

PRODUCT SPECIFICATIONS

Model			DW-30L278		DW-30L508	
Technical Data	Cabinet Type		Upright		Upright	
	Climate Class		S N N		S N N	
	Cooling Type		Direct cooling		Direct cooling	
	Defrost Mode		Manual		Manual	
	Refrigerant		HC		HC	
	Sound Level(dB(A))		40		41	43
Performance	Cooling Performance(°C)		-30		-30	
	Temperature Range(°C)		-10~-30		-10~-30	
Control	Controller		Microprocessor		Microprocessor	
	Display		LCD		LCD	LED
Electrical Data	Power Supply(V/Hz)		220~240/50		220~240/50	115/60
	Power(W)		330		530	600
	Electrical Current(A)		2		3	5.4
Dimensions	Capacity(L/Cu.Ft)		278/9.8		490/17.3	
	Net/Gross Weight (approx)	kg	115/135		164/200	
		lbs	253.7/297.9		361.6/440.9	
	Interior Dimension (W*D*H)	mm	520*435*1230		685*610*1228	
		in	20.5*17.1*48.4		27.0*24.0*48.3	
	Exterior Dimension (W*D*H)	mm	745*675*1810		915*810*1860	
		in	29.3*26.6*71.3		36.0*31.9*73.2	
	Packing Dimension (W*D*H)	mm	805*725*1970		980*905*2040	
		in	31.7*28.5*77.6		38.6*35.6*80.3	
Container Load(20'/40'/40'H)			21/44/44		12/26/26	
Functions	High/ Low Temperature		Y		Y	Y
	Power Failure		Y		Y	/
	Sensor Error		Y		Y	Y
Accessories	Caster		Y		Y	
	Foot		Y		Y	
	Porthole		Y		Y	
	Temperature Recorder		Optional		Optional	
Others	Certification		CE		CE	UL

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

Haier Biomedical
Intelligent Protection of Life Science

-30°C Biomedical
Freezer



DW-30L508



DW-30L278



High-efficiency and energy-saving compressor and system

Industrial grade energy-saving compressor and optimized cooling system reduce more than 55% power consumption to achieve -30 °C compared with older models.



Green and environmental friendly

- Hydrocarbon refrigerant compressor, hydrocarbon refrigerant, completely green and environmental friendly refrigeration system;
- Built with isopentane foam polyurethane insulation, the series complies with European RoHS Directive, green and environmental protection/friendly.



Low Sound Level

Sound-reducing design with optimized system and structures reduces the sound level by more than 5 dB (DW-30L508 41dB), completely eliminating annoying high-pitched noise.



Superior temperature uniformity

Evaporator-shelf design produces a faster cooling process and a more uniform temperature distribution. The temperature uniformity at characteristic points is ±4 °C.

Haier -30°C biomedical freezers: Hydrocarbon refrigerant, energy-saving, safe and reliable, smart control

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Application

Blood banks, hospitals, disease control centers, research institutes, electronic, chemical and other industries, cryopreservation of plasma, biologics and other products, and cold tests for components and materials.



- Microprocessor control system:**
- Microprocessor temperature controller, LCD/LED temperature display, display accuracy at 0.1°C. Adjustable temperature setting from -10°C to -30 °C.
 - Multiple alarm functions including high temperature alarm, low temperature alarm, sensor error alarm and power failure alarm.
 - Sound and flash alarm:
 - Alarm lasts for more than 24 hours after power failure



Excellent temperature-retaining ability
High efficient insulation and double-sealing design improves temperature performance, energy efficiency, and system reliability.



Lock
Lock latch design provides an extra level of security.



Porthole
Porthole design is standard for test.



Recorder
Optional chart temperature recorder available

PRODUCT ADVANTAGES

PS interior, painted steel plate exterior, rust-proof, and easy to clean

Double lock design, multi-user, independent management, latch-lock high security

10 interior plastic drawers with labeling rail for ease of organizing and identifying

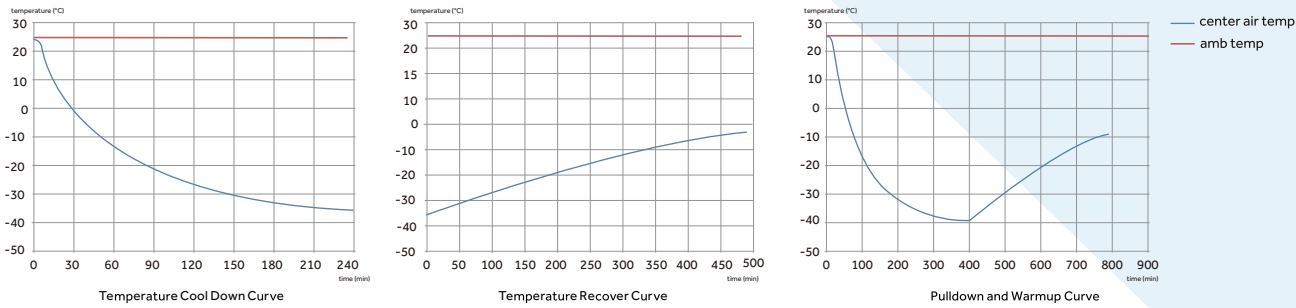
Microprocessor temperature control, LCD/LED temperature display, with display accuracy being 0.1°C

Aluminum alloy handle, stable and durable

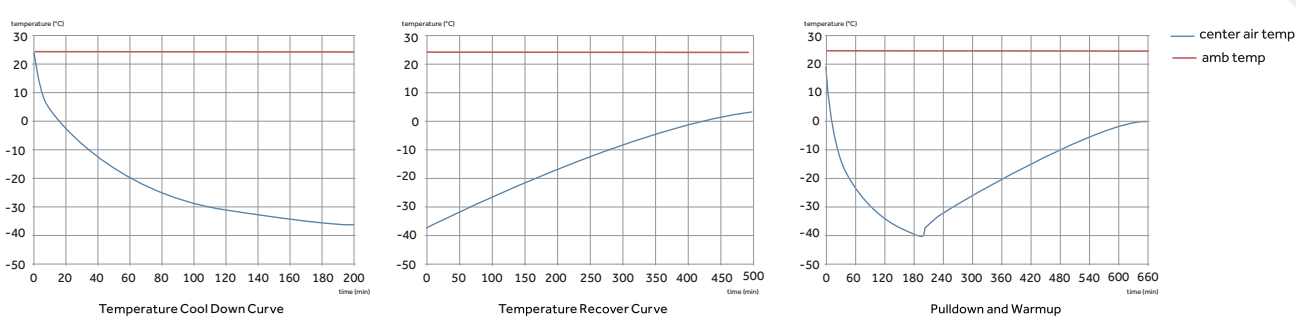
Standard casters and leveling legs for easy of maneuvering and leveling

DW-30L508

DW-30L508 TYPICAL PERFORMANCE CHARACTERISTICS IN 25°C AMBIENT



DW-30L278 TYPICAL PERFORMANCE CHARACTERISTICS IN 25°C AMBIENT



PRODUCT DIMENSION DRAWING

