



Data Sheet
Glacier Series

GL-U-7M

-86°C Ultra Low Freezer

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-86°C Ultra Low Temperature Freezer

GENERAL SPECIFICATIONS

Cabinet Type	Upright
Capacity	218L / 7.69 CuFt
Internal Size(W*D*H)	470*580*767mm 18.5*22.8*30.1in
External Size(W*D*H)	840*985*1568mm 33.0*38.7*61.7in
Package Size(W*D*H)	1098*988*1761mm 43.2*38.8*69.3in
NW/GW(Kgs)	218/235

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)	155

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	1
Casters	4
Data Logging/Interval/Recording Time	Printer/Record every 20 minute / 7 days
Backup Battery	Yes

ALARM

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

ELECTRICAL

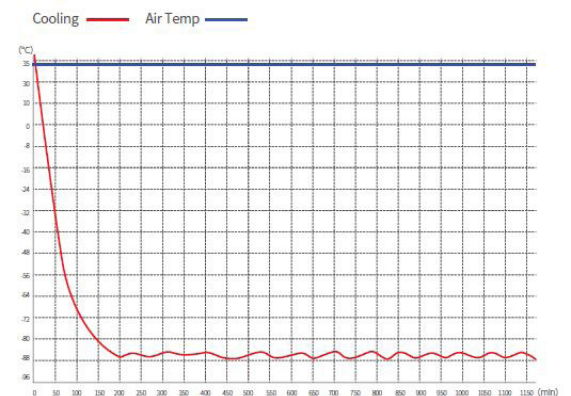
Power Supply(V/Hz)	110/60
Power(W)	900
Rated Current(A)	7.9

OPTIONS ACCESSORY

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



▶ External Dimensions

