

# 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

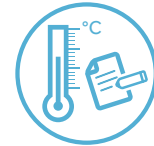
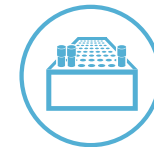


Chart  
Recorder



Cryo  
Boxes



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