

Biomedical Freezer

DW-XL668

Our top-of-the-line biomedical freezer is designed to meet a wide range of sample storage needs with hydrocarbon refrigerant and fast cooling capabilities. It offers an unparalleled ergonomic design and ideal for the storage of a wide variety of samples including enzymes, biologics, Plasma and medicines.



Temp. Uniformity



Pulling down to -30°C



Peak variance

**Test Under Energy Star standard (Laboratory Grade Freezer)*

Features



Golden-dimension cabinet

The 860mm(33.8") pass-through dimension and 180° maximum door opening angle make it incredibly easy to maneuver samples in and out.



Count-on controller

The Built-in data logger can automatically or manually query, record and download up to 12 months of temperature graphic and recorded temperature data, °C/°F switchable.



Environment-friendly

HC refrigerant complies with SNAP(from USA) and F Gas(from EU). Energy consumption meet for energy star (Lab grade Freezer) standard



Sample-safeguard system

Standard overcurrent protector ensures electricity security. With 10 audible and visual alarms, the sample storage is well-protected. The alarm system is still functional for over 48 hours with the backup battery.

Structure

Temp. Max./Min
Display accuracy of 0.1°C



Access port

Adjustable wire shelves

Heavy duty casters with leveling feet

Overhanging LED

TPE double door seal

Ergonomic design handle

Heated vacuum relief port



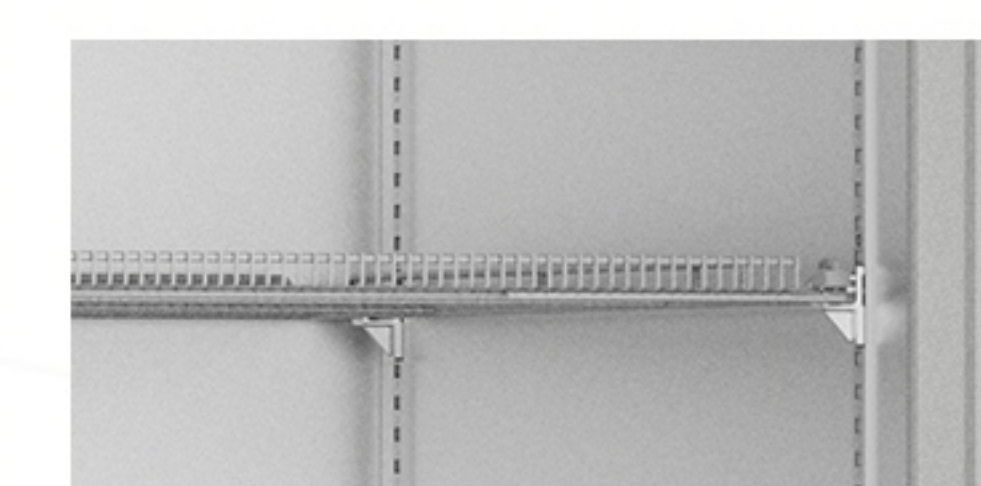
Digital LED Display

Temp. Max./Min
Display accuracy of 0.1°C



Overhanging LED Light

Provide ultimate convenience while checking stored samples in dimly lit environments



