

Ice-Lined Refrigerator



Refrigeration System

- Optimized refrigeration system design
- special structure design to maintain 2°C to 8°C for more than 30 hours at 43°C ambient
- CFC-free high density foam insulation
- Complied with WHO/UNICEF standards **Grade A** freeze protection to make the vaccine never frozen in the compartment
- Wide ambient temperature range, 5-43°C

Temperature Control

- Digital Solar driven temperature display
- Inner temperature range is 2°C to 8°C

Ergonomic Design

- Door lock for storage safety
- Indicator light to show run or stop of the compressors
- Independent temperature data logger, monitoring, recording, and managing
- Wide voltage design, 172-264 volts



Solar energy display panel



HBC-80

Ice-Lined Refrigerator



	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
	Refrigerant		CFC-Free	CFC-Free	CFC-Free
	Noise(dB(A))		44	44	44
Performance	Temperature Range(°C)		2~8	2~8	2~8
Control	Controller		Microprocessor	Microprocessor	Microprocessor
	Display		Solar LED Temperature Display	Solar LED Temperature Display	Solar LED Temperature Display
Electrical Data	Power Supply(V/Hz)		220~240/50	220~240/50	220~240/50
	Power(W)		105	110	230
	Electrical Current(A)		0.9	1	1.8
	Power Consumption:Stable Running(KWh/24h)		0.57	0.53	1.62
	Power Consumption:Cool Down Test(KWh/24h)		0.63	0.61	1.47
	Holdover Time at 43°C		31hrs50mins	30hrs16mins	34hrs40mins
Dimensions	Vaccine Storage Capacity(L/Cu.Ft)		61/2.2	122/4.3	211/7.5
	Gross Volume(L/Cu.Ft)		80/2.8	150/5.3	260/9.2
	Net/Gross Weight(approx)	kg	73/85	85/97	132/150
	Interior Dimensions(W*D*H)	mm	480*345*570	825*345*575	1350*345*575
		in	18.9*13.6*22.4	32.5*13.6*22.6	53.1*13.6*22.6
	Exterior Dimensions(W*D*H)	mm	788*654*875	1128*654*875	1650*654*875
		in	31*25.7*34.4	44.4*25.7*34.4	65*25.7*34.4
	Packing Dimensions(W*D*H)	Paper	Paper	Paper	Paper
		mm	480*770*1080	1175*770*1080	1705*770*1080
in		18.9*30.3*42.5	46.3*30.3*42.5	67.1*30.3*42.5	
Functions	Container Load (20'/40'/40'H)		36/78/78	30/60/60	18/42/42
	High/Low Temperature		Y	Y	Y
	Power Failure		Y	Y	Y
Accessories	Sensor Error		Y	Y	Y
	Foot		Y	Y	Y
Others	Baskets		2	4	6
	Certificate		CE,WHO/PQS	CE,WHO/PQS	CE,WHO/PQS
	Data Logger		Y	Y	Y
	Freezer Protection Level		A	A	A

Product appearance and specifications are subject to change without notice

Ice-Lined Refrigerator



Refrigeration System

- Optimized refrigeration system design
- Built-in ice packs maintain 2°C to 8°C for more than 25 hours at 43°C ambient
- CFC-free high density foam insulation
- Complied with WHO/UNICEF standards

Temperature Control

- Digital temperature display
- Inner temperature range is 2°C to 8°C

Ergonomic Design

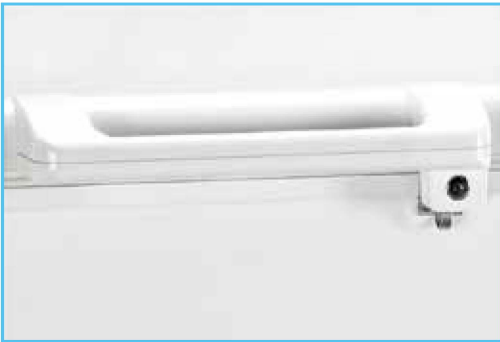
- Door lock for storage safety
- Stainless steel interior for ease of cleaning and corrosion proof



