

# -86°C ULT freezer

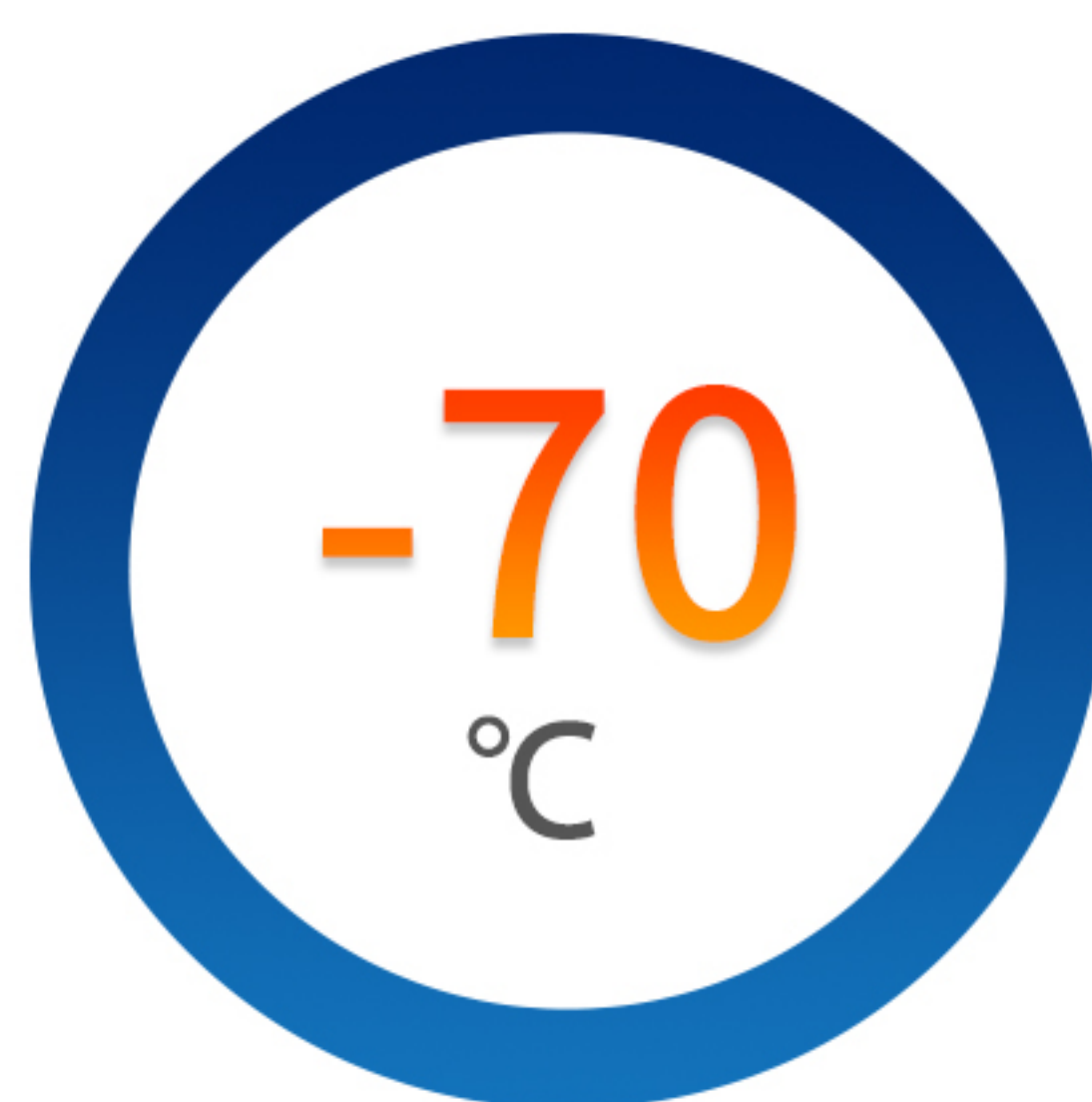
## Twincore Series:

One compressor Disconnected And The Other Keeps The Machine Running at -70 Degrees.

Targeted Refrigeration • Fast Refrigeration  
Energy-saving & Environmentally Friendly  
Awarded with the Second Prize under State Technological Invention



