II annex IX, with conformity to the transitional provisions to Regulation (EU) (EU) 2017/745 and (EU) 2023/607 Directive 2011/65/EC (ROHS II) Directive 2015/863/ EC (ROHS III) Directive 2012/19/EC (RAEE) Regulation (EU) 517-2014 (F-gas) Regulation (EU) 1907-2006\_REACH

MDD CE

Non-flammable, non-explosive, non-corrosive, with adequate air exchange  $% \left( {{{\left[ {{{\rm{n}}} \right]}_{{\rm{n}}}}_{{\rm{n}}}} \right)$ 

## Accessories available on request

GSM module	Plug-in module to notify on mobile phones, via sms, overall monitoring, alarms and failures of the refrigerator
Converter module type 4-20mA	(this accessory excludes the installation of the GSM module)
Wi-Fi module	Plug-in module to connect to, monitor and manage the refrigerator wirelessly
FIOCCHETTI COLD EYES cloud monitoring	Annual monitoring service, Cloud based, featuring the notification of alarms and failures from pc thanks to a dedicated app, including SMS messages and emails, also allowing the full download of recorded data.
FIOCCHETTI LAN SUPERVISOR	Monitoring system allowing the supervision of one or several refrigerators thanks to the access to historical data and to present equipment status. It allows the creation and export of temperature graphs of selected periods or of specific hours. A single license enables the connection of up to 100 refrigerators installed in the same building and connected to the same net (e.g., a hospital).
Additional wire shelf kit	
Extractible drawer on telescopic slides	
Extractible drawer without inner dividers on telescopic slides	
Plexiglas front panel for extractible drawer	
St. steel wire shelf kit	
St. steel wire drawer on telescopic slides	
Lockable drawer for narcotics H mm 100	
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	
PTI00 sensor with free contacts	
Mains voltage stabilizer	
Non-standard plug and cable	
Power 220V/60Hz	
Power 115V/60Hz	
Wooden crate package	