

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

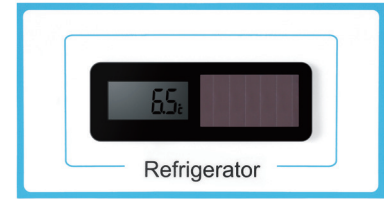
- Optimized refrigeration system design
- Cabinet structure designed specifically to maintain 2°C to 8°C for more than 55 hours at 43°C ambient
- HC high-density foam insulation
- Complies with WHO/UNICEF standards Grade A freeze protection to ensure vaccine never freezes in the storage compartment
- 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		
Dimensions	Vaccine Storage Capacity (L/Cu.Ft)	122/4.3		
	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	
	High/Low Temperature	Y		
Functions	Sensor Error	Y		
	Foot/Castor	N		
	Baskets	3		
	Data Logger	Y		
	Automatic Voltage Stabilizer	Optional		
Accessories	Remote Temperature Monitoring Device (RTMD)	Optional		
	Certification	CE,WHO/PQS		
Others				