

# 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



CO<sub>2</sub>  
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)	49

### 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)	650
Electrical Current(A)	5

### 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 <sub>2</sub> Backup System	Optional
LN <sub>2</sub> 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*716*1310(mm)	18.3*28.2*51.6(in)
Exterior Dimensions(W*D*H)	812*980*1980(mm)	32.0*38.6*78.0(in)
Packing Dimensions(W*D*H)	875*1055*2135(mm)	34.4*41.5*84.1(in)
Container load (20'/40'/40'H)	12/24/24	

# Accessories & consumables

## DW-86L388J

### Consumables

Racks		Part Code	
Model	DCJ-55-A	DCJ-55-B	
Q'ty/Layer	6		
Dimension (W*D*H)	138*685*293(mm) 5.4*27.0*11.5(in)	140*685*293(mm) 5.5*27.0*11.5(in)	

Boxes		Part Code	
Model	T130	HBB-200-PP	HBB-281-PC
Material	PP	PP	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	300		
Vials	30000	30000	30000

### 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
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### Others

Certificate	CE
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### Complementary products



CO<sub>2</sub>  
Backup  
Systems



Stainless  
Steel  
Racks

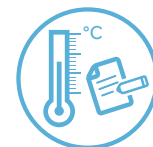
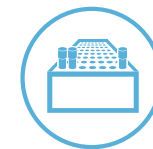


Chart  
Recorder



Cryo  
Boxes

**Haier Biomedical UK**



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