

-30°C Biomedical Freezer



DW-30L1280F

Scope of Application:

Applicable for blood stations, hospitals, CDCs, scientific research institutes, electronics, chemical industry and other related industries, Haier's product can cryopreserve plasma, biological products, components, materials and other items that need to be kept at low temperature.

Innovative Design

- ◎ Dual Refrigeration System
- ◎ Intelligent Defrosting Technology
- ◎ Energy Saving

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Product Advantages



Dual independent refrigeration systems: Superior safety

Auto defrosting system+constant refrigeration system, has successfully solved the industries problem that inside temperatures rise sharply when fan cooling refrigerators defrost; If one system fails, the other one would reach -25°C quickly, which doubles the safety of the sample; With air cooling technology, the inside uniformity can reach $\pm 3^{\circ}\text{C}$ ($\pm 5^{\circ}\text{C}$ during the defrosting period).



Intelligent defrosting: prolongs the defrosting cycle, safeguarding the stability of the storage temperature

Compared with traditional timed defrosting, the intelligent defrosting technology reduces the defrosting frequency by half, effectively draws down the temperature fluctuation caused by defrosting during the sample storage cycle by intelligently identifying the amount of frost on the evaporator.



Advanced defrosting technology eradicates the hidden danger of electric leakage

Haier Biomedical applies full-automatic hot gas defrosting technology throughout the whole unit. Compared with heater wire defrosting technology, Haier Biomedical's technology eliminates the risk of electric leakage occurring due to wire aging, providing extra security and safety.



Hydrocarbon energy saving: green and environmentally friendly

Using green and eco-friendly hydrocarbon refrigeration system, based on the principle of zero damage to the ozone layer with zero greenhouse effect, while reducing energy consumption to 8kW/24H.

Product Parts

Supersized double outer doors, 70mm insulation layer

Safe lock

Electronic mortise lock design, with NFC clocking-in function (fingerprint optional)



Casters and feet

4 omnidirectional casters + 2 level legs, easy to move, lock and level



Microcomputer control, LED digital temperature display with inside temperature accuracy of 0.1°C

Standard USB port

Capable of storing more than 15 years of data

Low noise

Optimal system and engine noise reduction design, the temperature can cool down to -30°C within 3 hours

Bottom strainer drawable design

Easy to clean



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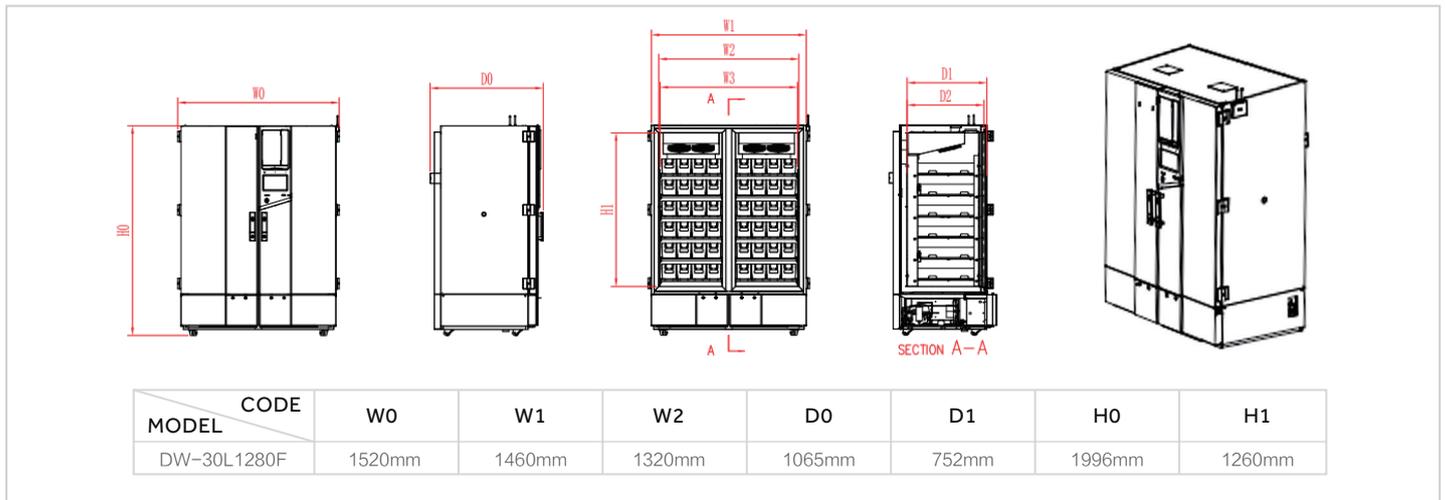
- Insulation design of refrigeration unit**
Subtle temperature rise during defrosting
- Shelves**
Equipped with 12 stainless steel shelves of 6 layers, which are adjustable to meet different requirements of users
- Optional: Blood baskets**
(48 units), and the capacity is 900*200ml blood bags



