



GENEVA SCIENTIFIC

LAB EQUIPMENT SOLUTIONS

-86 C Ultra Low Temperature Freezer Chest - UC12



Model	DW-86L578J
Exterior Dimensions (WxDxH)	83.9" x 34.3" x 40.2"
Interior Dimensions (WxDxH)	53.8" x 18.2" x 25.7"
Temp Range	-40°C ~ -86°C
Interior Capacity	14.8 cu.ft./420 L
Inner doors	3
Sound Level (dB(A))	49
Defrost Mode	Manual

Scope of Application

*The Ultra Low Temperature Chest Freezer is the most energy efficient, low noise and reliable performance of its kind.

*Used for the storage and protection of valuable samples which require strict and continuous storage conditions

Energy Saving Refrigeration

*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%

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

USB Port

*Enables users to download in real-time temperature data

Multi-layer Sealing Structure

*Double foam combination with an inside and outside five-layer seal gasket design.

*Uses the super-thick VIP, heat preservation insulation increases efficiency by 20%. The whole freezer achieving energy savings of 50%

Microprocessor

* Microprocessor electronic temperature controller, LCD digital temperature display.

*Multiple alarms including high and low temperature, sensor error, power failure, door ajar, high ambient and remote alarm.

*Alarm mode: sound and light alarm.

*Capable of connecting to remote alarm.

Noise

*Super silent and energy-saving fan combined with special noise reduction cabinet design lowering the noise level to 49 dB(A).

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Filter

*Located at the front of the engine compartment, the filter can be removed without tools allowing for cleaning and easy maintenance

Improved Handle Design

*Lockable handle safeguards samples. A padlock can also be added for extra sample safety

Shelves

*Three (3) stainless steel adjustable shelves (23.7" W x 27.7" D) with max capacity of 88.2 lbs per shelf spaced to ensure superior temperature uniformity within the cabinet

Adjustable Legs

*4 casters, with 2 manually adjustable stabilizer for leveling, which ensures the unit is easy to move and lock

Chart Recorder

*Will independently record and monitor the temperature data

Electrical Requirements

*Consult Geneva Scientific for electrical requirements and amperage draw

Certified

*UL and Energy Star certified and conform to the U.S. national-grade Rebate Program

Options

*Wireless Monitoring Connectivity

*Check real-time operating status via mobile phone or palmtop, simple and reliable



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Specifications are subject to change without notice.
rev. 01/22