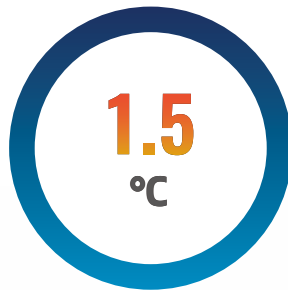


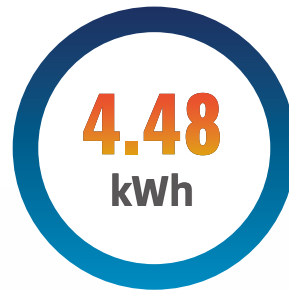
-86°C ULT Freezer

All-new Upgraded Cabinet Platform

An inverter-driven ultra-low temperature freezer.



Temp.Fluctuation



Daily Consumption



Cooling Time

**Typical data based on internal prototype testing with set point at -80°C and ambient temperature at 25°C, may vary between units.*

DW-HL110V

Features



Inverter Compressor

It utilizes inverter-based cooling technology.



HC Refrigerant

Environment-friendly natural gas



Stainless Steel Interior(Optional)

Easy to clean and durable, anti-corrosion



Touch Screen

10.1"LCD touch screen



Platform Structure Optimization

It can accommodate 9,000 cryotubes

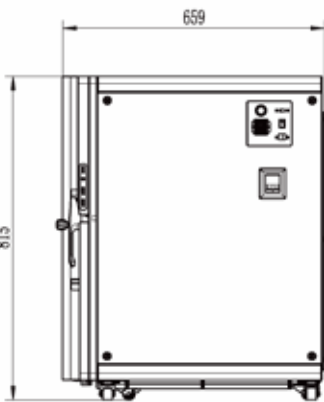
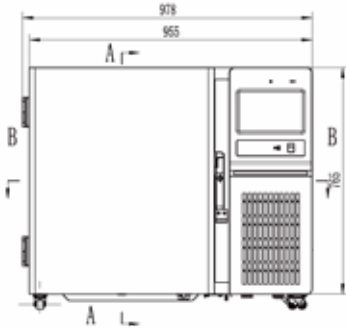


Compact Size

Reduced Height and Width

Structure





-86°C Ultra-low Temperature Freezer		
Model	DW-HL110V	
Capacity	110L/3.88Cu.Ft	
Internal Size (W*D*H) mm/Inch	435*426*582/17.13*16.77*22.91	
External Size (W*D*H) mm/Inch	978*662*815/38.5*26.06*32.09	
Package Size (W*D*H) mm/Inch	1060*740*1000/41.73*29.13*39.37	
NW (Kgs/Lbs)	119/262.35	
GW (Kgs/Lbs)	138/304.2 (Carton+Wooden Pallet)	
Performance		
Temperature Range	-40~-86°C	
Ambient Temperature	16~32°C	
Cooling Performance	-86°C	
Climate Class	N	
Controller	Microprocessor	
Display	10.1 HD Intelligent Touch Screen	
Refrigeration		
Compressor	1pc	
Cooling Method	Direct Cooling	
Defrost Mode	Manual	
Refrigerant	HC	
Insulation Thickness(mm)	L:90/R:110 B:85	
Construction		
External Material	Cold Rolled Steel Sheet	
Inner Material	Galvanized Sheet(Optional Stainless Steel)	
Shelves	1(Stainless Steel)	
Access Test Port	1pc. Ø 25 mm	
Casters	4(2 with Brake)	
Data Logging/ Interval /Recording Time	USB/Record Every 5 Minutes/10 Years	
Interface	Remote Alarm Contact, RS485	
Backup Battery	Yes	
Alarms		
Temperature	High/Low Temperature, Hot Condenser, High Ambient Temperature	
Electrical	Power Failure, Low Battery, Power Detection Failure, High pressure	
System	Sensor Error, Door Ajar,Communication Failure	
Electrical		
Power Supply(V/Hz)	110-120V, 50/60Hz	220-240V, 50/60Hz
Rated Current(A)	9.4A	4.2A
Others		
Certification	UL	