

# Best Seller

## -86°C ULT Freezer

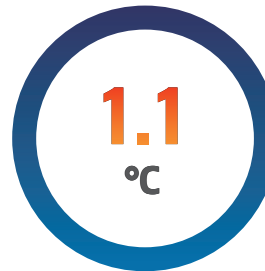
DW-HL578 is designed and manufactured for long term storage of various biological products.



**DW-HL578**



\*Daily Consumption



\*Temp. Uniformity



\*Temp. Recovery After Door Opened for 1 Min

*\*Typical freezer data based on internal testing with freezer set point at -80°C and ambient temperature at 25°C.*

## Features



**Brand Compressor**  
High Efficiency



**Temperature Control System**  
Display temp. in 0.1°C increments



**Vacuum Insulation**  
VIP insulation foaming



**Hydrocarbon Refrigerant**  
Environment-friendly  
Natural Gas



**CO<sub>2</sub> Back Up System**  
Optional for extra security for sample

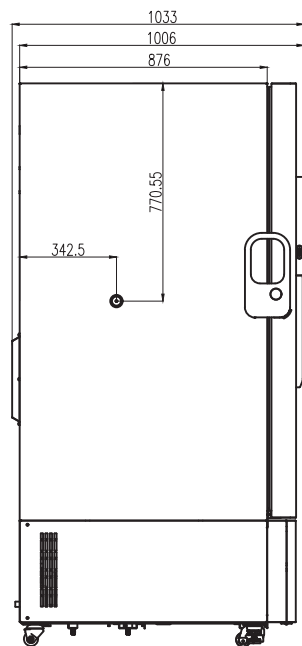
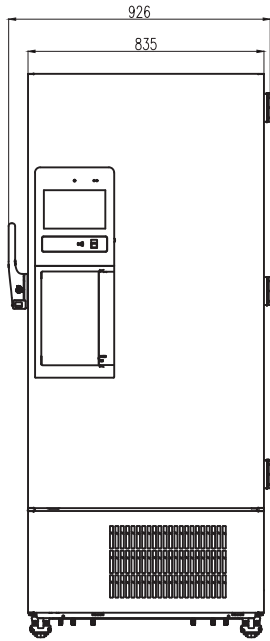


**Alarms System**  
Multiple alarm functions

## Structure



## ● Dimensions



## ● Specification

<b>-86°C Ultra-low Temperature Freezer</b>	
Model	DW-HL578
Capacity	578L/20.41Cu.Ft
Internal Size (W*D*H) mm/Inch	615*712*1290/24.21*28.03*50.79
External Size (W*D*H) mm/Inch	926*1031*1994/36.46*40.59*78.5
Package Size (W*D*H) mm/Inch	1005*1160*2132/39.6*45.7*83.9
NW(Kgs/Lbs)	270/595.25
GW(Kgs/Lbs)	/
<b>Performance</b>	
Temperature Range	-40~-86°C
Ambient Temperature	16~32°C
Cooling Performance	-86°C
Climate Class	N
Controller	Microprocessor
Display	Touch Screen
<b>Refrigeration</b>	
Compressor	1pc
Cooling Method	Direct Cooling
Defrost Mode	Manual
Refrigerant	HC
Insulation Thickness(mm)	D:104, L/R:110, B:110
<b>Construction</b>	
External Material	Cold Rolled Steel Sheet
Inner Material	Galvanized Sheet
Shelves	3
Access Test Port	2pc. Ø25mm
Casters	4
Data Logging/ Interval /Recording Time	USB/Record Every 5 Minutes/10Years
Interface	Remote Alarm Contact, RS485
Backup Battery	Yes
<b>Alarms</b>	
Temperature	High/Low Temperature, High Ambient Temperature, Condenser High Temperature Alarm
Electrical	Power Failure, Low Battery, Sensor Error, Battery Power Detection Failure
System	Data Communication Failure, Door Ajar
<b>Electrical</b>	
Power Supply(V/Hz)	220~240V/50Hz
Rated Current(A)	5.7A

## ● Options

### Optional Features: CO<sub>2</sub> back up system

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