

# Haier Biomedical

Intelligent Protection of Life Science

## -86°C ULT Freezer

DW-86L338J



### 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 7.5kWh/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-86L338J

### 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)	900
Electrical Current(A)	7.5

### 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)	338/11.9	
Net/Gross Weight(approx)	238/278(kg)	524.7/612.9(lbs)
Interior Dimensions(W*D*H)	465*630*1165(mm)	18.3*24.8*45.9(in)
Exterior Dimensions(W*D*H)	812*893*1846(mm)	32.0*35.2*72.7(in)
Packing Dimensions(W*D*H)	875*970*2010(mm)	34.5*38.2*79.1(in)
Container load (20'/40'/40'H)	12/24/24	

# Accessories & consumables

## DW-86L338J

### Consumables

Racks	Part Code	
Model	DCJ-54-A	DCJ-54-B (the 2 <sup>nd</sup> and the 3 <sup>rd</sup> layer)
	DCJ-44-A	DCJ-44-B (the 1 <sup>st</sup> and the 4 <sup>th</sup> layer)
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)
	138*565*240(mm) 5.4*22.2*9.4(in)	140*565*240(mm) 5.5*22.2*9.4(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			
	16			
<b>Total Q'ty</b>				
Racks	6			
Boxes	120			
	96			
Vials	9720	12000	9720	12000
	7776	9600	7776	9600

### Complementary products



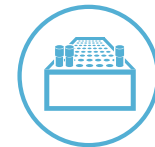
CO2  
Backup  
Systems



Stainless  
Steel  
Racks



Chart  
Recorder



Cryo  
Boxes

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

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

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

Model	HBX-□ 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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#### Haier Biomedical

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