Fiochetti

Product technical data sheet

TER 140 ECT-F TOUCH

Cod. TER0142







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

GWP | ODP

	General features	
Temperature range	Adjustable +15°C / +30°C	
Factory setpoint Increment	+22°C 0.1°C	
Ambient working class Climatic class	From +16°C to +38°C N-ST	
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)	52x63,5x93,5 cm	
Internal dimensions (WxDxH)	44x51,6x56 cm	
Net weight without any internal fittings	51 kg	
Package dimensions Weight	Cardboard on pallet 55x69x113 cm weight 59,5 kg	
	Wooden crate on pallet 60x77x124 cm weight 70,5 kg	
Structure	Monocoque type body, 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.	
Energy saving functions	Night & Day function	
Internal fittings	 Customizable and height adjustable, it can mix independently: wire shelves supported by adjustable clips (dim.cm.49x40) 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 vaporization	
Refrigerant	Natural R290	

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Electronic controller



Data export

Controller	TOUCH controller	
Type of 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.	
Power switch	Integrated in user's interface	
Security features	Settable user password	
Alarm system Data and event recording	 Visual and acoustic for temperature alarms failures such as: Open door High temperature Low temperature Power failure, signaled when power is back. Clogged condenser Any functional failure/faulty parts Latest 32 events displayed, 10 years data recorded on SD card and 1 year on flash memory, downloadable from USB port 	
Settable temperature limits alarms	Yes	
Control sensors	NTC type probes for controller board + PTI00 for DMLP monitor board (optional)	
Safety thermostat	Included, to prevent freezing and overheating	
Connectivity for remote alarms transmission	Set-up on the electronic controller board, can be remoted on request. Modbus TCP/IP protocol available for data reading	
Temperature recording	Full recording of temperatures and alarms data	

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 0,14 (Amp 0,9)	
Inrush current	Amp 2,5	
Noise level	<40 dBA	
Heat emission according to EN 12900	W 20	
Energy consumption at 20°C ambient	0,5 kWh/24h	

USB, SD and RJ45.



	compliancy
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

Accessories available on request

Visual and accustic alarm for power failure No.5 rechargeable batteries, AA, Ni-MH type, environmental intendity and easily rolocable, to food power failure alarm External contacts (Ethernet+ potential free) terminal board Digital lock, the door is opened by touching an icon on the display. The function may be possword protected. Mechanical release key supplied for emergency opening. Effective-digital lock with password protection Digital lock, the door is opened by touching an icon on the display. The function may be possword protected. Mechanical release key supplied for emergency opening. GSM module (including buffer batteries) Plug-in module to notify on mobile phones, we are, overall mentoting, altering and database and supplication of the GSM module (to including contacts terminal board) Wi-Fi module Plug-in module to connect to, monitor and manage the refrigerator Wi-Fi module Plug-in module to connect to, monitor and manage the refrigerator DMLP TOUCH Digital Monitor Plug-in module to connect to, monitor and manage the refrigerator Plug-in module to connect to, monitor and manage the refrigerator Convert and alterna of tallures and manage the refrigerator Plug-D TOUCH Digital Monitor Plug-in module to connect to, monitor and manage the refrigerator Plug-D TOUCH Digital Monitor Annual monitoring service, Cloud based, featuring the notification of alterna and failures items power lature alterna to the secone to based on the SD card, through which data. Plug-D Forbus D Plug-D P	Glass door		
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