

# -30°C Biomedical Freezer

DW-30L698

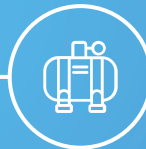


## Scope of Application:

Ideal for utilization in blood banks, hospitals, disease control centers, research institutes, academic and industrial industries. Specifically designed for the cryo-preservation of plasma, biologics, and other related products.



Superior Temperature Uniformity



High-efficiency and Energy-saving  
Compressor and system



Green and Environmental Friendly



Compact Footprint with Large  
Capacity

 **Product Advantages**



**Superior Temperature Uniformity**

The temperature uniformity is  $\pm 3^{\circ}\text{C}$  at the setpoint of  $-30^{\circ}\text{C}$



**High-efficiency and Energy-saving**

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



**Green and Environmental Friendly**

Hydrocarbon refrigerant, energy saving and environmental protection, built with LBA foam insulation, complies with European RoHS requirements



**Multiple Alarm Functions**

High/Low temperature/door ajar/power failure/sensor error/high ambient temperature alarm and also equipped with remote alarm interface, alarm mode is sound and flash



**Microprocessor Controller**

Microprocessor control, with temperature display precision of  $0.1^{\circ}\text{C}$ . Internal temperature is adjustable from  $-10^{\circ}\text{C}$  to  $-30^{\circ}\text{C}$



**Compact Footprint**

Combines a small footprint with large storage capacity to provide flexible, reliable and convenient sample storage

 **Optimal Design**



**New Generation Appearance**

A redesigned control panel features a more efficient layout and updated icons, significantly improving user experience



**Access Port**

Two access ports are standard, allowing for cords or independent monitoring probes to run in/out of the freezer



**Low Noise Design**

Structural noise reduction design allows freezer to run quietly at a level of 43 dB



**Adjustable Storage Shelf Height**

Built-in evaporator design and adjustable shelf height ensures the efficient use of interior space in the cabinet



**Safe and Secure**

Upgraded sturdy handle design for single-handed use, with a key lock and a padlock hasp for additional security



**Configuration**

Standard: 5 coated steel wired shelves, remote alarm contacts, USB interface(115V60Hz)

Optional: stainless steel shelves, blood storage baskets, drawers, temperature recorder, and/or RS485 interface

**Product Features**

New control panel design with rearranged layout and icons, greatly enhances usability

4 universal casters and 2 levelling feet allows for easy movement and locks unit safely into place

5 standard adjustable shelves  
Optional stainless steel shelves or drawers available

Improved handle design for one-handed operation. Lockable handle with mechanical lock, and padlock hasp standard

3 inner door design helps maintain steady temperature when accessing item, also helping to improve energy efficiency

**Product Dimensions**

Ramark  
W0=Total Width  
W1=Freezer Width  
W2=Inner Cabinet Width  
W3=Inner Cabinet Shelf Width  
D0=Total Depth  
D1=Inner Cabinet Width  
D2=Inner Cabinet Shelf Width  
H0=Total Height  
H1=Inner Cabinet Height

CODE MODEL	W0	W1	W2	W3	D0	D1	D2	D3	H0	H1
DW-30L698	34.4 in	30.7 in	25.2 in	23.8 in	36.6 in	29.7 in	28.4 in	27.2 in	78.1 in	57.4 in



**Specifications**

Model		DW-30L698	
Technical Data	Cabinet Type	Upright	
	Cooling Type	Direct Cooling	
	Defrost Mode	Manual	
	Refrigerant	HC	
	Sound Level ((dB(A))	43	
	Uniformity	±3°C	
Performance	Cooling Performance ( °C )	-30	
	Temperature Range ( °C )	-10 to -30	
Control	Controller	Microprocessor	
	Display	LED	
Electrical Data	Power Supply (V/Hz)	115/60	
	Power (W)	500	
	Electrical Current (A)	5	
Dimensions	Capacity(Cu.Ft/L)	24.7 Cu. Ft/ 698L	
	Net/Gross Weight (approx)/Packaged	(lbs)	396.8/496
		(kg)	180/225
	Interior Dimension (WxDxH)	(in)	25.2"x 29.7"x 57.4"
	Exterior Dimension (WxDxH)	(in)	34.4"x 36.6"x 78.1"
	Packing Dimension (WxDxH)	(in)	37.4"x 41.7"x 83"
Container Load (20'/40'/40'H)	10/22/22		
Alarms	High/Low Temperature	Y	
	Remote Alarm	Y	
	Power Failure	Y	
	Sensor Error	Y	
	Low Battery	Y	
	High Ambient Temperature	Y	
	Door Ajar	Y	
Accessories	Castor	Y	
	Foot	Y	
	Access Ports	Y-2	
	Inner Doors	3	
	USB Interface	Optional	
	RS485	Optional	
	Drawers/Stainless Steel Shelves	Optional/Optional	
Temperature Recorder	Optional		
Others	Certification	UL	

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