

# Haier Biomedical

Intelligent Protection of Life Science

## -86°C ULT Freezer

DW-86W100J



### 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 5 kWh/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 5°C

### Complementary products



CO<sub>2</sub>  
Backup  
Systems

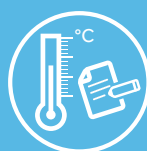


Chart  
Recorder



Stainless  
Steel  
Racks



Cryo  
Boxes

# Specifications

## DW-86W100J

### Technical Data

Type	-86°C ULT Freezer
Cabinet Type	Chest
Climate Class	N
Cooling Type	Direct cooling
Defrost Mode	Manual
Refrigerant	HC
Noise Lever (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)	550
Electrical Current(A)	4

### 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	-/1
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)	100/3.5	
Net/Gross Weight(approx)	138/160(kg)	304.2/352.7(lbs)
Interior Dimensions(W*D*H)	470*450*480(mm)	18.5*17.7*18.9(in)
Exterior Dimensions(W*D*H)	769*825*1120(mm)	30.3*32.5*44.1(in)
Packing Dimensions(W*D*H)	845*855*1250(mm)	33.3*33.7*49.2(in)
Container load (20'/40'/40'H)	12/24/48	

# Accessories & consumables

## DW-86 W100J

### Consumables

Racks	Part Code
Model	DCJ-08-A
Q'ty/Layer	9
Dimension (W*D*H)	140*140*480(mm) 5.5*5.5*18.9(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	8			

#### Total Q'ty

Racks	9			
Boxes	72			
Vials	5832	7200	5832	7200

### 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

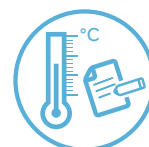
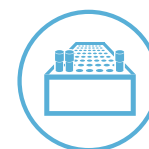


Chart  
Recorder



Cryo  
Boxes

**Haier Biomedical UK**



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# WolfLabs

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The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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