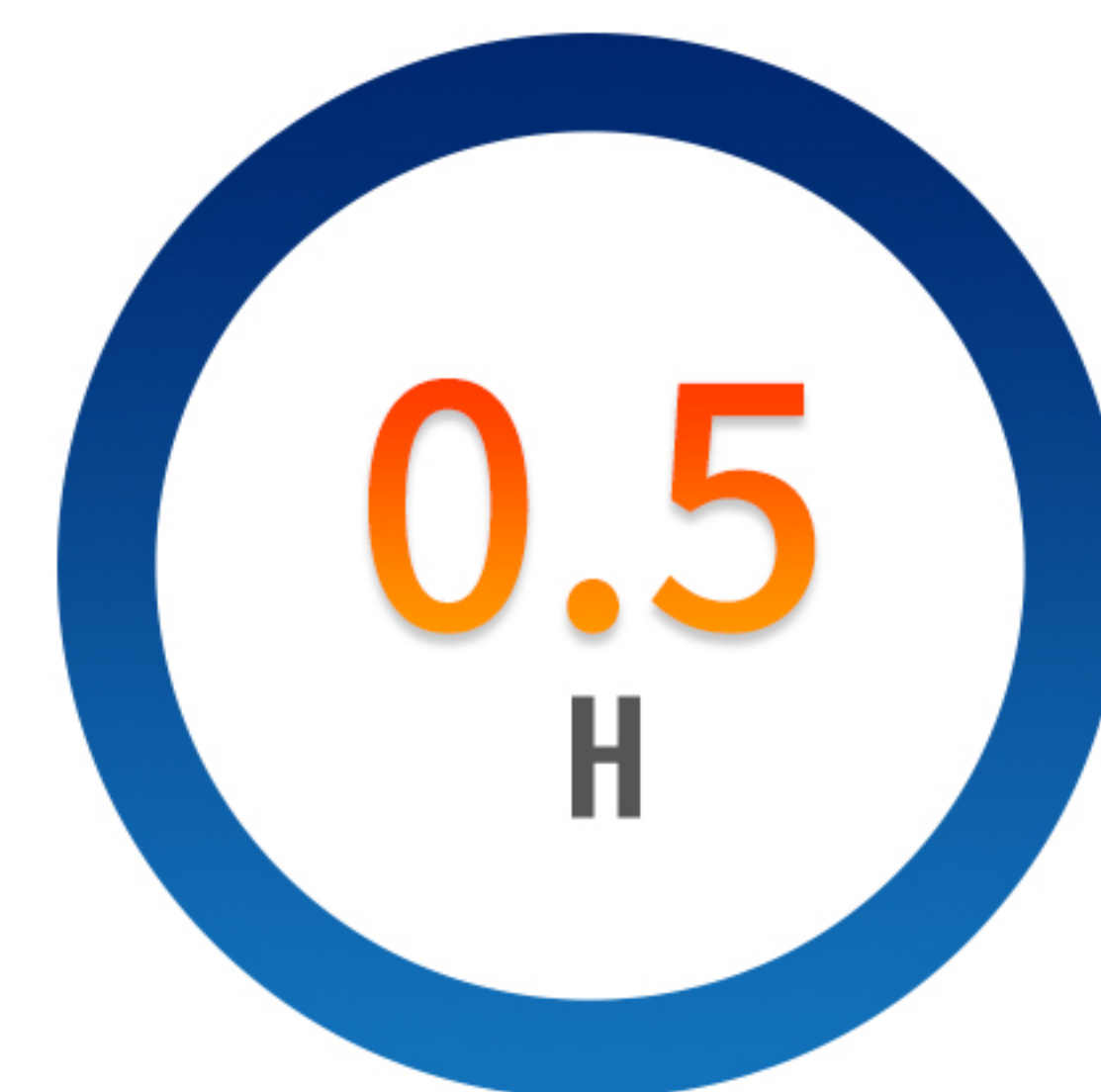
**DW-HL778**



One compressor disconnected, the other can keep



Pulling down to -80°C



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 22°C.

