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

- CO_2 Backup Systems
- Chart Recorder
- Stainless Steel Racks
- Cryo Boxes

Specifications
DW-86L490J

Technical Data

Type	-86°C ULT Freeer
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 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
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)
Container load (20'/40'/40'H)		12/24/24

Accessories & consumables

DW-86L490J

Consumables

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

CO_2 Backup System

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

LN_2 Backup System

Model	HBX-ⅡA
Temperature range	-90°C to -135°C

Chart Recorder

Temperature range	+50°C to -115°C

Others

Certificate	CE /

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Complementary products

CO2 Backup Systems

Stainless Steel Racks

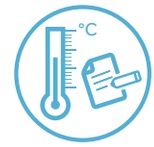
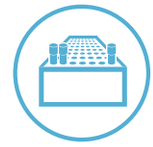


Chart Recorder



Cryo Boxes

Intelligent Protection of Life Science

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