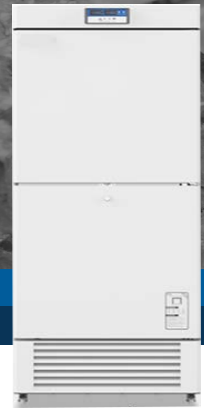


LSRP-F-16

16 Cubic Ft. Laboratory Freezer



Temperature Range (°C)

-10 to -25

Exterior w x d x h (in)

31.9 x 28.9 x 77.2

Interior w x d x h (in)

(25.6x22.4x24.7) x 2

Capacity (Cu.ft)

16

Weight (lbs)

300

Under-counter Laboratory Freezer

Multiple Alarms Ensure Safety of Storage

The freezer includes audible & visual alarm functions, such as a high temperature/low temperature alarms, door ajar alarm, and sensor failure alarm to guarantee security of samples in a comprehensive way.

High-precision Temperature Control

The high-precision computerized temperature control system ensures an adjustable temperature within a range from -10 to -25°C inside the cabinet, and the high-definition digital temperature display has a display accuracy of 0.1 °C.

Insulation

The polyurethane insulated door delivers great thermal insulation to ensure a consistent internal temperature.

Dual Chamber

The separate chambers utilize separate compressors to control the temperature of each chamber individually.



High-precision Temperature Control

The high-precision microcomputer temperature control system enables users to set the temperature inside the cabinet within a range from -10°C to -25°C.



Temperature Datalogger

Datalogger can be set with a minimum storage interval of 1 minute and a maximum storage interval of 240 minutes. It can record 100,000 sets of data, and will overwrite the oldest data if logging past 100,000 sets.



Refrigeration System

- Equipped a high-efficiency air-cooled condenser and finned evaporator, ensuring fast and consistent refrigeration.
- The CFC-free polyurethane foam technology and the thick insulating layer improves the effect of thermal insulation.



Security

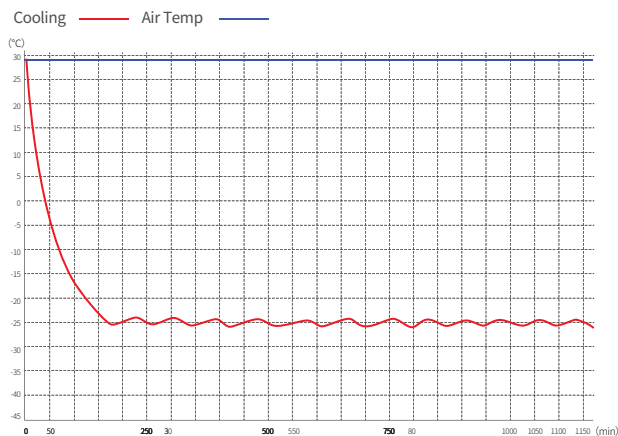
- Audible & visual alarm system makes it easy to notice when there is an issue.
- Equipped with high/low temperature, sensor failure, power failure, low battery, door ajar, and recorder failure alarms.
- The turn-on delay and stopping interval protection function ensure reliable operation.
- The door is equipped with a lock to ensure the security of your stored samples.



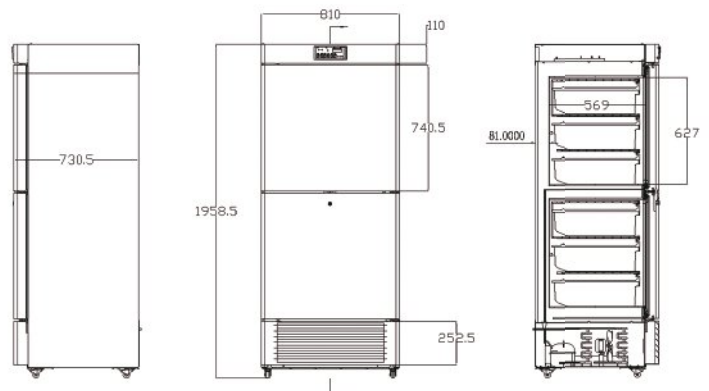
Human-oriented

- The arc angle-shaped door frame and cabinet design create an appealing design.
- The built-in door gasket is dust proof and easy to clean.
- Each of the chambers is equipped with 6 drawers, providing easy and convenient storage space.

Performance Data / Cooling Curve



External Dimension



Model

Cabinet Type	Upright
Capacity (Cu.Ft)	16
Internal Size (WxDxH) (inches)	(25.6x22.4x24.7) x 2
External Size (WxDxH) (inches)	31.9x28.9x77.2
Package Size (WxDxH) (inches)	38.8x32.3x80.1
NW/GW(Lbs)	300/326

Performance

Temperature Range (C°)	-10° ~ -25°
Ambient Temperature (C°)	16-32°
Controller	Microprocessor
Display	Digital Display

Refrigeration

Compressor	Double
Cooling Method	Direct Cooling
Defrost Mode	Manual
Refrigerant	R600a
Insulation Thickness(mm)	80

Construction

External Material	Powder coated material
Inner Material	Aluminum plate with spraying
Shelves	6 x 2 (ABS)
Door Lock with Key	Yes
Doors	2
Access Port	2pc. Ø 25 mm
Casters	4 (2 with brakes)
Data Logging	USB/Record every 10 minute / 2 years

Alarm

Temperature	High/Low temperature
Electrical	Power Failure, Low Battery
System	Door ajar, Sensor Failure, USB Datalog Failure, Recorder Failure, Main board communication error

Electrical

Power Supply(V/HZ)	115/60
Rated Current(A)	1.79

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