Inside structure



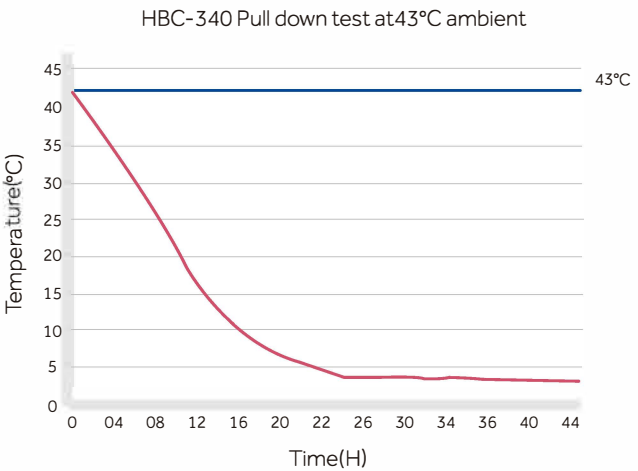
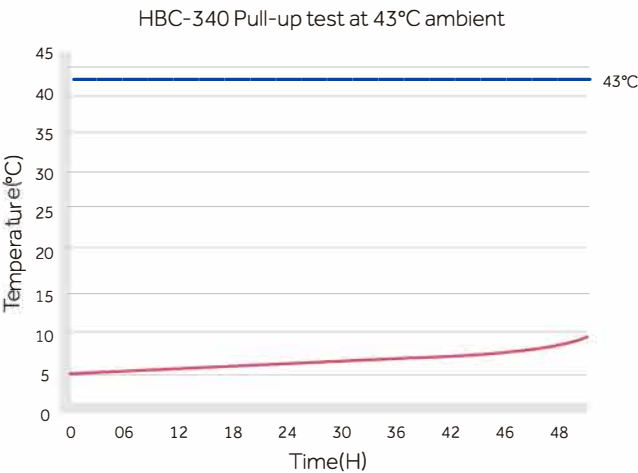
Interior icepack



Lock



Controller



Ice-Lined Refrigerator



Model		HBC-70	HBC-110	HBC-200	HBC-340
Technical Data	Cabinet Type	Chest	Chest	Chest	Chest
	Ambient Temperature(°C)	5-43	5-43	5-43	5-43
	Cooling Type	Direct Cooling	Direct Cooling	Direct Cooling	Direct Cooling
	Defrost Mode	Auto	Auto	Auto	Auto
	Refrigerant	CFC-Free	CFC-Free	CFC-Free	CFC-Free
	Noise(dB(A))	43	43	44	42.5
Performance	Temperature Range(°C)	2-8	2-8	2-8	2-8
Control	Controller	Microprocessor	Microprocessor	Microprocessor	Microprocessor
	Display	LCD	LCD	LCD	LCD
Electrical Data	Power Supply(V/Hz)	220~240/50	220~240/60	220~240/50	220~240/50/60
	Power(W)	156	180	155	208
	Electrical Current(A)	1.1	1.4	1.2	1.4
	Power Consumption: Stable Running(KWh/24h)	0.64	1.1	1.2	1.34
	Power Consumption: Cool Down Test(KWh/24h)	2.4	2.4	1.28	4.1
	Holdover Time at 43°C	27hrs18mins	36hrs17mins	31hrs23mins	53mins
Dimensions	Vaccine Storage Capacity(L/Cu.Ft)	45/1.6	52.5/1.8	90/3.3	211/7.4
	Gross Volume(L/Cu.Ft)	71/2.5	110/3.9	198/7.0	340/12.0
	Net/Gross Weight (approx)	kg	75/79	87/93	108/114
		lbs	165.3/174.2	191.8/205.0	238.1/251.3
	Interior Dimensions (W*D*H)	mm	400*360*610	595*360*610	970*360*610
		in	15.7*14.2*24.0	23.4*14.2*24.0	38.2*14.2*24.0
	Exterior Dimensions (W*D*H)	mm	670*630*818	860*630*818	1243*630*818
		in	26.4*24.8*32.2	33.9*24.8*32.2	48.9*24.8*32.2
	Packing Dimensions (W*D*H)	Paper	Paper	Paper	Paper
		mm	755*760*880	950*760*880	1325*760*880
		in	29.7*29.9*34.6	37.4*29.9*34.6	52.2*29.9*34.6
		Wooden	Wooden	Wooden	Wooden
		mm	820*820*1045	1000*820*1045	1375*820*1045
		in	32.3*32.3*41.1	39.4*32.3*41.1	54.1*32.3*41.1
Functions	Container Load (20'/40'/40'H)	Paper	42/90/135	36/72/108	24/54/81
		Wooden	28/56/56	20/44/44	16/32/32
Accessories	High/Low Temperature	Y	Y	Y	Y
	Power Failure	Y	Y	Y	Y
Others	Sensor Error	Y	Y	Y	Y
	Foot	Y	Y	Y	Y
	Baskets	3	5	9	11
	Certificate	CE,WHO/PQS	CE,WHO/PQS	CE,WHO/PQS	CE,WHO/PQS

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