

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



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

**Model: LR-350**

Reference	19108378
Dimensions (mm)	490 x 716 x 2005
Gross internal volume (L)	320
Number of shelves	5
Temperature	+2 +8 °C

## General features

### Laboratory Refrigerators - Perfect 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, and 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** for mobility.
- **Up to 75 mm insulation** 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 with up to **32 °C and 60% humidity** (Climate class 4).

#### Control and Safety

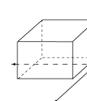
- **XL letter controller** and with **visual and audible alarms** for out-of-range temperatures, open door, or sensor errors.
- **Safety thermostat** to prevent drops below 2 °C.
- Compatibility with **RS 485** and potential-free contact for integration with external systems.

#### Efficiency and Sustainability

- **Silent operation** with acoustic emissions <50 dB.
- **Energy rating B or A**, optimizing electrical consumption and respecting the environment.

#### Options

- Voltage: **110/60 Hz and 220/60 Hz**.
- Solid door as an alternative to glass.
- **Shelves and exterior finish in INOX**.
- Pedal door opening.
- **USB or WiFi** for data download according to user needs.



Packaging dimensions:  
 Gross length (Front view): 770 MM  
 Gross width (Depth): 565 MM  
 Gross height 2100 MM  
 Gross / packaged weight: 115 KG

**MEASURES AND WEIGHT**

Net High (mm):	2005
Net Depth (mm):	716
Net Width (mm):	490
Gross weight / packaged (kg):	115
Gross height / packaged (mm):	2100
Gross width / packaged (mm):	565
Gross length / packaged (mm):	770

**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):	54
Market Scope:	European
Gross internal volume (L):	320
Shelf material:	Plastic-coated Steel
Reversible door L/R:	Yes
Ozone:	No
Number of shelves:	5
Inner height (mm):	1516
Inner width (mm):	382
Inner depth (mm):	560
External material:	Pre-lacquered sheet metal
Insulation thickness:	50
External probe access (number):	1
Sliding pull-out drawers:	No

**COLD TECHNICAL SPECIFICATIONS MEDICAL**

Gas type:	R-600a
Refrigeration power (KW):	0,296
Condensation system:	Vent,
Lamp (W):	5
Temperature:	+2 +8 °C
SubFamilia:	CO2
Team:	Airtight
Cooling gas load (KG):	0,100
GWP:	3
Numero compartimentos:	Uno
Type of cooling:	Ventilated
Number of compressors:	1

**ELECTRICITY TECHNICAL SPECIFIC. MEDICAL**

Electric frequency:	50Hz
Electric power (KW):	0,209
Voltage:	230V
Amperage (A):	1A

**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:	No
USB port:	No
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:	No

**ENERGY EFFICIENCY LABEL EURO MEDICAL**

Climate class:	4
Clasif. Energy efficiency:	D
Power consumption 24h (KWH):	2,500

**Related families**



Perfect Line



EVO Line



EVO Line



EVO Line