Accessories

- 3mm thick non-slip embossed aluminum plate improves the compressive and wear resistance of the compressive and wear resistance of the cold room floor and extends its service life.

- PVC curtain can reduce the leakage of cold air when opening the door and reduce temperature fluctuation.

Walk-in Cold/ Freezer Room

Application Scenario

The storage temperature of 2-8°C and -20°C is suitable for vaccine storage in CDC, hospitals, inoculation sites and other places.

Parameter--Cold Room

Model	Monobloc						Split				
	WIC (10 cbm)	WIF (20 cbm)	WIC (30 cbm)	WIC (40 cbm)	Combi. 40 cbm WIC/WIF		WIF (20 cbm)	WIC (30 cbm)	WIC (40 cbm)	Combi. 40 cbm WIC/WIF	
					WIC (10 cbm)	WIC (10 cbm)				WIC (25 cbm)	WIF (15 cbm)
Capacity (m³)	10	20	30	40	25	15	20	30	40	25	15
WHO PQS Code	E001/003										
Refrigerant	R448A										
Defrost Mod	Hot gas defrost						Electrical heating				
Internal Temperature Range (°C)	2-8	-20	2-8	2-8	2-8	-20	-20	2-8	2-8	2-8	-20
Power Supply (V/ph-Hz)	220/1N~/50	380/3N~/50	380/3N~/50	380/3N~/50	380/3N~/50	380/3N~/50	380/3N~/50	380/3N~/50	380/3N~/50	380/3N~/50	380/3N~/50
Power (W)/Unit	894	1750	1590	1590	1590	1750	1750	1590	1860	1590	1750
Refrigeration Output (W) Unit	1425	2580	3700	3700	3700	2580	2580	3700	4600	3700	2580
Condensation Temperature (°C)	43										
Density (Kg/Cbm)	40+/-2										
U Value (W/m²K)	0.17										
Insulation Thickness (mm)	100	120	100	100	120		120	100	100	120	

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

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Solution of Vaccine Cold Room—— Mono Block Unit Cold Room

The inner temperature is kept constantly at 2～8°C (or -15～-25°C).

Dual refrigeration systems, one system can backup the other system, extremely safe.

The refrigeration system has a variety of protection functions for start delay, overheat, overload, high and low pressure, over-voltage, under-voltage, etc.
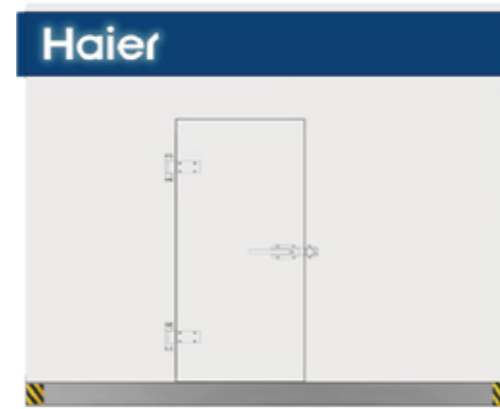
Automatic defrosting by electric or hot gas.

Over temperature alarm, and power failure alarm.

PQS certified by the WHO.

SPECIFICATIONS:

Insulation System

· Stainless steel eccentric locking device is embedded under the insulation plate. The room is connected in hexahedral locking method which makes the room solid with good insulation effect

· Double-sided color steel plate, the intermediate insulation material is rigid high pressure foaming fluorine-free polyure-thane. Stainless steel panel is optional

· Cold room plate thickness: 100mm; Freezer room plate thickness: 120mm; Steel plate thickness: 0.5mm Polyurethane density: 42kg/m3; Thermal conductivity: ≤0.021W/(m.k); Adhesive strength: 0.14MPa; Compressive strength: 258kPa; Bending bearing capacity: 5.67mm

· Door dimensions 800*1975*100mm. Semi-buried design provides good insulation effect and the size of the door can be customized

· The door is equipped with anti-lock device to prevent the personnel from being locked in the warehouse

Refrigeration System

· Dual refrigeration system is safe and reliable, which will automatically switch to the other system when failure occurs to one

· Dual system will switch regularly so that uniform wear of refrigeration unit will prolong the service life of the unit

· Fluorine-free refrigerant: R448A, ODP: 0

· Automatic defrosting by electric or hot gas

· The technology of liquid-subcooling and exhaust-precooling via defrosting water is adopted to save energy

Shelves

· The main body of the shelf is designed with aluminum profile, and the partition is made of stainless steel. Overall strong and durable to prevent corrosion.

· The shelf has 5 layers of partitions, and the distance between the partitions can be adjusted

Iumination

· Equipped with three-proof LED lights, water-proof grade≥ IP68

· The illumination on the vertical surface of the lowest shelf ≥ 150Lux

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