

Haier Biomedical

Intelligent Protection of Life Science

-86°C ULT Freezer DW-86L490J



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 11.5 kWh/day



Double door design

More convenient to be used by different users



Reliable

Cabinet temperature can reach -86°C with temp uniformity within 4°C

Complementary products



CO₂
Backup
Systems



Chart
Recorder



Stainless
Steel



Cryo

Specifications

DW-86L490J

Technical Data

Type	-86°C ULT Freezer
Cabinet Type	Upright
Climate Class	N
Cooling Type	Direct cooling
Defrost Mode	Manual
Refrigerant	HC
Noise Lever (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)	900	1000
Electrical Current(A)	8	8

Functions

High/Low Temperature	Y
Remote Alarm	Y
Hot Condenser	Y
Power Failure	Y
Sensor Error	Y
Low Battery	Y
High Ambient T	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
CO ₂ Backup System	Optional
LN ₂ Backup System	Optional
Racks & Boxes	Optional

Dimensions

Capacity(L/Cu.Ft)	490/17.3	
Net/Gross Weight(approx)	295/335(kg)	650.4/738.5(lbs)
Interior Dimensions(W*D*H)	590*630*1310(mm)	23.2*24.8*51.6(in)
Exterior Dimensions(W*D*H)	860*900*1980(mm)	33.9*35.4*78.0(in)
Packing Dimensions(W*D*H)	925*985*2150(mm)	36.4*38.8*84.6(in)

Accessories & consumables

DW-86L490J

Consumables

Racks		Part Code		
Model	DCJ-54-A	DCJ-54-B (the 1 st and the 2 nd layer)		
	DCJ-44-A	DCJ-44-B (the 3 rd and the 4 th layer)		
Q'ty/Layer	4			
Dimension (W*D*H)	138*565*293(mm)	140*565*293(mm)		
	5.4*22.2*11.5(in)	5.5*22.2*11.5(in)		
	138*565*240(mm)	140*565*240(mm)		
	5.4*22.2*9.4(in)	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			
Total Q'ty				
Racks	8			
Boxes	160			
	128			
Vials	12960	16000	12960	16000
	10368	12800	10368	12800

Complementary products



CO2
Backup
Systems



Stainless
Steel
Racks

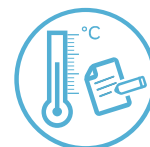
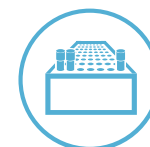


Chart
Recorder



Cryo
Boxes

CO₂ Backup System

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

LN₂ 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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NELSON JAMESON
INC.

**Haier Medical and Laboratory
Products Co., Ltd**

Brand Building, Haier Industrial Park, No. 1

Haier Road, Qindao, 266101, P.R. China



Note: If slight difference occurs between pictures and actual products, please refer to actual products.

