Haier Biomedical
Intelligent Protection of Life Science

Ice-Lined Refrigerator



HBC-80

Scope of Application

This refrigerator is suitable for pharmacies, pharmaceutical factories, epidemic prevention stations, health centres and hospitals to store Biological products and items which shall be kept under at a temperature of between 2 and 8°C

Innovative Design

- Hydrocarbon energy-saving
- Safe and reliable
- Smart display

Qingdao Haier Biomedical Co.,Ltd.

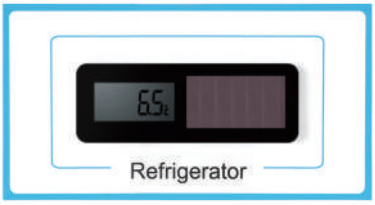
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Product Advantages

Refrigeration System

- Optimized refrigeration system design
- Cabinet structure designed specifically to maintain 2°C to 8°C for more than 55 hours at 43°C ambient
- HC high-density foam insulation
- Complies with WHO/UNICEF standards Grade A freeze protection to ensure vaccine never freezes in the storage compartment
- Wide ambient temperature range, from 5°C -43°C



Solar Energy Display Panel



Ergonomic Design

- Door lock for storage safety
- Indicator light to show whether compressors on or off status
- Independent temperature data logger to monitor,record and manage temperature records
- Operates within wide voltage range,172~264 volts

Temperature Control

- Digital solar powered temperature display
- Internal temperature range is 2°C to 8°C

Specifications

Model			HBC-80
Technical Data	Cabinet Type		Chest
	Ambient Temperature		5°C~43°C
	Cooling Type		Direct Cooling
	Refrigerant		HC
	Sound Level (dB(A))		<40
Performance	Temperature Range (°C)		2~8
	Freezer Protection Level		A
Control	Controller		Microprocessor
	Display		Solar LED temperature display
Electrical Data	Power Supply (V/Hz)		220~240/50
	Power (W)		110
	Electrical Current (A)		0.9
	Power Consumption:stable running (KWh/24h)		0.57
	Power Consumption: cool down test (KWh/24h)		0.63
	Holdover Time at 43°C		59hrs 58mins
	Holdover Time at 32°C		98hrs 26mins
Dimensions	Vaccine Storage Capacity (L/Cu.Ft)		61/2.2
	Gross Volume (L/Cu.Ft)		80/2.8
	Net/Gross Weight (approx)	kg	85/110
		lbs	187.6/242.7
	Interior Dimensions (W*D*H)	mm	500*366*560
		in	19.7*14.4*22
	Exterior Dimensions (W*D*H)	mm	788*717*872
		in	31*28.2*34.3
	Packing Dimensions (W*D*H)	mm	850*770*1080
		in	33.5*30*42.5
	Container Load (20'/40'/40'H)		36/78/78
Functions	High/Low Temperature		Y
	Sensor Error		Y
Accessories	Foot/Castor		N
	Baskets		1
	Data Logger		Y
	Automatic Voltage Stabilizer		Optional
	Remote Temperature Monitoring Device (RTMD)		Optional
Others	Certification		CE,WHO/PQS