

## Specifications

Model		DW-30L818BP	
Technical Data	Cabinet Type	Upright	
	Climate Class	SNN	
	Cooling Type	Direct cooling	
	Defrost Mode	Manual	
	Refrigerant	HC	
	Noise ((dB(A))	37	
Performance	Cooling Performance (°C)	-30	
	Temp Range (°C)	-10--30	
Control	Controller	Microprocessor	
	Display	LED	
Electrical Data	Power Supply (V/Hz)	100-230/50/60	
	Power (W)	680	
	Electrical Current (A)	7.7	
	Capacity (L/Cu.Ft)	818/28.9	
Dimensions	Net/Gross Weight (approx)	(kg)	210/240
		(lbs)	463/529.1
	Interior Dimension (W*D*H)	(mm)	750*755*1460
		(in)	29.5*29.7*57.5
	Exterior Dimension (W*D*H)	(mm)	988*951*1980
		(in)	38.9*37.4*78
Alarms	Remote Alarm	Y	
	High/Low Temp	Y	
	Power Failure	Y	
	Sensor Error	Y	
	Low Battery	Y	
	High Ambient Temp	Y	
	Door Ajar	Y	
Accessories	Caster	Y	
	Foot	Y	
	Porthole	Y (2)	
	Shelves/Inner Doors	5/3	
	USB Interface	Optional	
	Temp Recorder	Optional	
Optional Plastic ABS Drawer	Exterior Dimension (W*D*H)	(mm)	141.5*691.5*150
		(mm)	122*671*100
	Quantity	30	
	Optional Stainless Steel Shelves	Dimension (W*D)	(mm)
Quantity		5	
Certification	CE	Y	
	UL	Y	
	Energy Star	Y	

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

# Haier Biomedical

Intelligent Protection of Life Science

## -30°C

## Biomedical Freezer

Large Capacity and Innovative Design



DW-30L818BP

### Scope of 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.



**Energy saving with variable speed inverter technology**  
Optimized refrigeration system with a high efficiency inverter compressor to reduce energy consumption



**Superior temperature uniformity in a large storage space**  
Built-in evaporator, large storage space, and adjustable shelf, providing faster temperature pull-down with superior temperature uniformity of the setting point +/- 3°C.



**Low noise**  
Sound attenuation design to reduce the sound level to 37 dB(A) at 220 V/50 Hz



**Environment Friendly**  
•HC refrigeration system contains zero chlorine and fluorine. It does not harm the environment.  
•Urethane foam insulation complies with European ROHS regulation.

Ihr Fachhändler:  
[www.axon-labortechnik.de](http://www.axon-labortechnik.de)



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## Product Advantages

Ergonomic Design: document holding compartment for storing size A4 paper and pens.

Microprocessor temperature control: LED displays cabinet temperature with 0.1°C resolution, ambient temperature, and input voltage.

Ergonomic handle design: easy access to storage space, built in lock and padlock features.

Casters and leveling legs for ease of maneuvering and positioning.



Power coating galvanized interior with large round corner design, corrosion resistance and easy to clean.

Optional USB port allows users to download temperature data saved up to 10 years for compliance and auditing purposes.



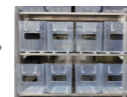
Double door seals for better insulation performance.



Pressure equalization port for easy door opening.

Inner door design reduces loss of cold air to improve energy efficiency and stable temperature.

Optional stainless steel shelves or coated steel are adjustable.



Plastic ABS drawer (optional): 25 blood bags (450ml/bag) can be loaded for one drawer, totally 750 blood bags for 30 drawers. (Note: The dimension of one blood bag is 125\*26\*190mm)

### 0.1 Microprocessor control system

- Microprocessor-based temperature control. Large LED displays cabinet temperature with 0.1°C resolutions. The temperature range is -10°C to -30°C
- Cabinet temperature, ambient temperature and voltage are shown on the panel.
- Alarm conditions include high and low temperature, sensor error, power failure, and low battery, door ajar and high ambient.
- Alarm modes are audible and flashing lights. Remote alarm terminals are available.
- Battery supports display and alarm system for forty eight hours after power outage.
- RS485
- Optional features are IoT module, USB port, and swipe card functions.

### Insulation

- 70 mm thick insulation.
- Optional inner doors for better thermal efficiency.

### Porthole

Two standard portholes allow ease of temperature testing.

