

Ice-Lined Refrigerator



HBC-150

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

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Product Advantages

Refrigeration System

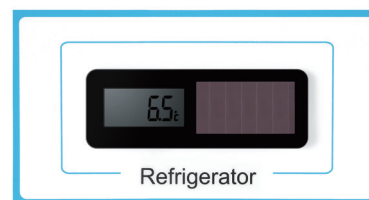
- Optimized refrigeration system design
- Cabinet structure designed specifically to maintain 2°C to 8°C for more than 55 hours at 43°C ambient
- HC high-density foam insulation
- Complies with WHO/UNICEF standards Grade A freeze protection to ensure vaccine never freezes in the storage compartment
-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

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



Solar Energy Display Panel



Specifications

Model			HBC-150
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)		120
	Electrical Current (A)		1
	Power Consumption: stable running (KWh/24h)		0.54
	Power Consumption: cool down test (KWh/24h)		0.62
	Holdover Time at 43°C		60hrs 50mins
	Holdover Time at 32°C		96hrs 23mins
	Vaccine Storage Capacity (L/Cu.Ft)		122/4.3
Dimensions	Gross Volume (L/Cu.Ft)		150/5.3
	Net/Gross Weight (approx)	kg	105/140
		lbs	231.7/308.9
	Interior Dimensions (W*D*H)	mm	840*366*560
		in	33.1*14.4*22
	Exterior Dimensions (W*D*H)	mm	1128*717*872
		in	44.4*28.2*34.3
	Packing Dimensions (W*D*H)	mm	1190*770*1080
		in	47*30*42.5
	Container Load (20'/40'/40'H)		26/56/56
Functions	High/Low Temperature		Y
	Sensor Error		Y
	Foot/Castor		N
Accessories	Baskets		3
	Data Logger		Y
	Automatic Voltage Stabilizer		Optional
	Remote Temperature Monitoring Device (RTMD)		Optional
Others	Certification		CE,WHO/PQS