

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

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Product Advantages



Refrigeration System

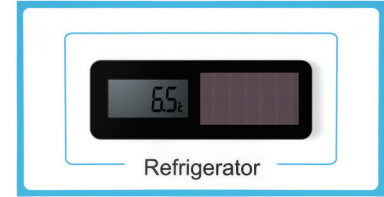
- Optimized refrigeration system design
- Cabinet structure designed specifically to maintain 2°C to 8°C for more than 55 hours at 43°C ambient
- HC high-density foam insulation
- Complies with WHO/UNICEF standards Grade A freeze protection to ensure vaccine never freezes in the storage compartment
- 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-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	
	High/Low Temperature	Y	
Functions	Sensor Error	Y	
	Foot/Castor	N	
Accessories	Baskets	1	
	Data Logger	Y	
	Automatic Voltage Stabilizer	Optional	
	Remote Temperature Monitoring Device (RTMD)	Optional	
	Others	Certification	CE,WHO/PQS