

-86°C ULT Freezer
Dual Cooling System

The unit is equipped with two independent refrigeration systems, this ultra-low temperature freezer ensures uninterrupted protection. If one compressor is not functioning, the other compressor will maintain the temperature at -80°C to ensure the samples safety(AT25°C)

2.5 ℃ — Temp.Uniformity

7.77 kWh — Daily Consumption

180 Mins — *Pull Down to -80°C

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

DW-HL578T

Features

Dual System
Two high-efficiency refrigeration systems

Compressors
Two brand compressors

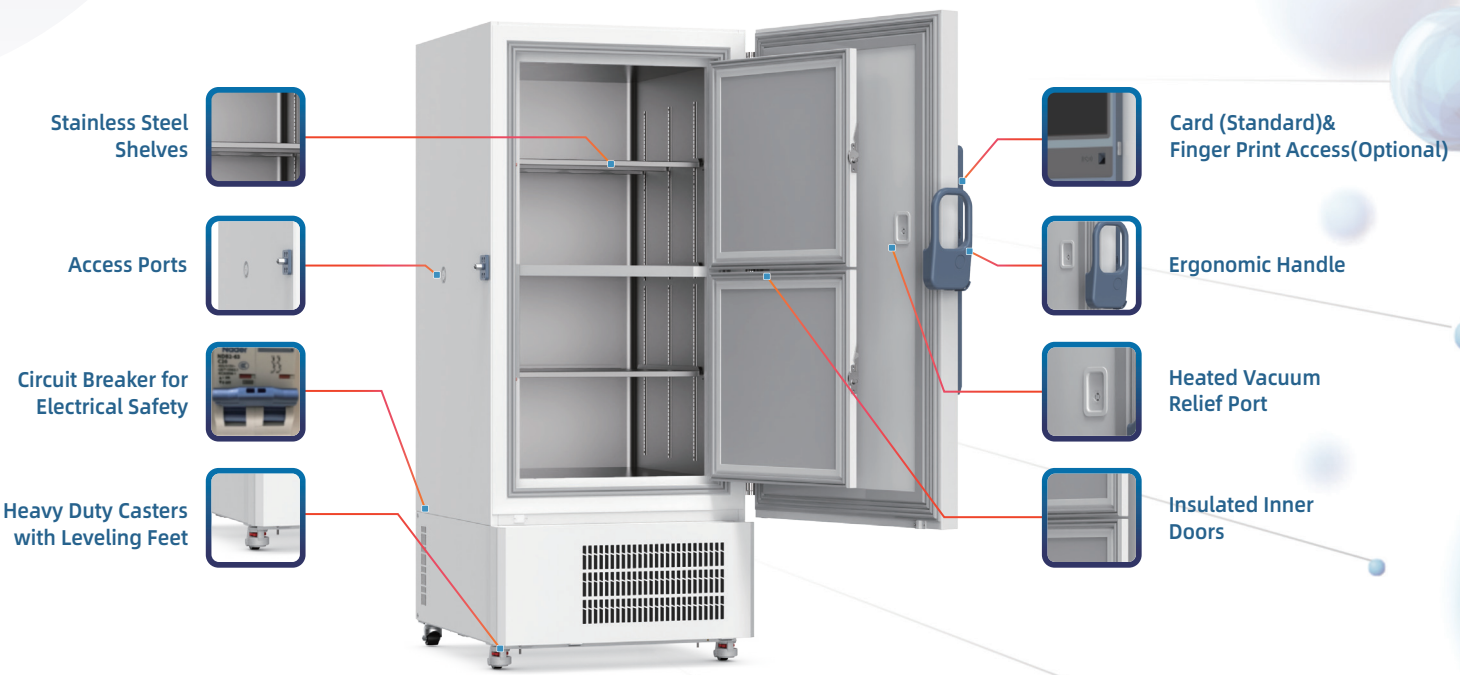
Ergonomic Handle
Improved handle design

Touch Screen
10"LCD touch screen

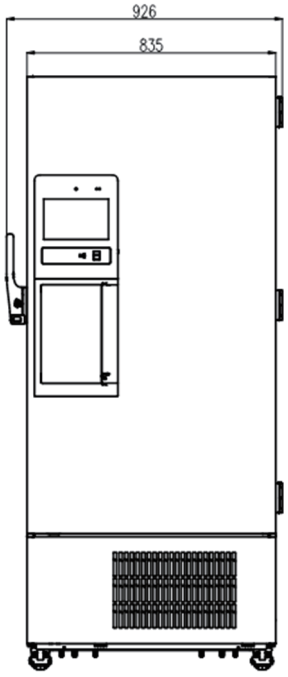
Vaccum Insulation
VIP insulation foaming

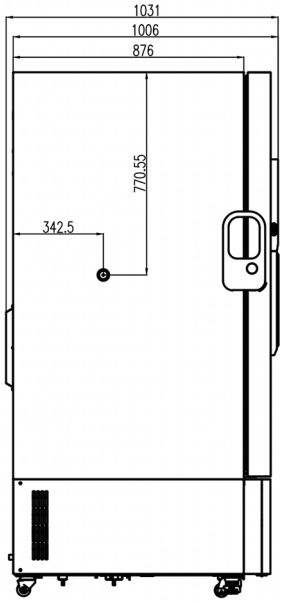
Alarms System
Multiple alarm functions

Structure



Dimensions





Specifications

-86℃ Ultra-low Temperature Freezer	
Model	DW-HL578T
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	1020*1140*2132/40.16*44.88*83.94
NW (Kgs/Lbs)	294/648.2
GW (Kgs/Lbs)	332/731.93
Performance	
Temperature Range	-40~-86°C
Ambient Temperature	16~32°C
Cooling Performance	-86°C
Climate Class	N
Controller	Microprocessor
Display	10"HD Intelligent Touch Screen
Refrigeration	
Compressor	2pc
Cooling Method	Direct Cooling
Defrost Mode	Manual
Refrigerant	HC
Insulation Thickness(mm)	D:104, L/R: 110, B: 110
Construction	
External Material	Cold Rolled Steel Sheet
Inner Material	Galvanized Sheet(Optional Stainless Steel)
Shelves	3(Stainless Steel)
Access Test Port	2pc. Ø 25 mm
Casters	4 casters (2 leveling feet)
Data Logging/ Interval /Recording Time	USB/Record Every 5 Minutes/10 Years
Interface	Remote Alarm Contact, RS485, WIFI, 5V Power Interface, Network Port
Backup Battery	Yes
Alarms	
Temperature	High/Low Temperature, High Ambient Temperature, Condenser High Temperature Alarm
Electrical	Power Failure, Low Battery, Battery Power Detection Failure
System	Data Communication Failure, Door Ajar,Condenser Sensor Failure, Temperature Sensor Failure
Battery backup(Optional)	Built-in rechargeable battery backupfor alarms and display (minimum 48 hours)
Electrical	
Power Supply(V/Hz)	220~240V, 50Hz
Rated Current(A)	9.5A
Certification	CE
Accessories	
Freezer Rack Model	ZKL304-552B-CT
Freezer Rack/Box/Tubes (quantity)	16/400/40000

*Zhongke Meiling reserves the right to change products and specifications without prior notice.

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