effimed

Laboratory cold storage - Refrigeration +2 / +8°C - Perfect Line
Model LR-600

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Model: LR-600

Reference	19108379
Dimensions (mm)	695 x 860 x 2037
Gross internal volume (L)	545
Number of shelves	5
Termperature	+2/+8ºC

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.

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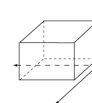
Packaging dimensions:
Gross length (Front view): 760 MM
Gross width (Depth): 870 MM
Gross height 2060 MM
Gross / packaged weight: 160 KG

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
Termperature:	+2/+8ºC
SubFamilia:	CO2
Team:	Airtight
Cooling gas load (KG):	0,098
GWP:	3
Numero compartimientos:	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:	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:	Yes

ENERGY EFFICIENCY LABEL EURO MEDICAL

Climate class:	4
Clasif. Energy efficiency:	C
Power consumption 24h (KWH):	2,450

860

695

A

2037

670

1392

529

A

CORTE A-A
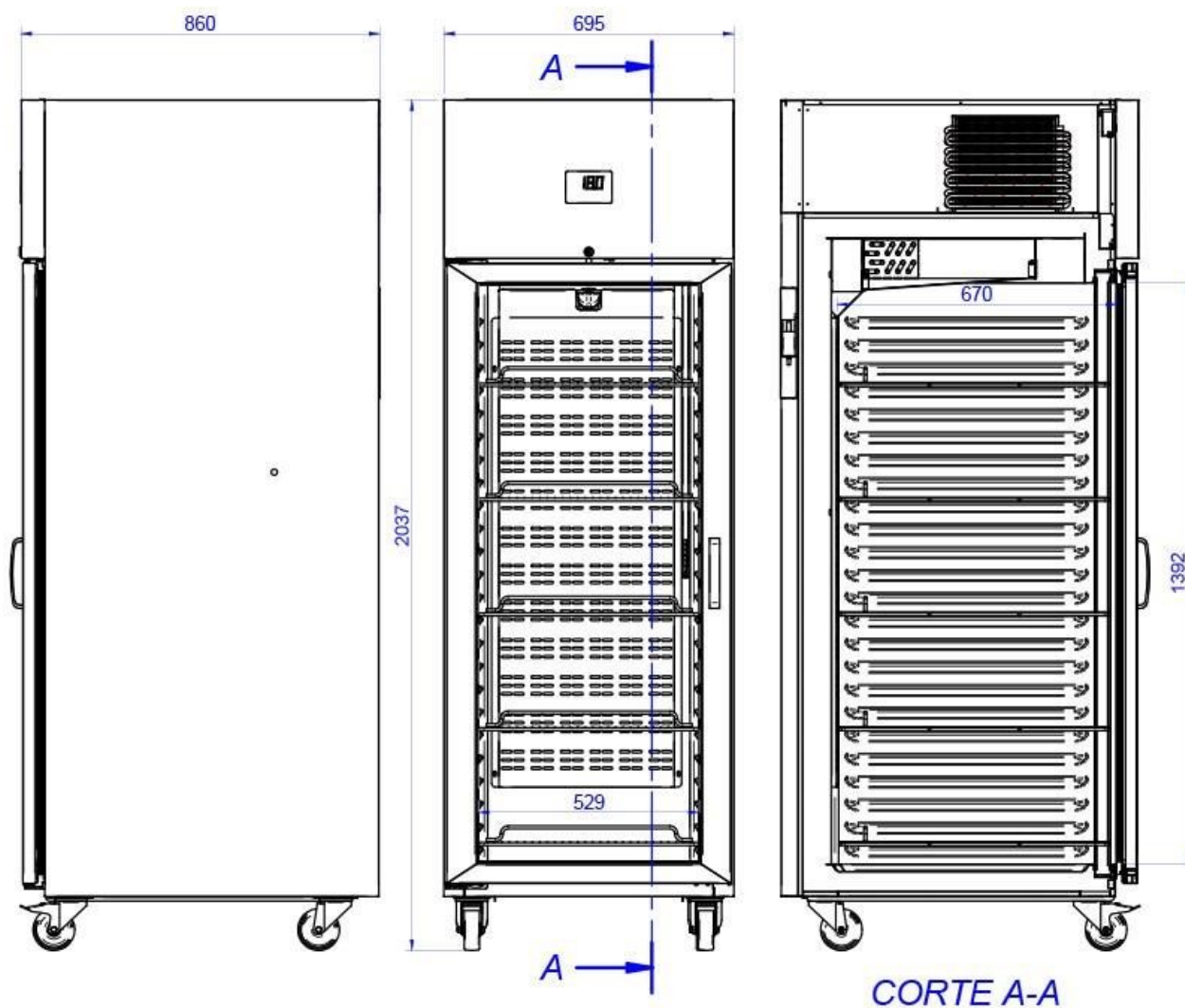
Related families

Perfect Line

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