

# Haier Biomedical

Intelligent Protection of Life Science

## -86°C ULT Freezer

DW-86L420J



### Energy Saving



High density insulation, better heat insulation, HC refrigerating technology, more energy saving and environmental friendly, energy consumption reducing 20%, power consumption is 12kWh/day

### Low noise



High quality hermetically sealed compressor with innovative refrigeration cabinet design, noise level lower than 50dB(A), creating a comfortable working environment

### Reliable



Cabinet temperature can reach -86°C with temp uniformity within 6°C

### Complementary products



CO<sub>2</sub>  
Backup  
Systems



Chart  
Recorder



Stainless  
Steel  
Racks



Cryo  
Boxes

# Specifications

## DW-86 W420J

### Technical Data

Type	-86°C ULT Freezer
Cabinet Type	Chest
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	208-230/60
Power(W)	1000	1000
Electrical Current(A)	7.5	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/1
Shelves/Inner Doors	-/3
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)	420/14.8	
Net/Gross Weight(approx)	310/357(kg)	683.4/787.0(lbs)
Interior Dimensions(W*D*H)	1367*462*652(mm)	53.8*18.2*25.7(in)
Exterior Dimensions(W*D*H)	2130*870*1020(mm)	83.9*34.3*40.2(in)
Packing Dimensions(W*D*H)	2195*895*1130(mm)	90.6*38.2*44.5(in)
Container load (20'/40'/40'H)	6/12/24	

# Accessories & consumables

## DW-86W420J

### Consumables

Racks	Part Code
Model	DCJ-10-A
Q'ty/Layer	27
Dimension (W*D*H)	140*140*600(mm) 5.5*5.5*23.6(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	10			

### Total Q'ty

Racks	27			
Boxes	270			
Vials	21870	27000	21870	27000

### 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,UL
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### Complementary products



CO<sub>2</sub>  
Backup  
Systems



Stainless  
Steel  
Racks

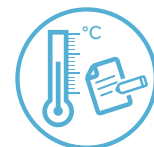
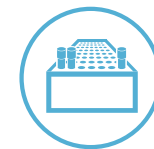


Chart  
Recorder



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.

