

Specifications

| Model           |                           | DW-30L818BP     |                |
|-----------------|---------------------------|-----------------|----------------|
| Technical Data  | Cabinet Type              | Upright         |                |
|                 | Climate Class             | 4               |                |
|                 | Cooling Type              | Direct cooling  |                |
|                 | Defrost Mode              | Manual          |                |
|                 | Refrigerant               | HC              |                |
|                 | Noise(dB(A))              | 37(220V/50Hz)   |                |
| Performance     | Cooling Performance( C)   | -30             |                |
|                 | Temp Range( C)            | -10~-30 C       |                |
| Control         | Controller                | Microprocessor  |                |
|                 | Display                   | LED             |                |
| Electrical Data | Power Supply(V/HZ)        | 100~240/50/60   |                |
|                 | Power(W)                  | 470W(220V/50Hz) |                |
|                 | Electrical Current(A)     | 2.5A(220V/50Hz) |                |
|                 | Capacity(L/Cu.Ft)         | 818L            |                |
| 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)            | 988x950x1979   |
|                 |                           | (in)            | 38.9*37.4*77.9 |
| Functions       | Remote Alarm              | Y               |                |
|                 | High/Low Temp             | Y               |                |
|                 | Hot Condenser             | /               |                |
|                 | Power Failure             | Y               |                |
|                 | High/Low Voltage          | /               |                |
|                 | Sensor Error              | Y               |                |
|                 | Low Battery               | Y               |                |
|                 | High Ambient Temp         | Y               |                |
| Accessories     | Door Ajar                 | Y               |                |
|                 | Caster                    | Y               |                |
|                 | Foot                      | Y               |                |
|                 | Test Hole                 | Y (2)           |                |
|                 | Shelves/ Inner Doors      | 5/3(Optional)   |                |
|                 | USB Interface             | Optional        |                |
|                 | 5V Power Supply Port      | Optional        |                |
|                 | Temp Recorder             | Optional        |                |
|                 | RS485 Port                | Y               |                |
| Other           | CO2 Backup System         | /               |                |
|                 | LN2 Backup System         | /               |                |
| Other           | CE                        | CE              |                |

**Haier Biomedical**  
Intelligent Protection of Life Science

**-30℃**  
**Biomedical Freezer**  
Large Capacity and Innovative Design

**Typical Installation and 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



**Excellent temperature uniformity in a large storage space**  
Features built-in evaporator, large storage space, and adjustable shelf, providing faster temperature pull-down and a better temperature uniformity of set point +/- 3 C.



**Low noise**  
Sound attenuation design to reduce the sound level to 37 dba 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.

