

Model : _____
 Name : _____
 Project Name : _____
 Project Area : _____
 Project Item : _____



Laboratory cold storage - Freezing -25°C - EVO Line

Model: LPF-600

Reference	19111102
Dimensions (mm)	695 x 860 x 2037
Gross internal volume (L)	545
Number of shelves	5
Temperature	-26 -10 °C

General features

Effimed Laboratory Freezers - EVO Line

Effimed laboratory freezers are designed to offer **precision, safety, and efficiency** in the storage of sensitive products. They comply with the most demanding international standards.

The EVO line additionally adds a 12-hour battery to maintain alarms, probes, and temperature recording + a power failure alarm.

Design and Construction

- **White exterior** and **stainless steel interior**, durable and easy to clean.
- **Adjustable shelves** with metal grid and plastic finish.
- **Blind door with lock**, with the option to change the opening direction.
- **Wheels with brake** for easy mobility.
- **80 mm thermal insulation**, ensuring temperature stability.
- **15 mm hole** for external probes.

Technology and Functionality

- **Dynamic cooling system** for uniform temperature distribution.
- **Automatic defrost** to minimize maintenance.
- **Interior LED lighting**, automatically activated when the door is opened or via manual switch.
- Compatible with **clean gases (HC)**, environmentally friendly.
- **Climate class 4**, designed to operate in conditions up to 32 °C and 60% humidity.

Control and Safety

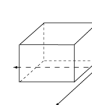
- **Memory and clock** in the controller, with integrated battery.
- **Visual and audible alarms** for out-of-range temperatures, open door, power loss (for 12 hours), or sensor errors.
- **Safety thermostat** to prevent drops below 2 °C.
- **Technological compatibility** with RS 485, potential-free contact, and WiFi connection.
- **Backup battery** connectable without SAT, with activation switch.
- **Screen with XL letter size** for easy reading.

Efficiency and Sustainability

- **Acoustic emissions <50 dB**, for quiet operation.
- **Energy rating B or A**, optimizing electrical consumption.

Options

- **Voltage:** 110/60 Hz and 220/60 Hz.
- **INOX shelves** and **INOX exterior finish**.
- **Pedal door opening** for greater convenience.
- **USB** for data download as an alternative to WiFi.



Packaging dimensions:
Gross length (Front view): 730 MM
Gross width (Depth): 880 MM
Gross height 2185 MM
Gross / packaged weight: 160 KG

MEASURES AND WEIGHT

Net High (mm):	2037
Net Depth (mm):	860
Net Width (mm):	695
Gross weight / packaged (kg):	160
Gross height / packaged (mm):	2185
Gross width / packaged (mm):	880
Gross length / packaged (mm):	730

PRODUCT SPECIFICATIONS MEDICAL

Wheels:	Yes
Lock:	Yes
Inner material:	Stainless steel
Number of bodies:	1
Plug type:	European (Type F)
Phases:	1N
Noise level (dB):	58
Market Scope:	European
Gross internal volume (L):	545
Shelf material:	Plastic-coated Steel
Reversible door L/R:	Yes
Ozone:	No
Number of shelves:	5
Inner height (mm):	1392
Inner width (mm):	533
Inner depth (mm):	683
External material:	Pre-lacquered sheet metal
Insulation thickness:	80
External probe access (number):	1
Sliding pull-out drawers:	No

COLD TECHNICAL SPECIFICATIONS MEDICAL

Gas type:	R-290
Refrigeration power (KW):	0,535
Condensation system:	Vent,
Lamp (W):	6
Temperature:	-26 -10 °C
SubFamilia:	CO2
Team:	Airtight
Cooling gas load (KG):	0,400
GWP:	3
Numero compartimentos:	Uno
Type of cooling:	Ventilated
Number of compressors:	1

ELECTRICITY TECHNICAL SPECIFIC. MEDICAL

Electric frequency:	50Hz
Electric power (KW):	0,471
Voltage:	230V
Amperage (A):	4,95 A

CONTROLLER SECURITY MEDICAL

High-low temperature alarm:	Yes
Power failure alarm:	No
Low battery alarm:	No
Probe failure alarm:	Yes
Door open alarm:	Yes
Battery back-up 72h:	Yes
USB port:	Yes
RS485:	Yes
Max and min temperature memory:	Yes
Power free contact:	Yes
Safety thermostat:	Yes
Data Logger:	No
WIFI connection:	No
Controller with password:	Yes
Touch screen:	Yes

ENERGY EFFICIENCY LABEL EURO MEDICAL

Climate class:	4
Clasif. Energy efficiency:	D
Power consumption 24h (KWH):	7,540

Related families



Perfect Line