

Refrigeration System

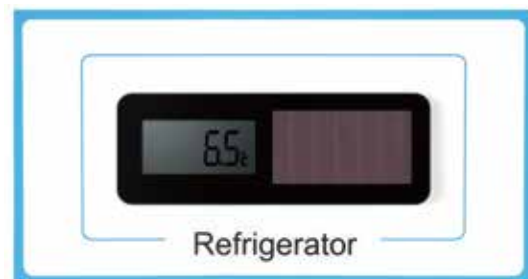
- Optimized refrigeration system design
- Cabinet structure designed specifically to maintain 2°C to 8°C for more than 30 hours at 43°C ambient
- CFC-free high-density foam insulation
- Complies with WHO/UNICEF standards Grade A freeze protection to ensure vaccine never freezes in the storage compartment
- Wide ambient temperature range, from 5°C -43°C

Temperature Control

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



Solar Energy Display Panel



HBC-80

Ice-Lined Refrigerator



Specifications

Model	HBC-80	HBC-150	HBC-260	
Technical Data				
Cabinet Type	Chest	Chest	Chest	
Ambient Temperature (°C)	5-43	5-43	5-43	
Cooling Type	Direct Cooling	Direct Cooling	Direct Cooling	
Defrost Mode	Auto	Auto	Auto	
Refrigerant	CFC-Free	CFC-Free	CFC-Free	
Noise (dB(A))	<40	<40	<40	
Performance				
Temperature Range (°C)	2-8	2-8	2-8	
Control				
Controller	Microprocessor	Microprocessor	Microprocessor	
Display	SolarLED Temperature Display	SolarLED Temperature Display	SolarLED Temperature Display	
Electrical Data				
Power Supply (V/Hz)	220-240/50	220-240/50	220-240/50/60	
Power (W)	105	110	230	
Electrical Current (A)	0.9	1	1.8	
Power Consumption: Stable Running (kWh/24h)	0.6	0.6	1	
Power Consumption: Cool Down Test (kWh/24h)	0.7	0.7	1.1	
Holdover Time at 43°C	59hrs 58mins	60hrs 50mins	62hrs	
Holdover Time at 32°C	98hrs 26mins	96hrs 23mins	117hrs 24mins	
Dimensions				
Vaccine Storage Capacity (L/Cu.Ft)	61/2.2	122/4.3	211/7.4	
Gross Volume (L/Cu.Ft)	80/2.8	150/5.3	260/9.2	
Net/Gross Weight (approx)	kg 85/110	105/140	160/200	
Interior Dimensions (W*D*H)	mm	500*366*560	840*366*560	1359*366*560
	in	19.7*14.4*22	33.1*14.4*22	53.5*14.4*22
Exterior Dimensions (W*D*H)	mm	788*717*872	1128*717*872	1647*717*940
	in	31*28.2*34.3	44.4*28.2*34.3	64.8*28.2*37
Packing Dimensions (W*D*H)	mm	850*770*1080	1190*770*1080	1720*770*1080
	in	33.5*30*42.5	47*30*42.5	67.7*30*42.5
Container Load (20'/40'/40'H)		36/78/78	26/56/56	18/38/38
Functions				
High/Low Temperature	Y	Y	Y	
Power Failure	N	N	N	
Sensor Error	Y	Y	Y	
Accessories				
Foot	N	N	Y	
Baskets	2	5	9	
Others				
Certificate	CE,WHO/PQS	CE,WHO/PQS	CE,WHO/PQS	
Data Logger	Y	Y	Y	
Freezer Protection Level	A	A	A	
Optional	30 Days Temperature Logger Automatic Voltage Stabilizer Remote Temperature Monitoring Device			

Product appearance and specifications are subject to change without notice