



Data Sheet  
Glacier Series

**GL-U-2M**

-86°C Ultra Low Freezer



## GL-U-2M

-86°C Ultra Low Temperature Freezer

### GENERAL SPECIFICATIONS

Cabinet Type	Upright
Capacity	50L / 1.76 cu ft
Internal Size(W*D*H)	305*425*430mm 12.00*16.73*16.92in
External Size(W*D*H)	953*688*757mm 37.51*27.08*29.80in
Package Size(W*D*H)	1110*834*931mm 43.70*32.83*36.65in
NW/GW(Kgs)	104/122

### 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	Mixture gas
Insulation Thickness(mm)	110

### CONSTRUCTION

External Material	Steel plates with spraying
Inner Material	Galvanized steel sheet
Shelves	1 (Stainless steel)
Door Lock with Key	Yes
External Lock	Yes
Access Port	1pc. Ø 25 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

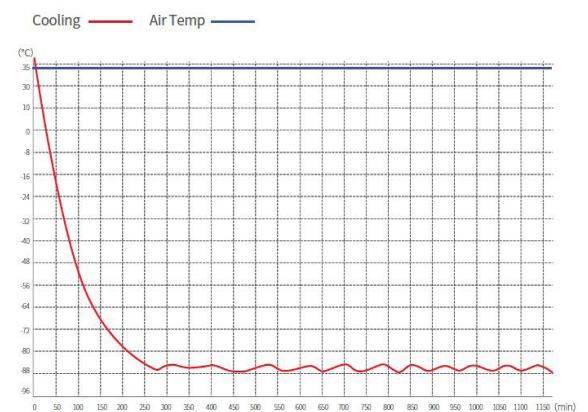
Power Supply(V/HZ)	110/60
Rated Power(W)	757
Input Power(W)	1000
Power Consumption(KWh/24h)	8.71
Rated Current(A)	9.09

### OPTIONS ACCESSORY

System	Chart recorder, CO2 backup system, Printer, RS485, RS232, Remote alarm contact
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#### ▶ Performance Data / Cooling Curve



#### ▶ External Dimensions