Adjustable wire shelves

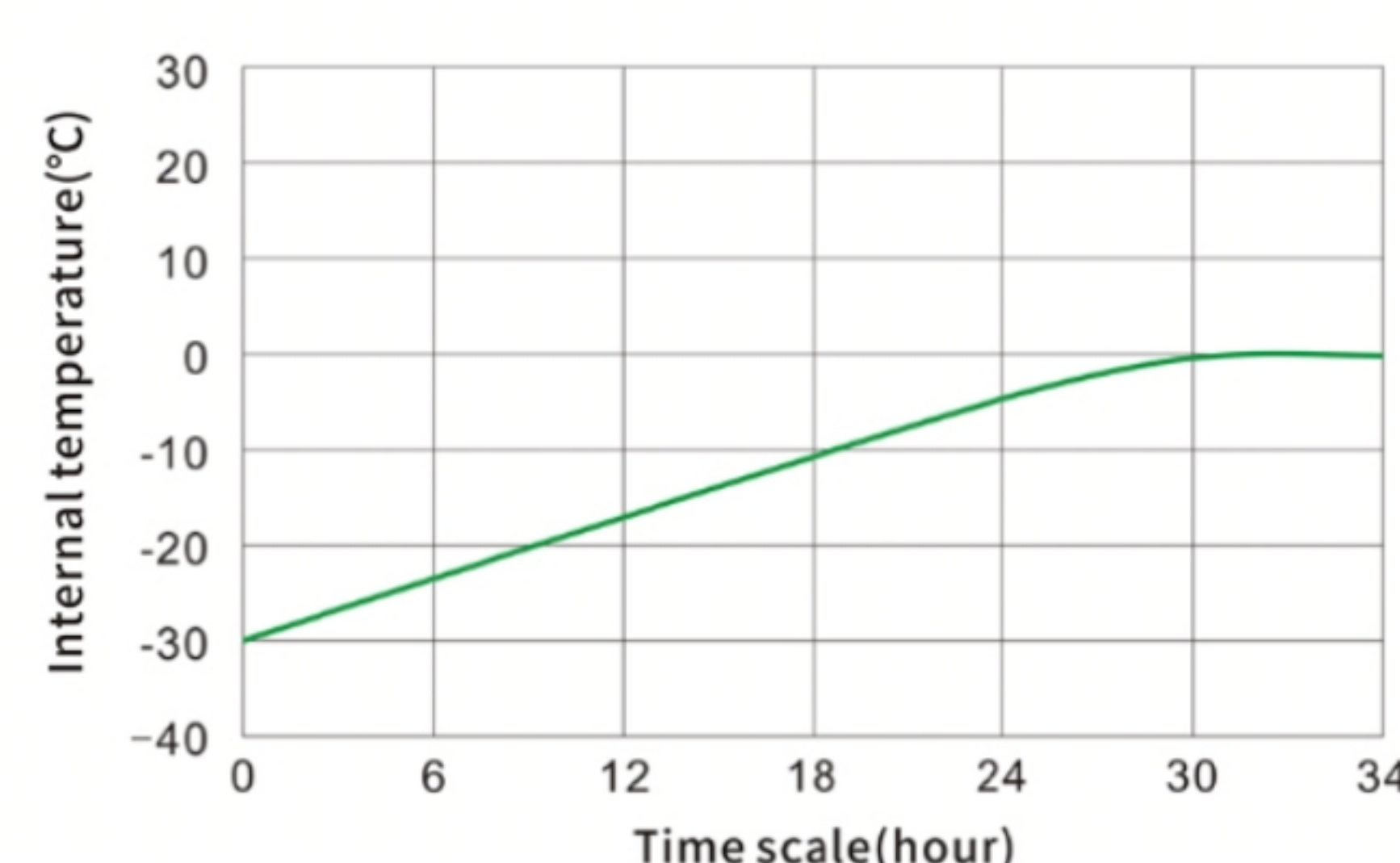
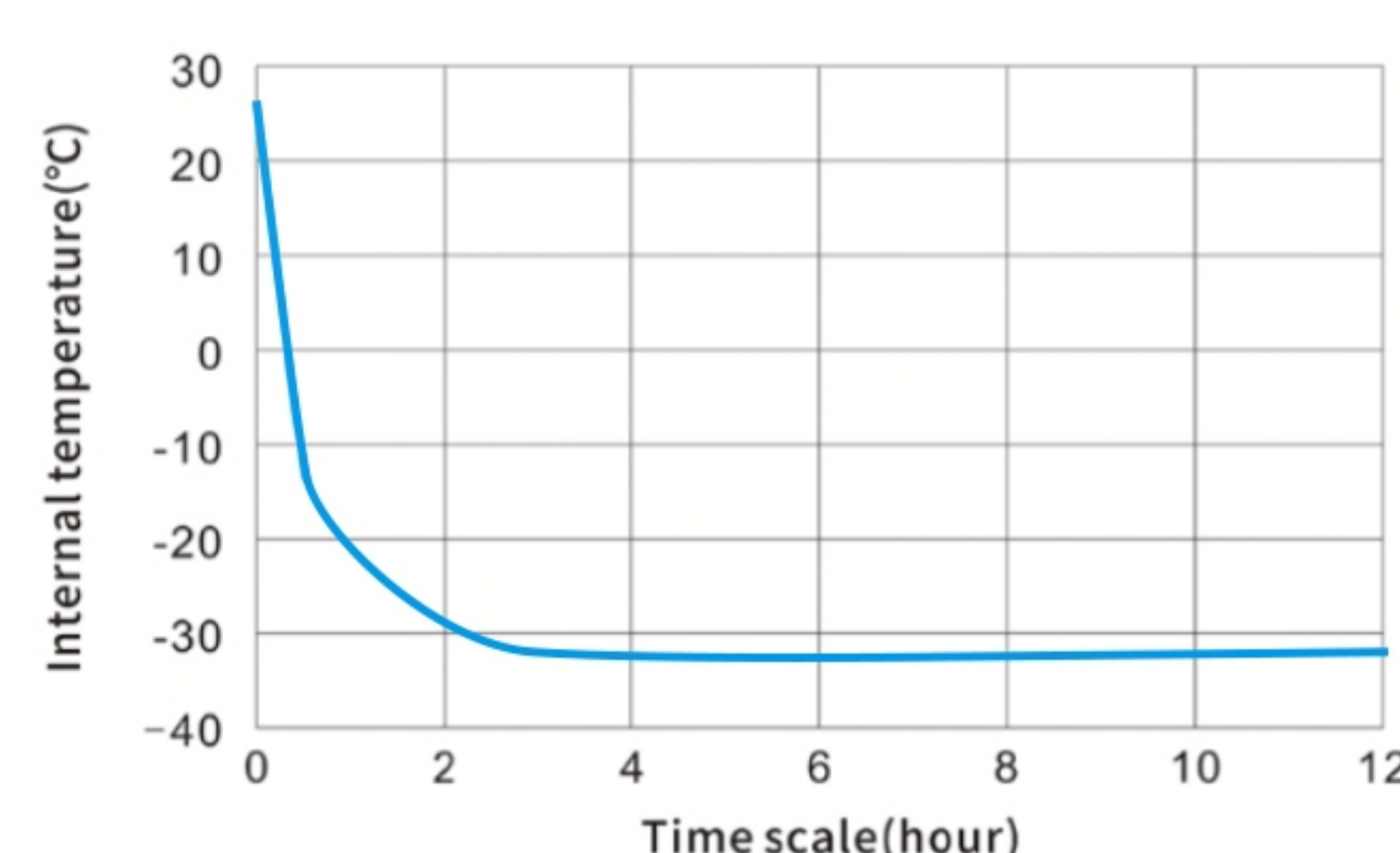
Four standard adjustable wire shelves with maximum loading capacity of 45kg



