

Vaccine and Icepack Freezer



HBD-265

Scope of Application

This product is applicable for cryogenic storage of vaccines and other biological reagents in hospitals, CDC, vaccination stations and other units in areas with insufficient or unstable power supply.

Innovative Design

- Hydrocarbon energy-saving
- Optimized refrigeration system
- Excellent holdover time
- Complies with WHO PQS certification E003/FZ01.2
- Safe and reliable
- Smart control

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Product Advantages



Energy Saving

Frequency conversion compressor with higher efficiency and lower energy consumption.



Environmentally Friendly

- Hydrocarbon refrigeration system with environmentally safe hydrocarbon refrigerants.
- Built with isopentane foam polyurethane insulation, which complies with European ROHS Directive.



Superior Thermal Insulation Performance

The insulation thickness is more than 140mm, which enables at least 11 hours holdover time under power failure. (below -5°C, ambient temperature 43°C).



Low Noise

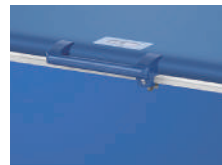
Optimal system and engine noise reduction design, which reduces the sound level to 39.3 dB(A).

Product Features



Microprocessor Control System

- Microprocessor electronic temperature controller, LED temperature display, display and control accuracy is 0.1°C.
- Sensor error alarm.
- Two alarm modes: sound alarm and light alarm.



Security Lock

Mechanical door lock, independent management, safe and secure.



RTMD

Optional remote temperature recording.



Material

- The inner liner is coated with zinc plate (the color is grey)
- Steel coatings in blue
- Corrosion-resistant and easy to clean.

Product Parts Diagram



Solar powered temperature display indicates clearly the internal temperature

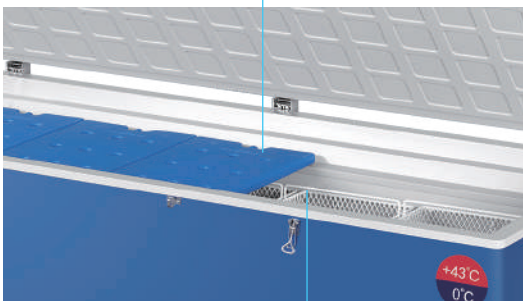
Handle + door lock (standard 2 keys): easy to open the door and secure storage

Drainage port for easier cabinet cleaning



- The system fan provides better air flow and cooling effect
- Compressor start indicator: indicates the running status of the compressor

Equipped with standard 5 ice rows which cover the opening of the cabinet to effectively prevent the rapid loss of cold when opening the door



Equipped with 9 steel baskets, which is corrosion resistant and provides easier access to vaccines and medicines



Features a condenser with dual pipes for higher heat dissipation efficiency

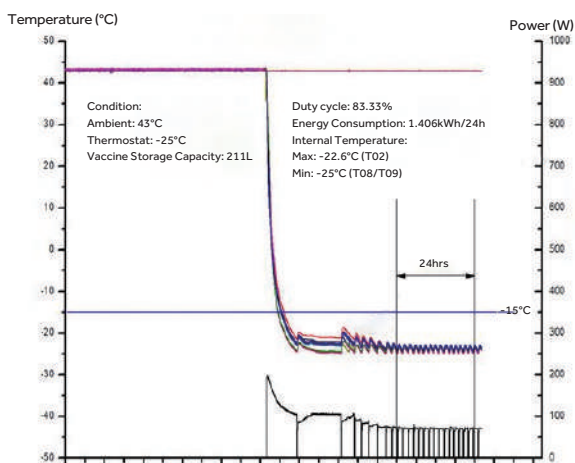
Integrated electric control box: including the main power switch, overload protector, temperature controller

Temperature controller: electronic temperature control, accurate control & display temperature, the minimum display and control temperature is 0.1°C

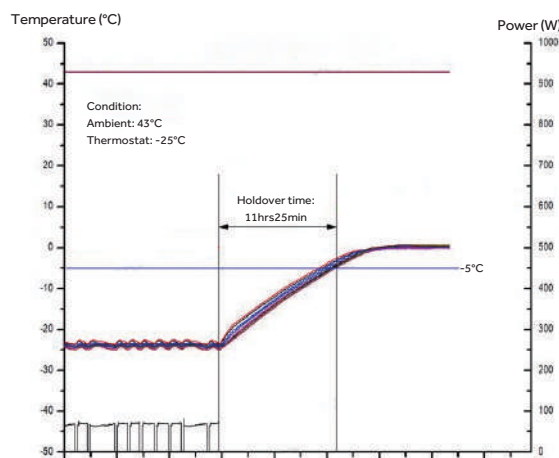
Typical performance characteristics in 43°C ambient



Cool Down Curve



Holdover Time



Specifications



Model		HBD-265	
Technical Data	Cabinet Type	Chest	
	Ambient Temperature (°C)	< 43	
	Cooling Type	Direct Cooling	
	Defrost Mode	Manual	
	Refrigerant	HC	
Performance	Sound Level (dB(A))	39.3	
	Temperature Range (°C)	-15~-25	
Control	Controller	Microprocessor	
	Display	LCD	
Electrical Data	Power Supply (V/Hz)	220~240 (50/60)	
	Power (W)	210	
	Electrical Current (A)	1.6	
	Power Consumption: Stable Running (KWh/24h)	1.43	
	Power Consumption: Cool Down Test (KWh/24h)	1.41	
Dimensions	Holdover Time at 43°C	11hrs25min (up to -5°C)	
	Vaccine Storage Capacity (L/Cu.Ft)	211/7.5	
	Gross Volume (L/Cu.Ft)	265/9.4	
	Net/Gross Weight (approx)	kg	135/160
		lbs	297/352
	Interior Dimensions (W*D*H)	mm	1359*366*560
		in	53.5*14.4*22
	Exterior Dimensions (W*D*H)	mm	1647*717*940
		in	64.8*28.2*37
	Packing Dimensions (W*D*H)	mm	1720*770*1080
in		67.7*30*42.5	
Container Load (20'/40'/40'H)		18/38/38	
Accessories	Foot/Castor	Y	
	Sensor Error	Y	
	Baskets	9	
Others	Certification	CE, WHO/PQS	
	Optional	Automatic Voltage Stabilizer	
	Waterpack Freezing Capacity (kg/24h)	32.4	
	Waterpack Storage Capacity (L)	211	

*Haier Biomedical reserves the right to change products and specifications without prior notice.