



Data Sheet
Glacier Series

GL-U-23M

-86°C Ultra Low Freezer

GL-U-23M

-86°C Ultra Low Temperature Freezer

GENERAL SPECIFICATIONS

Cabinet Type	Upright
Capacity	678L / 23.94 cu ft
Internal Size(W*D*H)	750*696*1286mm 29.52*27.40*50.62in
External Size(W*D*H)	1090*1025*1965mm 42.91*40.35*77.36in
Package Size(W*D*H)	1203*1155*2171mm 47.36*45.47*85.47in
NW/GW(Kgs)	330/382

PERFORMANCE

Temperature Range	-40 ~ -86 °C
Ambient Temperature	16 - 32°C
Climate Class	N
Cooling Performance	-86 °C
Controller	Microprocessor
Display	Touch screen

REFRIGERATION

Compressor	2pc
Cooling Method	Direct cooling
Defrost Mode	Manual
Refrigerant	Mixture gas
Insulation Thickness(mm)	130

CONSTRUCTION

External Material	High quality steel plates with spraying
Inner Material	Galvanized steel sheet
Shelves	3(stainless steel)
Door Lock with Key	Yes
External Lock	Yes
Access Port	3pcs. Ø 25 mm
Casters	4+(2 leveling feet)
Data Logging/Interval/Recording Time	USB/Record every 1 minute / 365 days
Backup Battery	Yes

ALARM

Temperature	High/Low temperature, High ambient temperature
Electrical	Power failure
System	Sensor error, Built-in datalogger USB failure, Main board communication error, Condenser cooling failure, Door ajar, Samples out of date, System failure

ELECTRICAL

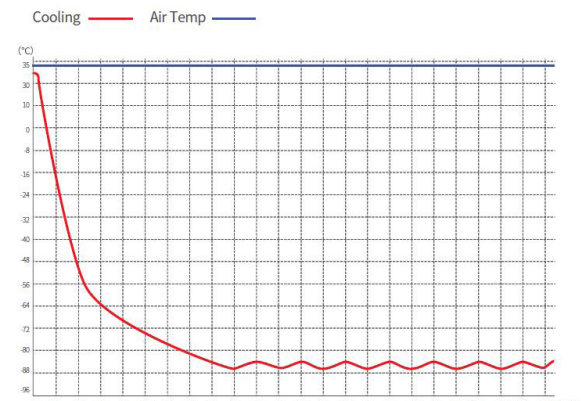
Power Supply(V/HZ)	110/60
Rated Power(W)	1143
Power Consumption(KWh/24h)	13.36
Rated Current(A)	11.38

OPTIONS ACCESSORY

System	Chart recorder, CO2 backup system, Printer. Remote alarm contact
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▶ Performance Data / Cooling Curve



▶ External Dimensions

