

Haier Biomedical

Intelligent Protection of Life Science

-86°C ULT Freezer

DW-86L728J&

DW-86L728JA



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 10.5 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 5°C



Superior performance

VIP insulaion material

Complementary products



CO₂
Backup
Systems



Chart
Recorder



Stainless
Steel
Racks



Cryo
Boxes

Specifications

DW-86L728J&DW-86L728JA

Technical Data

Cabinet Type	Upright
Climate Class	N
Cooling Type	Direct cooling
Defrost Mode	Manual
Refrigerant	HC
Sound level (dB(A))	50

Performance

Cooling performance (°C)	-86
Temperature Range (°C)	-40~-86

Control

Controller	Microprocessor
Display	LED

Electrical Data

	DW-86L728J	DW-86L728JA
Power Supply (V/Hz)	120/60	208~230/60
Electrical Current (A)	18	10
Power (W)	1000	
Power Consumption (kWh/24h)	10.5	
Capacity (L/Cu.Ft)	728/25.7	

Construction

Net/Gross Weight (approx)	kg	345/385
	lbs	760.6/848.8
Interior Dimension (W*D*H)	mm	766*716*1310
	in	30.2*28.2*51.6
Exterior Dimension (W*D*H)	mm	1049*980*1980
	in	41.3*38.6*78.0
Packing Dimension (W*D*H)	mm	1093*1048*2127
	in	42.9*41.3*84.6

Construction

Container load (20'/40'/40'H)	12/20/20
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Alarms

High/Low Temperature	Y
Hot Condenser	Y
Power Failure	Y
Sensor Error	Y
Low Battery	Y
High Ambient Temperature	Y
Door Ajar	Y

Accessories

Caster	Y
Foot	Y
Porthole	Y/2
Shelves/Inner doors	3/4
USB Interface	Y
Remote Alarm (Dry contacts)	Y
5V Power Supply Port	Y
Temperature Recorder	Optional
RS232/485 Port	Optional
CO ₂ Backup System	Optional
LN ₂ Backup System	Optional

Certifications

UL	Y
ENERGY STAR	Y

Accessories & Consumables

DW-86L728J&DW-86L728JA

Consumables

Internal-threaded

Classification	Model	Quantity
Rack	DCJ-55-B (SUS304)	20
Box	H-B100-2PP	500
Tube	H-IS2	50000

External-threaded

Classification	Model	Quantity
Rack	DCJ-55-B (SUS304)	20
Box	H-B81-2PP	500
Tube	H-OS2	40500

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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Complementary Products



CO₂
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Stainless
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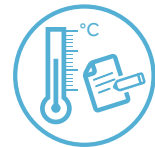
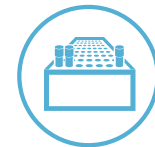


Chart
Recorder



Cryo
Boxes

Haier Biomedical

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International



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