



Data Sheet
Glacier Series

GL-U-4M

-86°C Ultra Low Freezer



GL-U-4M

-86°C Ultra Low Temperature Freezer

GENERAL SPECIFICATIONS

Cabinet Type	Upright
Capacity	100L / 3.53 cu ft
Internal Size(W*D*H)	450*439*514mm 17.71*17.28*20.23in
External Size(W*D*H)	1066*742*820mm 41.96*29.21*32.28in
Package Size(W*D*H)	1200*863*991mm 47.24*33.97*39.01in
NW/GW	145/176 Kgs, 319/388 lbs

PERFORMANCE

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

REFRIGERATION

Compressor	1
Cooling Method	Direct cooling
Defrost Mode	Manual
Refrigerant	HC mixture gas
Insulation Thickness(mm)	115

CONSTRUCTION

External Material	Steel plates with spraying
Inner Material	304 stainless steel
Shelves	1 (Stainless steel)
Door Lock with Key	Yes
External Lock	Yes
Access Port	1pc. Ø 40 mm
Casters	4
Data Logging/Interval/Recording Time	USB/Record every 10 minute / 2 years
Backup Battery	Yes

ALARM

Temperature	High/Low temperature, High ambient temperature
Electrical	Power failure , Low battery
System	Sensor error, Condenser cooling failure Door ajar Recorder error, Main board communication error

ELECTRICAL

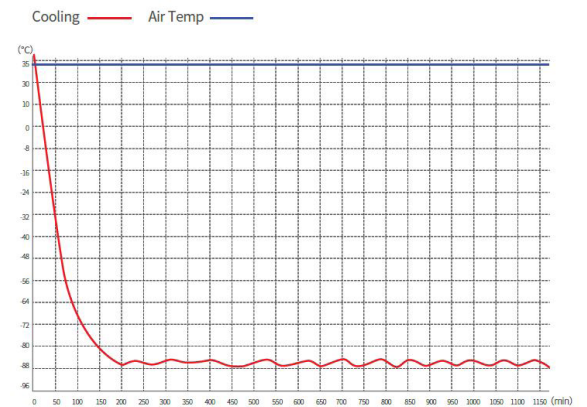
Power Supply(V/HZ)	220/60, 110/60
Rated Current(A)	12.3
Telecom contact	RS 485
Remote alarm contact	DC 30V 2A

OPTIONS ACCESSORY

System	Chart recorder, CO2 backup system, Printer, RS485
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▶ Performance Data / Cooling Curve



▶ External Dimensions

