

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
Racks



Cryo
Boxes

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 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)	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	