### Security lock

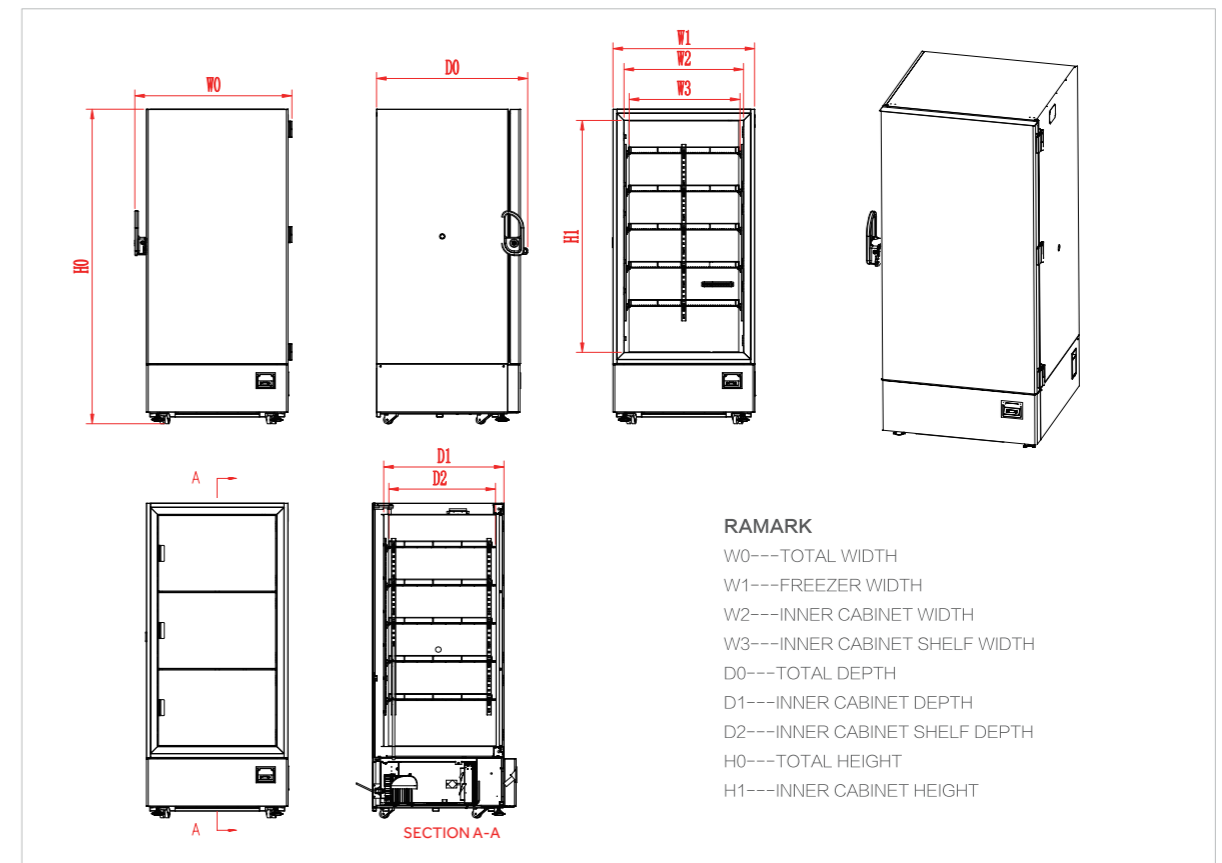
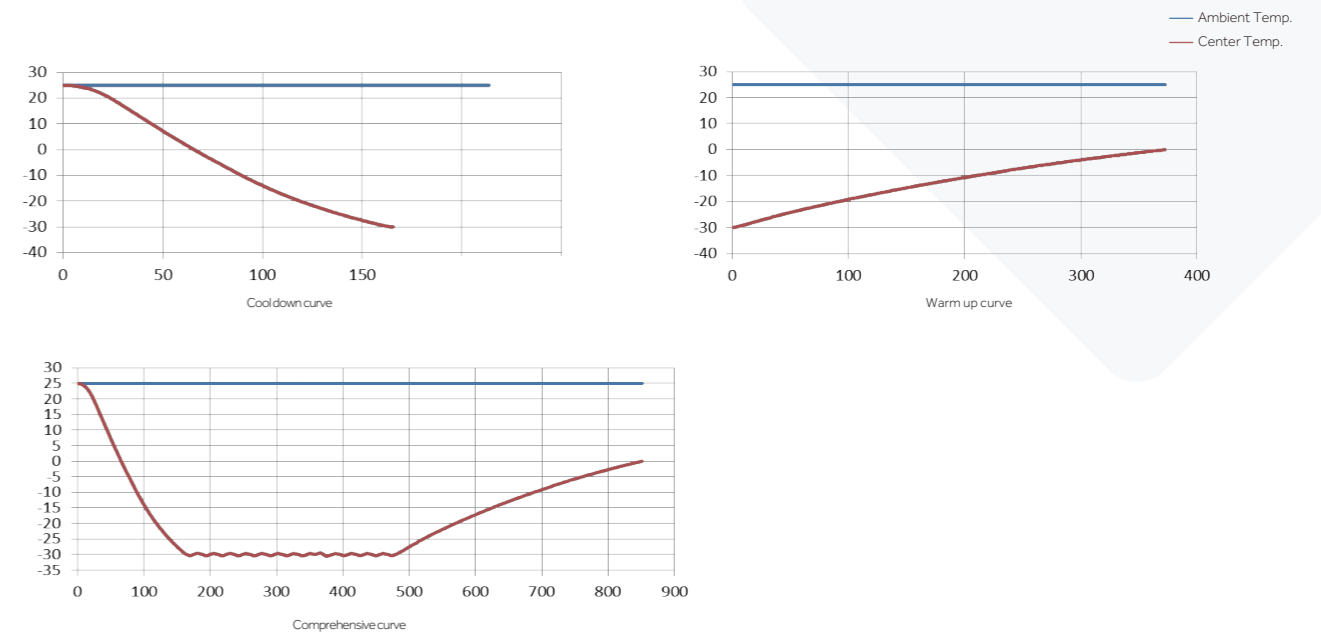
Padlock is standard. Magnetic lock is optional. Both provide security and independency.

### Temperature Recorder

Optional temperature recorder for temperature recording and preservation.



## Typical performance characteristics in 25°C ambient:DW-30L818BP



#### RAMARK

W0---TOTAL WIDTH  
W1---FREEZER WIDTH  
W2---INNER CABINET WIDTH  
W3---INNER CABINET SHELF WIDTH  
D0---TOTAL DEPTH  
D1---INNER CABINET DEPTH  
D2---INNER CABINET SHELF DEPTH  
H0---TOTAL HEIGHT  
H1---INNER CABINET HEIGHT

CODE MODEL	W0	W1	W2	W3	D0	D1	D2	H0	H1
DW-30L818BP	988mm	890mm	750mm	698mm	951mm	755mm	670mm	1980mm	1460mm