DW-30L818BP



Product Advantages



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

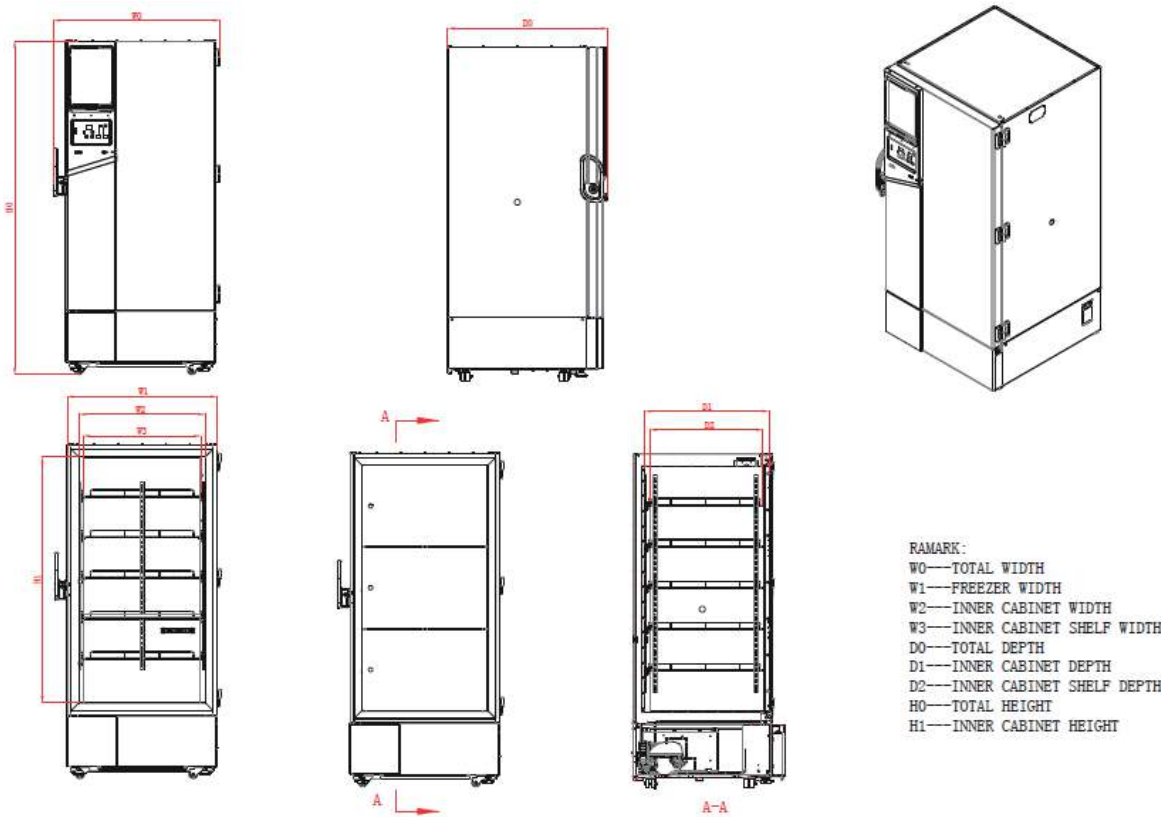
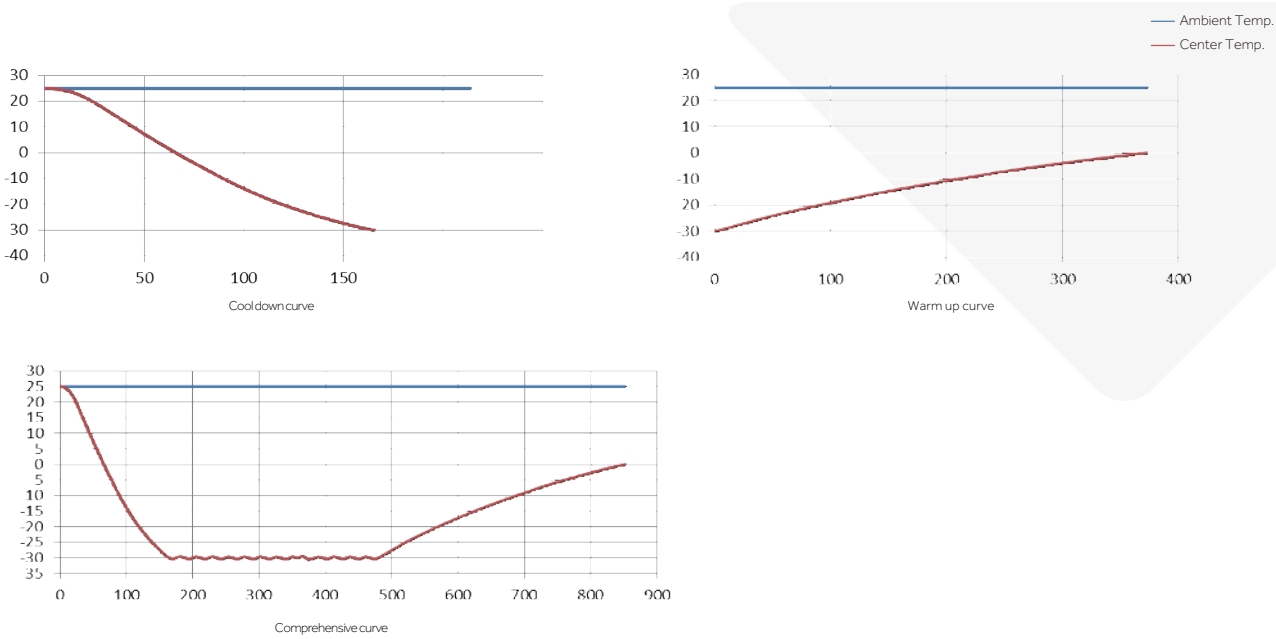
Padlock is standard. Magnetic lock is optional. Both provide security and independency.

Temperature Recorder

Optional temperature recorder for temperature recording and preservation.



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



| MODEL CODE | W0    | W1    | W2    | W3    | D0    | D1    | D2    | H0     | H1     |
|------------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| DW-30L818  | 988mm | 890mm | 750mm | 698mm | 950mm | 744mm | 671mm | 1979mm | 1460mm |

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