

Accessories

- 3mm thick non-slip embossed aluminum plate improve 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.

Parameter--Cold/Freezer Room

Product Category	Monobloc									
	WIC (10 cbm)	WIF (10 cbm)	WIC (20 cbm)	WIF (20 cbm)	WIC (30 cbm)	WIF (30 cbm)	WIC (40 cbm)	WIF (40 cbm)	Combi. 40 cbm WIC/WIF	
									WIC (25 cbm)	WIF (15 cbm)
Model	ZK-G10AWX01U	ZK-D10AWX01U	ZK-G20AWX01U	ZK-D20AWX01U	ZK-G30AWX01U	ZK-D30AWX01U	ZK-G40AWX01U	ZK-D40BWX01U	ZK-D40AWX01U	
External Dimension (L*W*H)(m)	2*2.6*2.6	2*2.88*2.6	3.84*2.5*2.6	3.84*2.6*2.6	4.8*2.93*2.6	4.8*3*2.8	4.8*3.8*2.6	4.8*3.9*2.8	5.2*3.8*2.6	
Interior Dimension (L*W*H)(m)	1.8*2.4*2.4	1.7*2.58*2.3	3.64*2.3*2.4	3.6*2.36*2.36	4.6*2.73*2.4	4.5*2.9*2.5	4.6*3.6*2.4	4.5*3.6*2.5	4.96*3.56*2.36	
WHO PQS Code	E001/003									
Refrigerant	R448A									
Defrost Mod	Hot Gas Defrost									
Internal Temperature Range (°C)	2-8	-20	2-8	-20	2-8	-20	2-8	-20	2-8	-20
Power Supply (V/ph-Hz)	220/1N-/50	220/1N-/50	220/1N-/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	1057	1285	1670	1590	2200	1590	2950	1590	1670
Refrigeration Output (W)/ Unit	1425	1330	2427	2090	3700	3030	3700	4290	3700	2090
Condensation Temperature (°C)	43									
Density (Kg/Cbm)	40+/-2									
Insulation Thickness (mm)	100	150	100	120	100	150	100	150	120	

Product Category	Split									
	WIC (10 cbm)	WIF (10 cbm)	WIC (20 cbm)	WIF (20 cbm)	WIC (30 cbm)	WIF (30 cbm)	WIC (40 cbm)	WIF (40 cbm)	Combi. 40 cbm WIC/WIF	
									WIC (25 cbm)	WIF (15 cbm)
Model	ZK-G10AWX02U	ZK-D10AWX02U	ZK-G20AWX02U	ZK-D20AWX02U	ZK-G30AWX02U	ZK-D30AWX02U	ZK-G40AWX02U	ZK-D40BWX02U	ZK-D40AWX02U	
External Dimension (L*W*H)(m)	2*2.6*2.6	2*2.88*2.6	3.84*2.5*2.6	3.84*2.6*2.6	4.8*2.93*2.6	4.8*3*2.8	4.8*3.8*2.6	4.8*3.9*2.8	5.2*3.8*2.6	
Interior Dimension (L*W*H)(m)	1.8*2.4*2.4	1.7*2.58*2.3	3.64*2.3*2.4	3.6*2.36*2.36	4.6*2.73*2.4	4.5*2.9*2.5	4.6*3.6*2.4	4.5*3.6*2.5	4.96*3.56*2.36	
WHO PQS Code	E001/003									
Refrigerant	R448A									
Defrost Mod	Electrical Heating									
Internal Temperature Range (°C)	2-8	-20	2-8	-20	2-8	-20	2-8	-20	2-8	-20
Power Supply (V/ph-Hz)	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	1260	1540	1260	1670	1590	2200	1860	2950	1590	1670
Refrigeration Output (W)/ Unit	2510	1660	2510	2090	3700	3030	4600	4290	3700	2090
Condensation Temperature (°C)	43									
Density (Kg/Cbm)	40+/-2									
Insulation Thickness (mm)	100	150	150	120	100	150	100	150	120	

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

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.



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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.



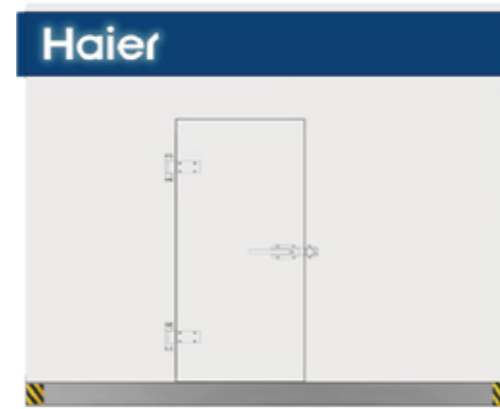
Automatic defrosting by electric or hot gas.



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 polyurethane. 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: $\leq 0.021\text{W}/(\text{m}\cdot\text{k})$; 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



Illumination



- Equipped with three-proof LED lights, water-proof grade $\geq \text{IP68}$
- The illumination on the vertical surface of the lowest shelf $\geq 150\text{Lux}$