

# Haier Biomedical

Intelligent Protection of Life Science

## -86°C ULT Freezer

DW-86L828J



### 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 12 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 4°C

### Complementary products



CO<sub>2</sub>  
Backup  
Systems



Chart  
Recorder



Stainless  
Steel  
Racks



Cryo  
Boxes

# Specifications

## DW-86L828J

### 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)	1000
Electrical Current(A)	10

### 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	3/4
Temperature Recorder	Optional
USB Interface	Y
Rs232/485 Interface	Optional
CO2 Backup System	Optional
LN2 Backup System	Optional
Racks & Boxes	Optional

### Dimensions

Capacity(L/Cu.Ft)	828/29.2	
Net/Gross Weight(approx)	380/410(kg)	837.8/903.9(lbs)
Interior Dimensions(W*D*H)	870*716*1310(mm)	34.3*28.2*51.6(in)
Exterior Dimensions(W*D*H)	1145*980*1980(mm)	45.1*38.6*78.0(in)
Packing Dimensions(W*D*H)	1190*1045*2150(mm)	46.9*41.1*84.6(in)
Container load (20'/40'/40'H)	8/20/20	

# Accessories & consumables

## DW-86L828J

### 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	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	25			

#### Total Q'ty

Racks	24			
Boxes	600			
Vials	48600	60000	48600	60000

### 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

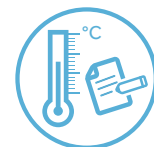
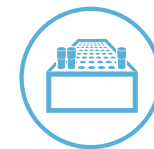


Chart  
Recorder



Cryo  
Boxes

## Haier Medical and Laboratory Products Co., Ltd

Brand Building, Haier Industrial Park, No. 1  
Haier Road, Qingdao, 266101, P.R.China  
Tel: +86-0532-88936011 / 5955  
Website: www.haiermedical.com



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.

