Specifications

Model		DW-30L818BP	
Technical Data	Cabinet Type		Upright
	Climate Class		SN N
	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
	RS485 Port		Y
Optional Plastic ABS Drawer	Exterior Dimension (W*D*H)	(mm)	141.5*691.5*150
	Interior Dimension (W*D*H)	(mm)	122*671*100
	Quantity		30
Optional Stainless Steel Shelves	Dimension (W*D)	(mm)	703*685
	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℃
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 pulldown 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.

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

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.

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

Pressure equalization port for easy door opening.

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

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

Casters and leveling legs for ease of maneuvering and positioning.

Optional stainless steel shelves or coated steel are adjustable.

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

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

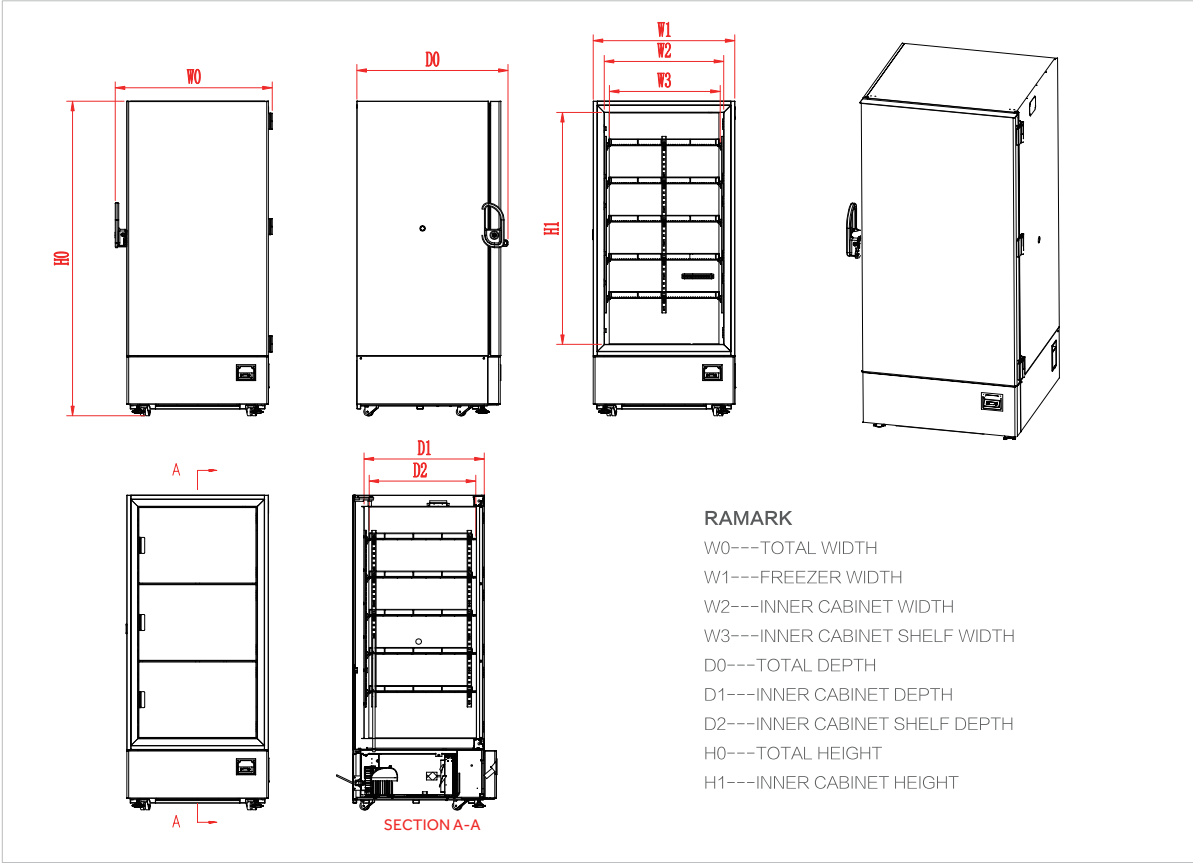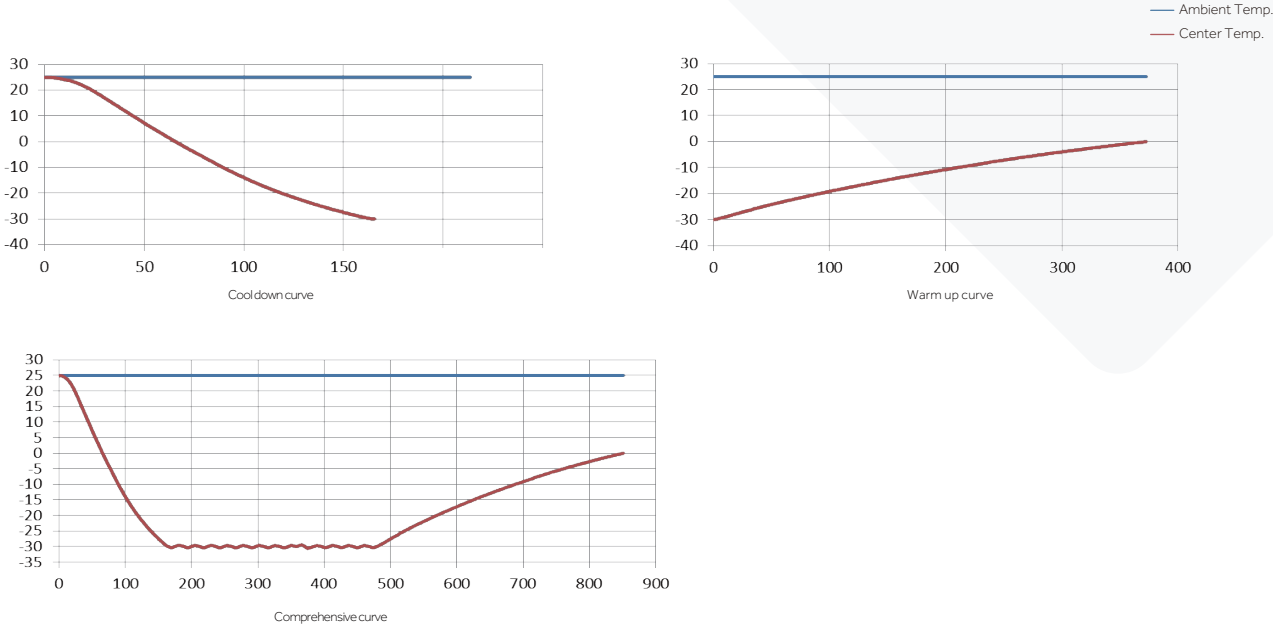Two standard portholes allow ease of temperature testing.

Security lock

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

Temperature Recorder

Optional temperature recorder for temperature recording and preservation.

— Ambient Temp.
— Center Temp.

Cool down curve

Warm up curve

Comprehensive curve

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