# effimed

Laboratory cold storage - Refrigeration +2 / +8°C - Perfect Line
**Model LR-1300**

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## Model: LR-1300

| Reference | 19106987 |
|---|---|
| Dimensions (mm) | 1388 x 846 x 2008 |
| Gross internal volume (L) | 1340 |
| Number of shelves | 10 |
| Termperature | +2 +8 ºC |

## 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.
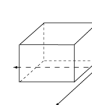
**Efficiency and Sustainability**

- **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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**effimed**

Packaging dimensions:
Gross length (Front view): 1430 MM
Gross width (Depth): 885 MM
Gross height 2027 MM
Gross / packaged weight: 230 KG

### MEASURES AND WEIGHT

| | |
|---|---|
| Net High (mm): | 2008 |
| Net Depth (mm): | 846 |
| Net Width (mm): | 1388 |
| Gross weight / packaged (kg): | 230 |
| Gross height / packaged (mm): | 2027 |
| Gross width / packaged (mm): | 885 |
| Gross length / packaged (mm): | 1430 |

### PRODUCT SPECIFICATIONS MEDICAL

| | |
|---|---|
| Wheels: | Yes |
| Lock: | Yes |
| Inner material: | Stainless steel |
| Plug type: | European (Type F) |
| Phases: | 1N |
| Noise level (dB): | 54 |
| Market Scope: | European |
| Gross internal volume (L): | 1340 |
| Shelf material: | Plastic-coated Steel |
| Reversible door L/R: | Yes |
| Ozone: | No |
| Number of shelves: | 10 |
| Inner height (mm): | 1516 |
| Inner width (mm): | 1283 |
| Inner depth (mm): | 689 |
| External material: | Laminated sheet |
| Insulation thickness: | 50 |
| External probe access (number): | 1 |
| Sliding pull-out drawers: | No |

### COLD TECHNICAL SPECIFICATIONS MEDICAL

| | |
|---|---|
| Gas type: | R-290 |
| Refrigeration power (KW): | 0,593 |
| Condensation system: | Vent, |
| Lamp (W): | 12 |
| Termperature: | +2 +8 ºC |
| SubFamilia: | $CO_2$ |
| Team: | Airtight |
| Cooling gas load (KG): | 0,080 |
| GWP: | 3 |
| Numero compartimientos: | Uno |
| Type of cooling: | Ventilated |
| Number of compressors: | 1 |

### ELECTRICITY TECHNICAL SPECIFIC. MEDICAL

| | |
|---|---|
| Electric frequency: | 50Hz |
| Electric power (KW): | 0,337 |
| Voltage: | 230V |
| Amperage (A): | 2,1 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: | No |
| Max and min temperature memory: | Yes |
| Power free contact: | No |
| 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: | E |
| Power consumption 24h (KWH): | 4,590 |

**Related families**

Perfect Line

EVO Line

EVO Line

EVO Line