

Haier Biomedical

Intelligent Protection of Life Science

-30°C Biomedical Freezer



DW-30L508



DW-30L278

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



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 $\pm 4^{\circ}\text{C}$.

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.



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



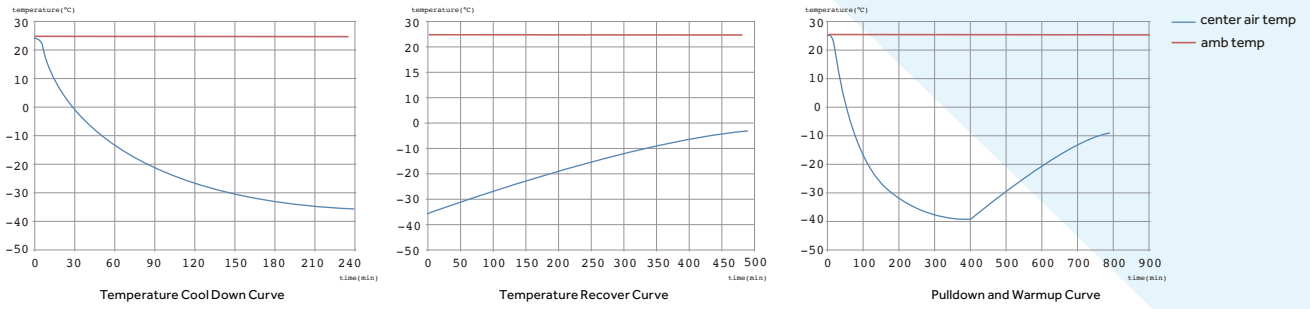
Microprocessor temperature control, LCD temperature display, with display accuracy being 0.1°C



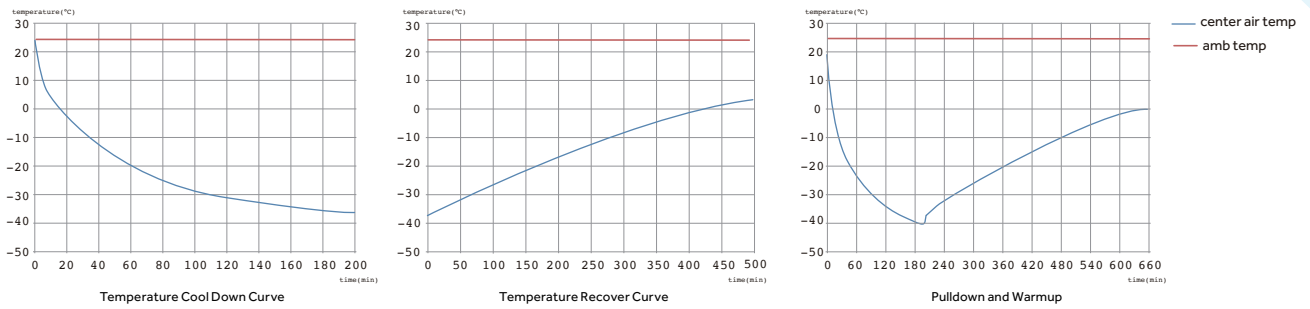
Aluminum alloy handle, stable and durable

Standard casters and leveling legs for easy of maneuvering and leveling

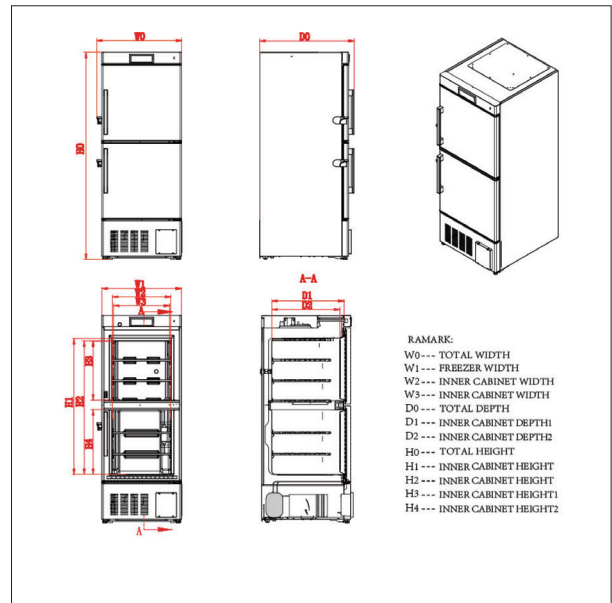
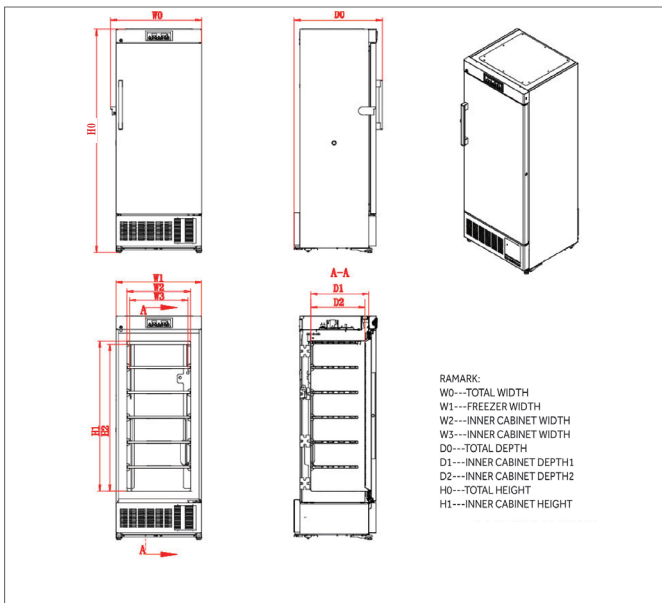
DW-30L508 TYPICAL PERFORMANCE CHARACTERISTICS



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



PRODUCT DIMENSION DRAWING



MODEL	CODE	W0	W1	W2	W3	H0	H1	H2	D0	D1	D2
DW-30L278		745mm	695mm	515mm	475mm	1810mm	1220mm	1192mm	675mm	468mm	440mm

MODEL	CODE	W0	W1	W2	W3	H0	H1	H2	H3	H4	D0	D1	D2
DW-30L508		915mm	865mm	674mm	650mm	1860mm	1220mm	1200mm	531mm	583mm	810mm	648mm	610mm

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)	2.0	3.0	6.5	
Dimensions	Capacity(L/Cu.Ft)		278	490	
	Net/Gross Weight (approx)	kg	115/135	164/200	
		lbs	253.7/297.9	361.9/441.3	
	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		
	Power Failure	Y	Y	/	
	Sensor Error	Y	Y		
Accessories	Caster	Y	Y		
	Foot	Y	Y		
	Porthole	Y	Y		
	Temperature Recorder	Optional	Optional		
Others	Certification	CE	CE	UL cUL	

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