

Haier Biomedical
Intelligent Protection of Life Science



DW-30L520F



Alarm record
query function



Forced air and auto
defrost design



Adjustable temperature
range -10°C~-30°C

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-30°C Forced Air Cooling Biomedical Freezer

Scope of Application

Applied for the storage of critical and temperature sensitive biological samples, laboratory products and medical products. Suitable for blood banks, hospitals, disease control centers, research laboratories.

Innovative Design

- Microprocessor-controlled system
- Multiple alarm functions
- Low noise design



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Product Features



Forced air and auto defrost design

-30°C storage temperature with automatic defrost cycles guided by time and temperature, ensure maximum temperature stability and minimize energy consumption



Superior temperature uniformity

The temperature uniformity is $\pm 3^{\circ}\text{C}$ with the setting temperature of -30°C



High-efficiency and energy-saving compressor and system

High-efficiency hydrocarbon compressor, optimized refrigeration system and low power consumption



Green and environmentally friendly

Hydrocarbon refrigerant, energy saving and environmental protection, built with LBA foam insulation, the GWP is close to 0



Microprocessor-controlled system

Microprocessor control, with temperature display precision at 0.1°C . Internal temperature is adjustable from -10°C to -30°C



Configuration

- Standard: 4 layer adjustable shelves
- Optional: 10-inch touch screen, USB interface, NCF, chart recorder, stainless steel self, blood basket



Safe and secure

Designed with key lock, padlock, optional electronic lock, providing multiple safeguards for sample safety



Low noise design

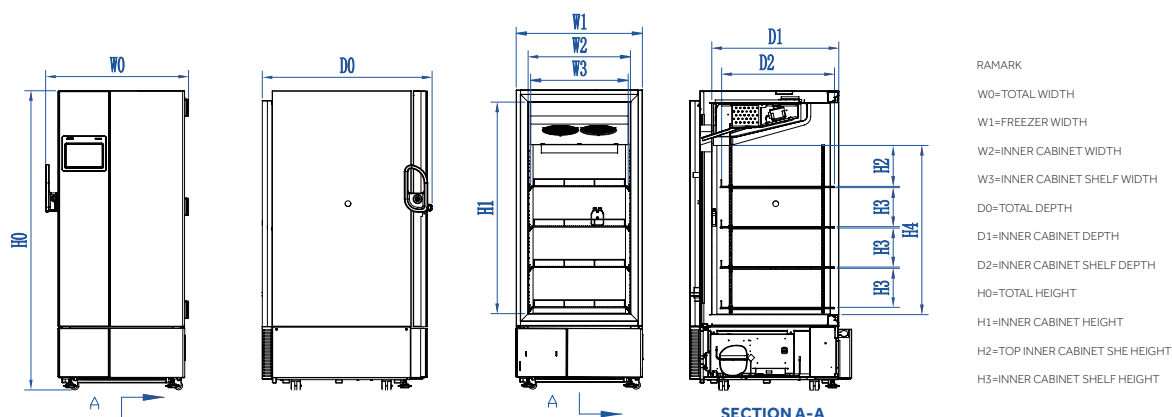
Noise-reduction features and structure noise reduction design



Multiple alarm functions

Including high/low temperature alarm, sensor error alarm, power failure alarm, low battery alarm, door ajar alarm, high ambient temperature alarm, condenser dirty alarm. Alarm mode is sound and flash

Product Size Drawing



MODEL	CODE	W0	W1	W2	W3	D0	D1	D2	H0	H1	H2	H3	H4
DW-30L520F		848mm	750mm	610mm	580mm	1011mm	755mm	675mm	1780mm	1260mm	240mm	230mm	1006mm

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Product Parts

Access port

Designed with two standard access ports on the left and right sides of the freezer, convenient for users to conduct independent testing

Adjustable shelves

4 adjustable shelves, (optional: stainless steel self, blood basket)

Exceptional cooling

Combined the high quality cooling performance created by air-forced cooling and automatic defrosting

Safe and secure

Designed with key lock, padlock, optional electronic lock, providing multiple safeguards for sample safety

Microprocessor temperature control, LED display panel (optional: 10-inch touch screen)

LED displays cabinet temperature with 0.1°C resolution, ambient temperature, and input voltage

Feet and casters

4 back-and-forth casters and 2 adjustable feet for easy moving and leveling

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Specifications

Model			DW-30L520F	
Technical Data	Cabinet Type		Upright	
	Climate Class		SN N	
	Cooling Type		Forced Air Cooling	
	Defrost Mode		Automatic Defrost	
	Refrigerant		HC	
	Sound Level (dB(A))		44	45
Performance	Cooling Performance (°C)		-30	
	Temperature Range(°C)		-10~-30	
Control	Controller		Microprocessor	
	Display		LED	
Electrical Data	Power Supply (V/HZ)		220~240/50	208~230/60
	Electrical Current (A)		3.1	2.9
Dimensions	Capacity (L/Cu.Ft)		520/18.4	
	Net/Gross Weight (approx)	(kg)	210/252	
		(lbs)	463.0/555.6	
	Interior Dimension (W*D*H)	(mm)	610*755*1006	
		(in)	24/29.7/39.6	
	Exterior Dimension (W*D*H)	(mm)	848*1011*1780	
		(in)	33.4/39.8/70.1	
	Packing Dimension (W*D*H)	(mm)	900*1060*1920	
		(in)	35.4*41.7*75.6	
Alarms	Container Load (20'/40'/40'H)		10/22/22	
	High/Low Temperature		Y	
	Remote Alarm		Y	
	Power Failure		Y	
	Sensor Error		Y	
	Low Battery		Y	
	High Ambient Temperature		Y	
	Dirty Condenser		Y	
Accessories	Door Ajar		Y	
	Caster		Y	
	Leveling Feet		Y	
	Porthole		Y	
	Drawers/Inner Doors		Optional/N	
	Adjustable Shelves		Y (4)	
	USB Interface		Optional	
	RS485		Y	
Other	NFC		Optional	
	Temperature Recorder		Optional	
Other	Certificate		CE	/

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