

Haier Biomedical

Intelligent Protection of Life Science

-86°C ULT Freezer

DW-86L420J



Energy Saving



High density insulation, better heat insulation, HC refrigerating technology, more energy saving and environmental friendly, energy consumption reducing 20%, power consumption is 12kWh/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 6°C

Complementary products



CO₂
Backup
Systems



Chart
Recorder



Stainless
Steel
Racks



Cryo
Boxes

Specifications

DW-86 W420J

Technical Data

Type	-86°C ULT Freezer
Cabinet Type	Chest
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)	1000	1000
Electrical Current(A)	7.5	7.5

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	-/3
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)	420/14.8	
Net/Gross Weight(approx)	310/357(kg)	683.4/787.0(lbs)
Interior Dimensions(W*D*H)	1367*462*652(mm)	53.8*18.2*25.7(in)
Exterior Dimensions(W*D*H)	2130*870*1020(mm)	83.9*34.3*40.2(in)
Packing Dimensions(W*D*H)	2195*895*1130(mm)	90.6*38.2*44.5(in)
Container load (20'/40'/40'H)	6/12/24	

Accessories & consumables

DW-86W420J

Consumables

Racks	Part Code
Model	DCJ-10-A
Q'ty/Layer	27
Dimension (W*D*H)	140*140*600(mm) 5.5*5.5*23.6(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	10			

Total Q'ty

Racks	27			
Boxes	270			
Vials	21870	27000	21870	27000

Complementary products



CO2 Backup Systems



Stainless Steel Racks

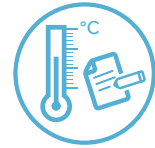
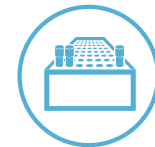


Chart Recorder



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,UL
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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.



Ihr Fachhändler:

Buchner Labortechnik // Hochstr. 1 // 85276 Pfaffenhofen // Tel.: +49 (0)8441 803060 //
Fax: +49 (0)8441 803071 // Mail: info@Laborgeraete.com // www.Laborgeraete.com