

Haier Biomedical

Intelligent Protection of Life Science

-86°C ULT Freezer

DW-86L388J



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 8 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

Complementary products



CO₂
Backup
Systems



Chart
Recorder



Stainless
Steel
Racks



Cryo
Boxes

Specifications

DW-86L388J

Technical Data

| | |
|------------------|-------------------|
| Type | -86°C ULT Freezer |
| Cabinet Type | Upright |
| Climate Class | N |
| Cooling Type | Direct cooling |
| Defrost Mode | Manual |
| Refrigerant | HC |
| Noise Level (dB) | 50 |

Performance

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

Control

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

Electrical Data

| | |
|-----------------------|------------|
| Power Supply(V/Hz) | 220-240/50 |
| Power(W) | 1000 |
| Electrical Current(A) | 8 |

Functions

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



Accessories

| | |
|-------------------------------|----------|
| Caster | Y |
| Foot | Y |
| Test Hole | Y/2 |
| Shelves/Inner Doors | 3/2 |
| Temperature Recorder | Optional |
| USB Interface | Y |
| Rs232/485 Interface | Optional |
| CO ₂ Backup System | Optional |
| LN ₂ Backup System | Optional |
| Racks & Boxes | Optional |

Dimensions

| | | |
|-------------------------------|------------------|--------------------|
| Capacity(L/Cu.Ft) | 388/13.7 | |
| Net/Gross Weight(approx) | 255/286(kg) | 562.2/630.5(lbs) |
| Interior Dimensions(W*D*H) | 465*630*1310(mm) | 18.3*24.8*51.6(in) |
| Exterior Dimensions(W*D*H) | 812*893*1980(mm) | 32.0*35.2*78.0(in) |
| Packing Dimensions(W*D*H) | 875*970*2135(mm) | 34.4*38.2*84.1(in) |
| Container load (20'/40'/40'H) | 12/24/24 | |

Accessories & consumables

DW-86L388J

Consumables

| Racks | Part Code | |
|-------------------|--------------------------------------|--------------------------------------|
| Model | DCJ-54-A | DCJ-54-B |
| Q'ty/Layer | 3 | |
| Dimension (W*D*H) | 138*565*293(mm) 5.4*22.2*11.5(in) | 140*565*293(mm) 5.5*22.2*11.5(in) |

| Boxes | Part Code | | | |
|-------------------|------------------|------------|-----------------|-----------|
| Model | T130 | HBB-200-PP | HBB-281-PC | HBB-200-C |
| Material | PP | PP | PC | PC |
| Dimension (W*D*H) | 133*133*53.5(mm) | | 5.2*5.2*2.1(in) | |
| Q'ty/Rack | 20 | | | |

| Total Q'ty | | | | |
|------------|-------|-------|-------|-------|
| Racks | 12 | | | |
| Boxes | 240 | | | |
| Vials | 19440 | 24000 | 19440 | 24000 |

CO₂ Backup System

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

LN₂ 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,UL |
|-------------|-------|

Complementary products



CO₂
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Stainless
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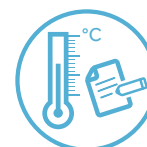
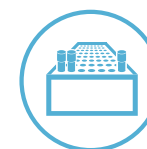


Chart
Recorder



Cryo
Boxes

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Note: If slight difference occurs between pictures and actual products, please refer to actual products. Our company reserves the right of final interpretation to this brochure and please contact with us for further information you might need.

