



Available from:
CCAT Scientific 0800 222 812 info@ccat.co.nz

Intelligent Protection
of Life Science

-86°C ULT Freezer DW-86L728J



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

Complementary products



CO₂
Backup
Systems



Chart
Recorder



Stainless
Steel
Racks



Cryo
Boxes

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Specifications

DW-86L728J

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
Power(W)	1000
Electrical Current(A)	10

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)	728/25.7	
Net/Gross Weight(approx)	345/385(kg)	760.6/848.8(lbs)
Interior Dimensions(W*D*H)	766*716*1310(mm)	30.2*28.2*51.6(in)
Exterior Dimensions(W*D*H)	1041*980*1980(mm)	41.0*38.6*78.0(in)
Packing Dimensions(W*D*H)	1090*1050*2150(mm)	42.9*41.3*84.6(in)
Container load (20'/40'/40'H)	12/20/20	