General features

Temperature range	Adjustable -25°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	700 lt (24,7 cu ft)
**Gross capacity	Net capacity**	620 lt (21,9 cu ft)	620 lt (21,9 cu ft)
External dimensions (W X D x H)	75 x 85,5 x 210 cm
Internal dimensions (W x D x H)	60 x 68,5 x 150 cm
Net weight without any internal fittings	134 kg

**Package dimensions	Weight**	Cardboard on pallet 77 x 90 x 214 cm	weight 151 kg
	Wooden crate on pallet 84 x 94 x 214 cm	weight 164 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, environmental-friendly, water-foam based.
Insulation thickness	75 mm
Feet	No.4 adjustable feet
Door	No.1 solid door with ergonomic handle all door length, 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 56x65) • fully extractible drawers made of aluminium, with dividers (WxDxH): cm 15x60x7,5 (nr 3 compartments) • fully extractible drawers made of aluminium, without dividers (WxDxH): cm 49x60x7,5 • st. steel wire basket on telescopic slides (WxDxH): cm 53,8x63x14,8 • st. steel wire drawers on telescopic slides (WxDxH): cm 53,8x60,5x6,2 • st. steel wire shelves supported by adjustable clips (dim.cm.56x66)
Suggested internal fittings	No. 3 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

Controller	Controllore 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 • High temperature • High temperature caused by power failure. • Low temperature • Power failure (when the energy returns, only in event of High Temperature) • Clogged condenser • Any functional failure/faulty parts
Data and event recording	Last 12 events available on the display
Settable temperature limits alarms	Yes, through parameter adjustment
Control sensors	NTC type probes

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 0,35 (Amp 2,5)
Inrush current	Amp 7
Noise level	<55 Dba
Heat emission according to EN 12900	W 208
Hold over time at 20°C ambient (air)	2,4 h (from -20°C to 0°C)
Energy consumption at 20°C ambient	5 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

Accessories available on request

Lock with key

ECT-F PLUS controller

Evolution of ECT-F control® controller, including following additional features:

- Backup batteries for power failure alarm, up to 48 Hrs
- Min and Max temperature log, manually resettable
- High temperature alarm during power failure
- Refrigerator temperature visible even during power failure
- Alarm contact available on control board, remotable
- Additional programmable relays output available

Please refer to model FREEZER 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

Castors kit with brakes

35 mm access port with stopper

Port hole mm 15

PT100 sensor with free contacts

Mains voltage stabilizer

Non-standard plug and cable

Power 220V/60Hz

Power 115V/60Hz

Wooden crate package