

# Haier Biomedical

Intelligent Protection of Life Science

## -86°C ULT Freezer

DW-86L728J&

DW-86L728JA



### Energy saving

VIP(Vacuum Insulation Panel) design with extra insulation cuts down on heat loss to cabinet by 25% and helps reduce energy consumption by more than 20%, power consumption only 10.5 kWh/day



### Slim design

Easily fits through every standard lab door and takes a small footprint



### Reliable

Cabinet temperature can reach -86°C with temp uniformity within 5°C



### Superior performance

VIP insulaion material

## Complementary products



CO<sub>2</sub>  
Backup  
Systems



Chart  
Recorder



Stainless  
Steel  
Racks



Cryo  
Boxes

# Specifications

## DW-86L728J&DW-86L728JA

### Technical Data

|                     |                |
|---------------------|----------------|
| Cabinet Type        | Upright        |
| Climate Class       | N              |
| Cooling Type        | Direct cooling |
| Defrost Mode        | Manual         |
| Refrigerant         | HC             |
| Sound level (dB(A)) | 50             |

### Performance

|                          |         |
|--------------------------|---------|
| Cooling performance (°C) | -86     |
| Temperature Range (°C)   | -40~-86 |

### Control

|            |                |
|------------|----------------|
| Controller | Microprocessor |
| Display    | LED            |

### Electrical Data

|                             | DW-86L728J | DW-86L728JA |
|-----------------------------|------------|-------------|
| Power Supply (V/Hz)         | 120/60     | 208~230/60  |
| Electrical Current (A)      | 18         | 10          |
| Power (W)                   | 1000       |             |
| Power Consumption (kWh/24h) | 10.5       |             |
| Capacity (L/Cu.Ft)          | 728/25.7   |             |

### Construction

|                            |     |                |
|----------------------------|-----|----------------|
| Net/Gross Weight (approx)  | kg  | 345/385        |
|                            | lbs | 760.6/848.8    |
| Interior Dimension (W*D*H) | mm  | 766*716*1310   |
|                            | in  | 30.2*28.2*51.6 |
| Exterior Dimension (W*D*H) | mm  | 1049*980*1980  |
|                            | in  | 41.3*38.6*78.0 |
| Packing Dimension (W*D*H)  | mm  | 1093*1048*2127 |
|                            | in  | 42.9*41.3*84.6 |

### Construction

|                               |          |
|-------------------------------|----------|
| Container load (20'/40'/40'H) | 12/20/20 |
|-------------------------------|----------|



### Alarms

|                          |   |
|--------------------------|---|
| High/Low Temperature     | Y |
| Hot Condenser            | Y |
| Power Failure            | Y |
| Sensor Error             | Y |
| Low Battery              | Y |
| High Ambient Temperature | Y |
| Door Ajar                | Y |

### Accessories

|                               |          |
|-------------------------------|----------|
| Caster                        | Y        |
| Foot                          | Y        |
| Porthole                      | Y/2      |
| Shelves/Inner doors           | 3/4      |
| USB Interface                 | Y        |
| Remote Alarm (Dry contacts)   | Y        |
| 5V Power Supply Port          | Y        |
| Temperature Recorder          | Optional |
| RS232/485 Port                | Optional |
| CO <sub>2</sub> Backup System | Optional |
| LN <sub>2</sub> Backup System | Optional |

### Certifications

|             |   |
|-------------|---|
| UL          | Y |
| ENERGY STAR | Y |



# Accessories & Consumables

## DW-86L728J&DW-86L728JA

### Consumables

#### Internal-threaded

| Classification | Model             | Quantity |
|----------------|-------------------|----------|
| Rack           | DCJ-55-B (SUS304) | 20       |
| Box            | H-B100-2PP        | 500      |
| Tube           | H-IS2             | 50000    |

#### External-threaded

| Classification | Model             | Quantity |
|----------------|-------------------|----------|
| Rack           | DCJ-55-B (SUS304) | 20       |
| Box            | H-B81-2PP         | 500      |
| Tube           | H-OS2             | 40500    |

### CO<sub>2</sub> Backup System

|                   |                |
|-------------------|----------------|
| Model             | HBX-IC         |
| Temperature range | -40°C to -70°C |

### LN<sub>2</sub> Backup System

|                   |                 |
|-------------------|-----------------|
| Model             | HBX- II A       |
| Temperature range | -90°C to -135°C |

### Chart Recorder

|                   |                 |
|-------------------|-----------------|
| Temperature range | +50°C to -115°C |
|-------------------|-----------------|

### Others

|             |    |
|-------------|----|
| Certificate | CE |
|-------------|----|

### Complementary Products



CO<sub>2</sub>  
Backup  
Systems



Stainless  
Steel  
Racks

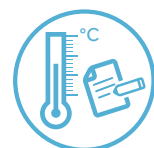
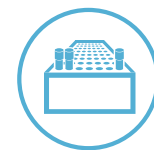


Chart  
Recorder



Cryo  
Boxes

**Haier Biomedical**

E-mail: [inquiry@haierbiomedical.com](mailto:inquiry@haierbiomedical.com)

Website: [www.usa.haiermedical.com](http://www.usa.haiermedical.com)



Haier Biomedical  
International



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@haiermedicalint



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