

Model : \_\_\_\_\_  
Name : \_\_\_\_\_  
Project Name : \_\_\_\_\_  
Project Area : \_\_\_\_\_  
Project Item : \_\_\_\_\_



Laboratory cold storage - Refrigeration +2 / +8°C - EVO  
Line

**Model: LPR-600**

Reference	19110988
Dimensions (mm)	695 x 860 x 2037
Gross internal volume (L)	545
Number of shelves	5
Temperature	+2/+8°C

## General features

### Laboratory Refrigerators - EVO Line

Effimed presents refrigerators designed to ensure **precision, safety, and efficiency** in the storage of sensitive products, complying with the most demanding international standards.

#### Temperature

- Temperature maintenance according to DIN 13277 standard.

#### Design and Construction

- White exterior** and **stainless steel interior**, durable, easy to clean, with **adjustable shelves** made of metal grid with plastic finish.
- Double glass door** with low emissions, security lock, stainless steel handles, and option to change opening direction.
- Wheels with brake** and **insulation up to 75mm** ensuring thermal stability.
- 15 mm hole** for external probes, ideal for additional monitoring.

#### Technology and Functionality

- Uniform cold distribution with **automatic defrost** and **defrost water evaporation**.
- Interior LED lighting**, automatically activated when the door is opened or via manual switch.
- Designed for environments up to **32 °C** and **60% humidity** (Climate class 4).

#### Control and Safety

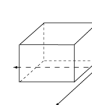
- Visual and audible alarms** for out-of-range temperatures, open door, or sensor errors, with power loss notification for 12 hours.
- Safety thermostat** to prevent drops below 2 °C.
- XL letter display**, **WiFi** connectivity, RS 485, and potential-free contact.
- Backup battery**, connectable without SAT and with activation switch.

#### Efficiency and Sustainability

- Quiet operation** with acoustic emissions <50 dB.
- Energy rating B or A** depending on the model.

#### Options

- Voltage: **110/60 Hz** and **220/60 Hz**.
- Solid door**, shelves, and exterior finish in INOX.
- Door opening by pedal.
- USB or WiFi** for data download according to user needs.



Packaging dimensions:  
Gross length (Front view): 760 MM  
Gross width (Depth): 870 MM  
Gross height 2060 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):	2060
Gross width / packaged (mm):	870
Gross length / packaged (mm):	760

#### 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):	0
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):	1516
Inner width (mm):	533
Inner depth (mm):	680
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-600a
Refrigeration power (KW):	0,361
Condensation system:	Vent,
Lamp (W):	6
Temperature:	+2/+8°C
SubFamilia:	CO2
Team:	Airtight
Cooling gas load (KG):	0,098
GWP:	3
Numero compartimentos:	Uno
Type of cooling:	Ventilated
Number of compressors:	1

#### ELECTRICITY TECHNICAL SPECIFIC. MEDICAL

Electric frequency:	50Hz
Electric power (KW):	0,183
Voltage:	230V
Amperage (A):	1 A

#### CONTROLLER SECURITY MEDICAL

High-low temperature alarm:	Yes
Power failure alarm:	Yes
Low battery alarm:	Yes
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:	C
Power consumption 24h (KWH):	2,450

#### Related families



Perfect Line