Ergonomic design handle

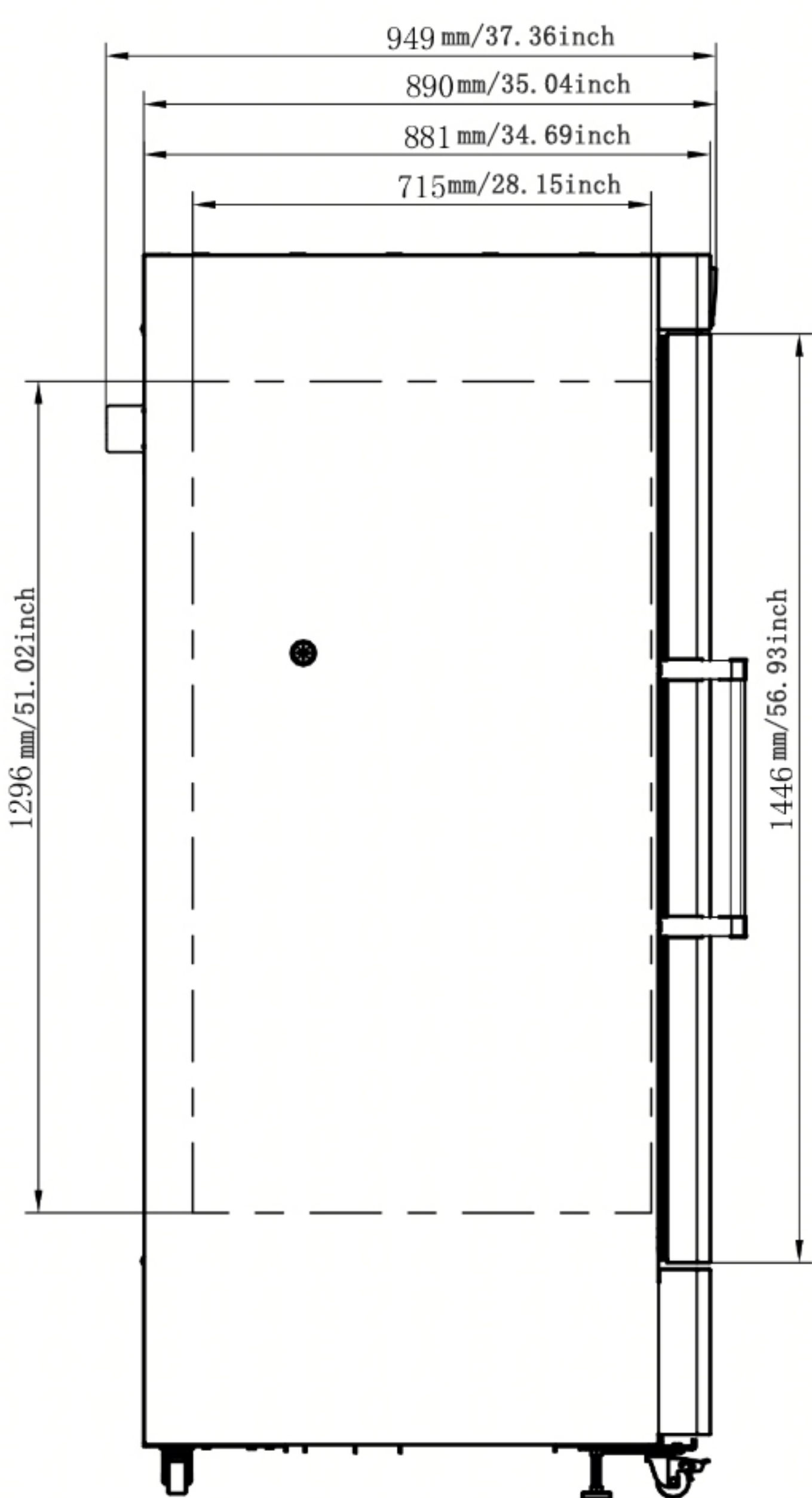
Panted handle in ergonomic specially designed can help door open extremely gently and smoothly

