

PRODUCT SPECIFICATIONS

Model		DW-30L278	DW-30L508			
Technical Data	Cabinet Type	Upright	Upright			
	Climate Class	4	4			
	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	6.5		
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)		14/28/28		12/24/24		
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

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 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 failure alarm and power outage alarm.
- Sound and flash alarm:
- Alarm lasts for more than 24 hours after power outage



### 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.



### Recorder

Optional chart temperature recorder available



### Porthole

Porthole design is standard for test.

## 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



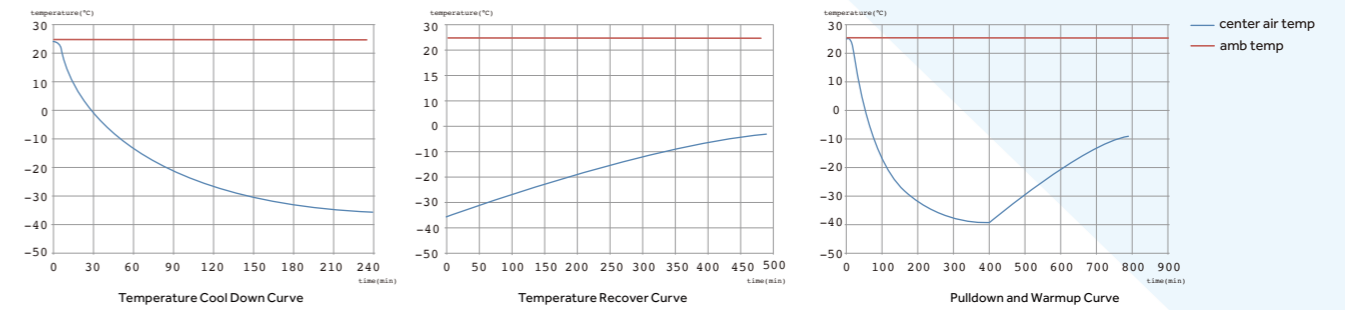
Microprocessor temperature control, LCD temperature display, with display accuracy being 0.1°C

Aluminum alloy handle, stable and durable

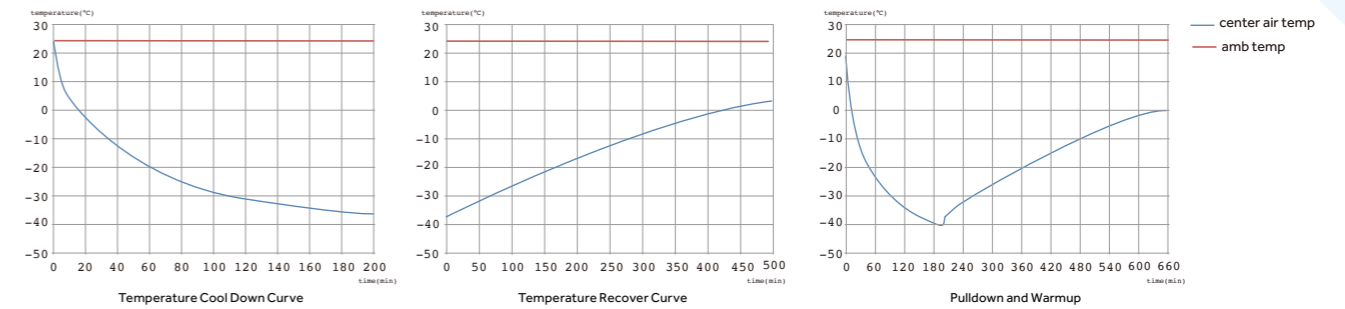
Standard casters and leveling legs for easy of maneuvering and leveling

DW-30L508

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



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



## PRODUCT DIMENSION DRAWING