- Intelligent hot gas defrosting**
Prolongs the defrosting cycle, eradicates the hidden danger of electric leakage
- Foam beam design**
Better insulation effect

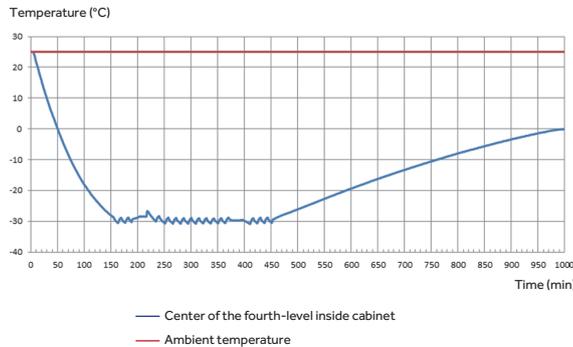


Product Dimension Drawings

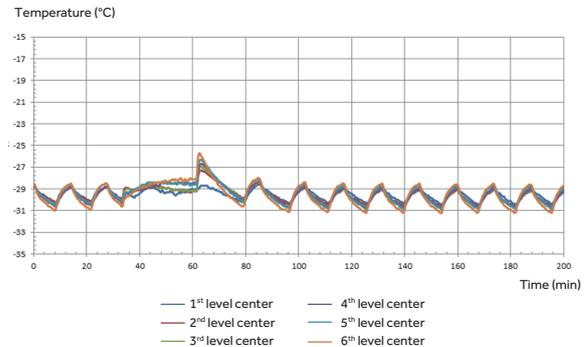


Cooling Down Curve

The center temperature curve graph of DW-30L1280F at 25°C ambient temperature



The defrosting curve graph of DW-30L1280F running steadily at 25°C ambient temperature



Specifications



Model		DW-30L1280F	
Technical Data	Cabinet Type		Upright
	Climate Class		N
	Cooling Type		Forced Air Cooling
	Defrost Mode		Automatic Defrost
	Refrigerant		HC
	Sound Level (dB(A))		46
Performance	Cooling Performance (°C)		-30
	Temperature Range(°C)		-10~-30
Control	Controller		Microprocessor
	Display		LED
Electrical Data	Power Supply (V/HZ)		220~240/50
	Electrical Current (A)		5
Dimensions	Capacity (L/Cu.Ft)		1280/45.2
	Net/Gross Weight (approx)	(kg)	420/480
		(lbs)	925/1057
	Interior Dimension (W*D*H)	(mm)	1320*752*1260
		(in)	52/29.6/49.6
	Exterior Dimension (W*D*H)	(mm)	1520*1065*1996
		(in)	59.8*41.9*78.6
	Packing Dimension (W*D*H)	(mm)	1580*1100*2100
(in)		62.2*43.3*82.7	
Container Load (20'/40'/40'H)		6/14/14	
Alarms	High/Low Temperature		Y
	Remote Alarm		Y
	Power Failure		Y
	Sensor Error		Y
	Low Battery		Y
	High Ambient Temperature		Y
	Dirty Condenser		Y
	Door Ajar		Y
Accessories	Caster		Y
	Leveling Feet		Y
	Porthole		Y
	Drawers/Inner Doors		Optional/N
	Adjustable Shelves		Y (12)
	USB Interface		Y
	RS485		Y
	NFC		Y
	Temperature Recorder		N
Other	Certificate		CE

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