Performance curve graph

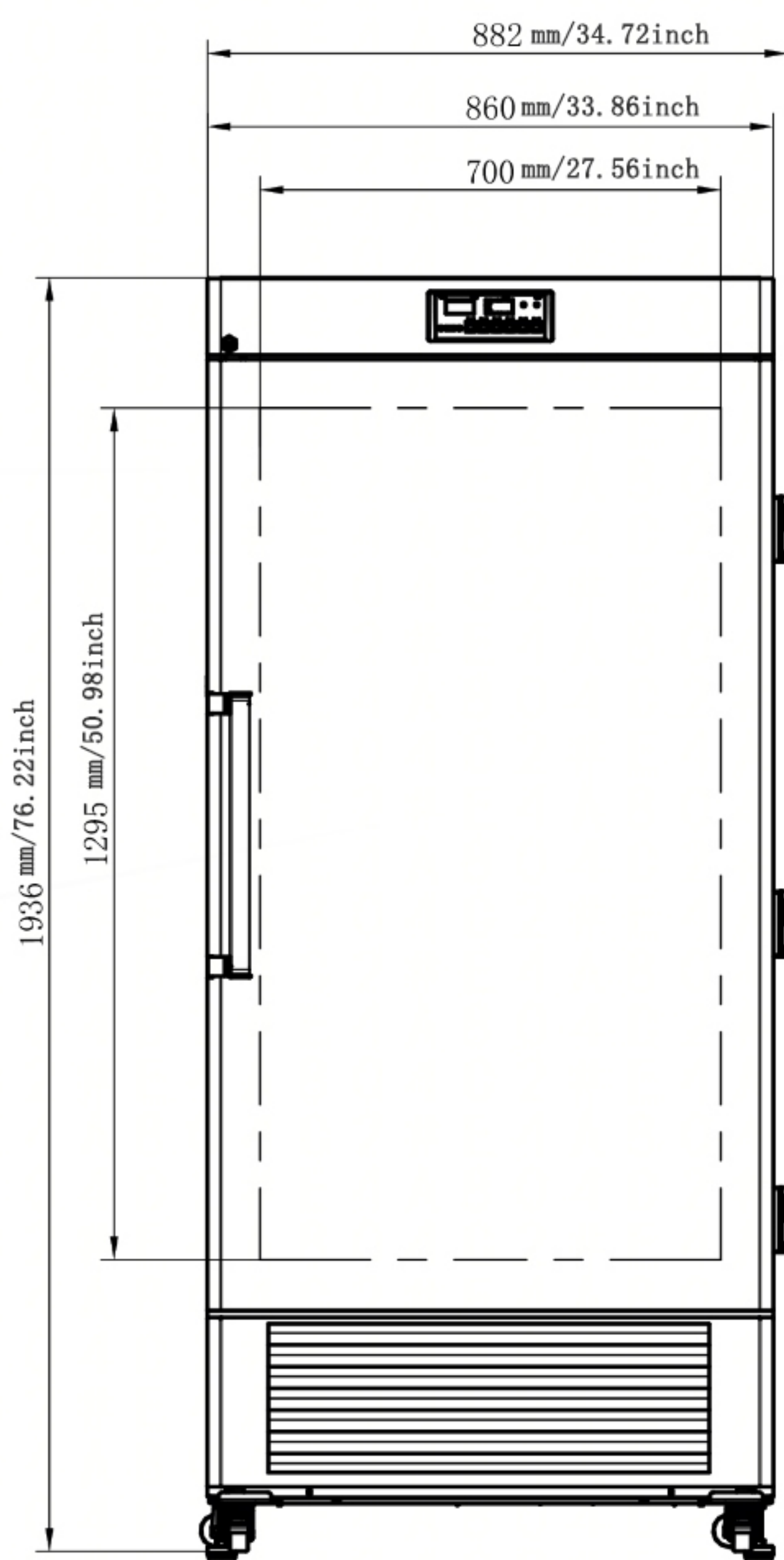


— Pull-down
— Pull-up

● Specification



Front View



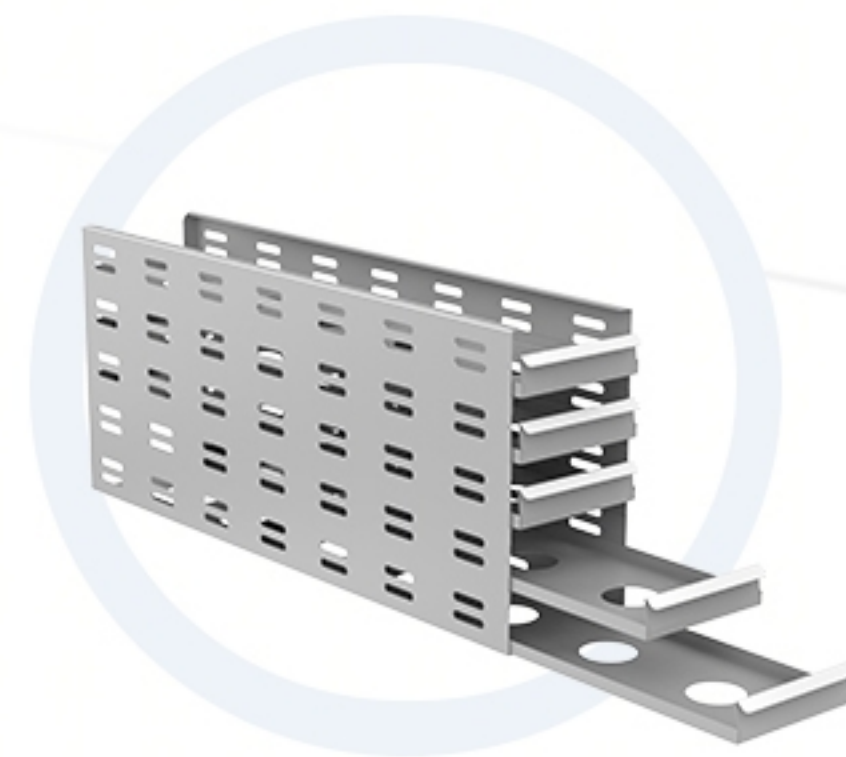
● Options



Inkless Chart Recorder
Factory pre-setting , auto-
matically recording data
curve



Freezing Box
2-inch freezing box, can
hold 9*9 or 10*10 freez-
ing tubes



Freezing Rack
304 stainless steel side
access freezing rack, could
hold 5*5 freezing box

-15~-30°C Freezer	
Model	DW-XL668
Capacity	668L/23.6Cu.Ft.
Internal Size (W*D*H) mm/inch	700*715*1296/27.6*28.1*51.0
External Size (W*D*H) mm/inch	883*890*1936/34.5*35.0*76.2
Package Size (W*D*H) mm/Inch	938*1018*2086/36.9*40.0*82.1
NW/GW (kgs)	154/193
Performance	
Temperature Range	-15~-30°C
Ambient Temperature	16~32°C
Climate Class	N
Controller	Microprocessor
Display	Digital Display
Noise	51.7dB(A)
Refrigeration	
Compressor	1pc
Cooling Method	Direct Cooling
Defrost Mode	Manual
Refrigerants	R290/150g
Insulation Thickness(mm)	D:80,L/R:80,B:80
Construction	
External Material	Carbon Steel Coated Plate
Inner Material	Sprayed Aluminum Plate
Shelves	4
Access Test Port	1pc. Ø 23 mm
Casters	4(2 leveling feet,2 brakes)
Data Logging/ Interval /Max. Data Capacity	USB/Record every 10 minutes/12 months
Interface	Remote Alarm Contact, RS485
Backup Battery	Yes, over 48 hours
Alarms	
Temperature	High/Low Temperature, High Ambient Temperature
Electrical	Power Failure, Low Battery
System	Sensor Error, Main Board Communication Error, Condenser Overheating Alarm, Door Ajar, Data Logger ,Data logger failure alarm
Electrical Data	
Power supply(V/HZ)	110V/60Hz 220-240V/50/60Hz
Rated current (A)	3.68A 3.0A

Model of freezing racks	Dimension of freezing racks (mm)	Dimension of freezing box (mm)	Total numbers of freezing racks	Total numbers of freezing box
ZKL304-552B-CT	140*685*293	133*133*53	16	400