## Features



Industrial twin-compressor



Touch screen  
7"LCD touch screen



Hydrocarbon refrigerant  
Environment-friendly natural gas



CE certificate

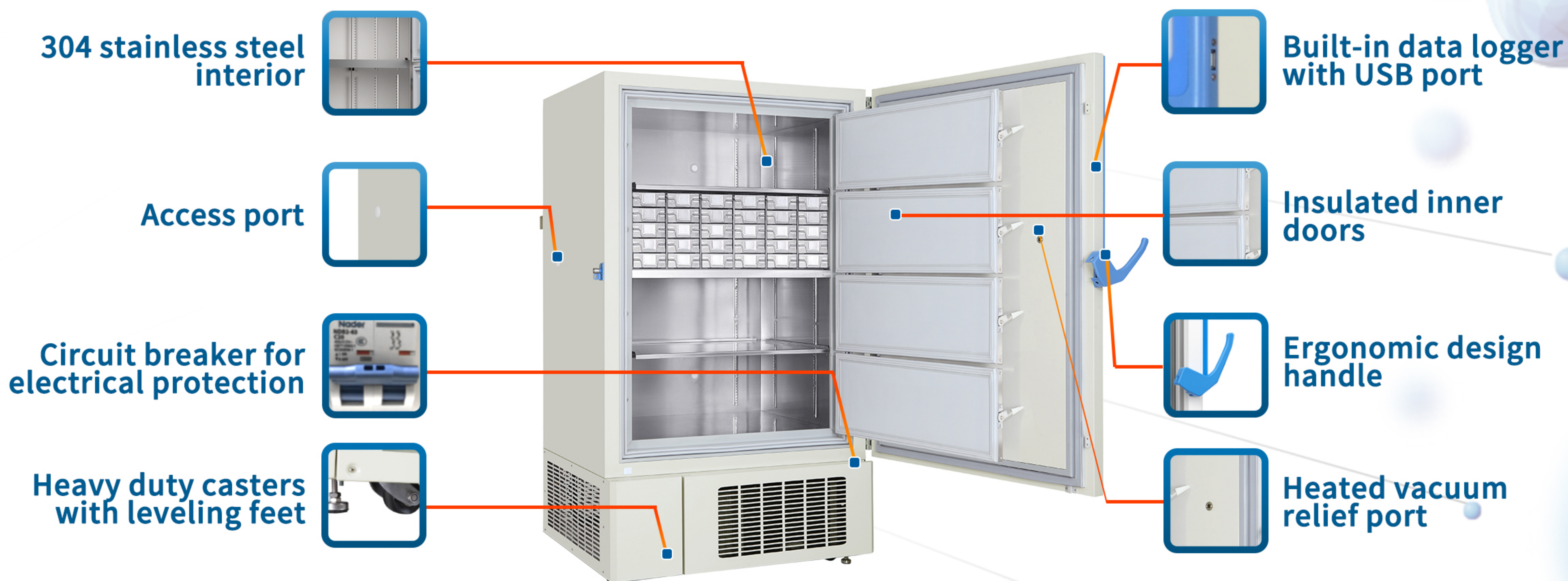


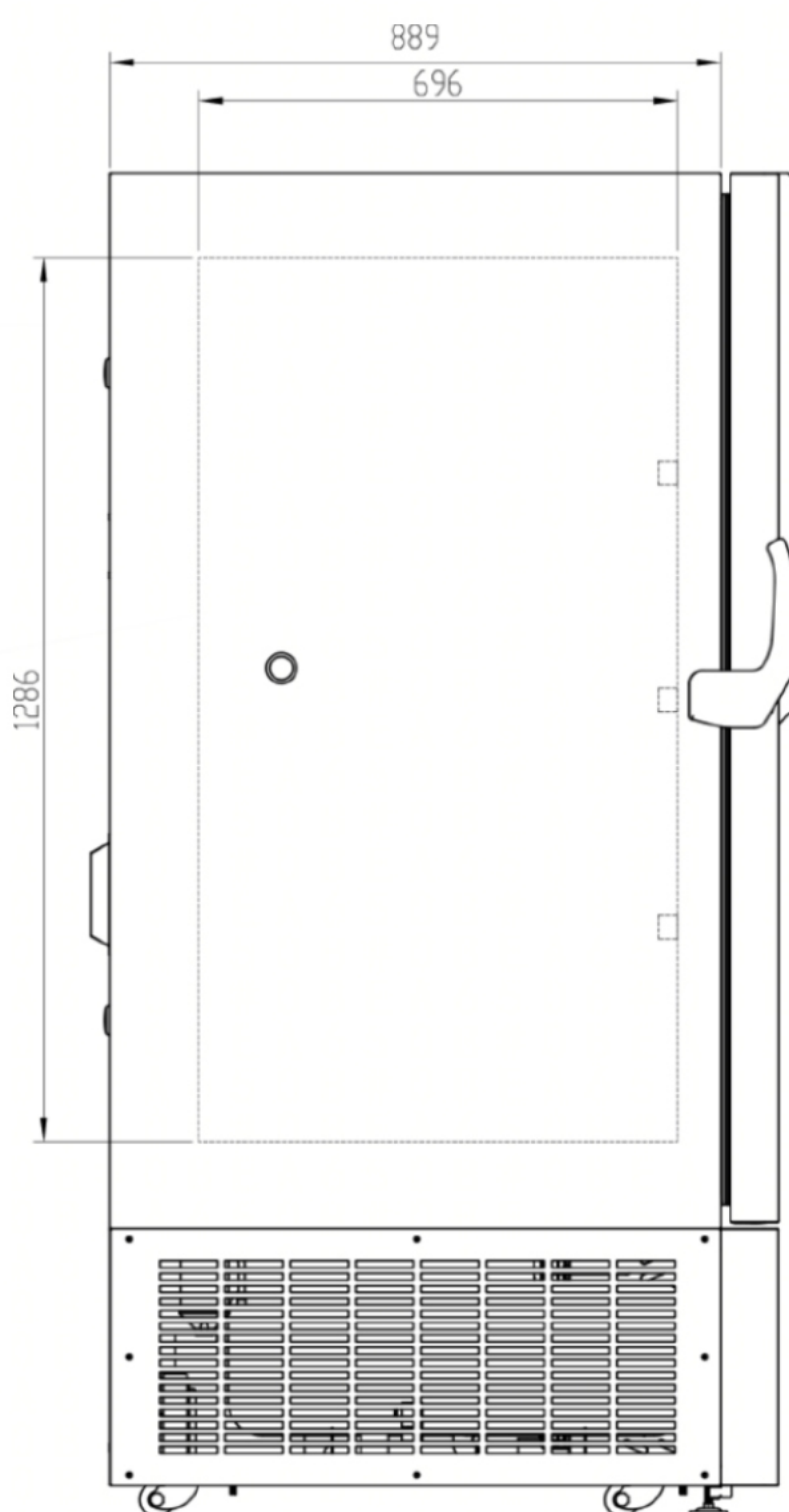
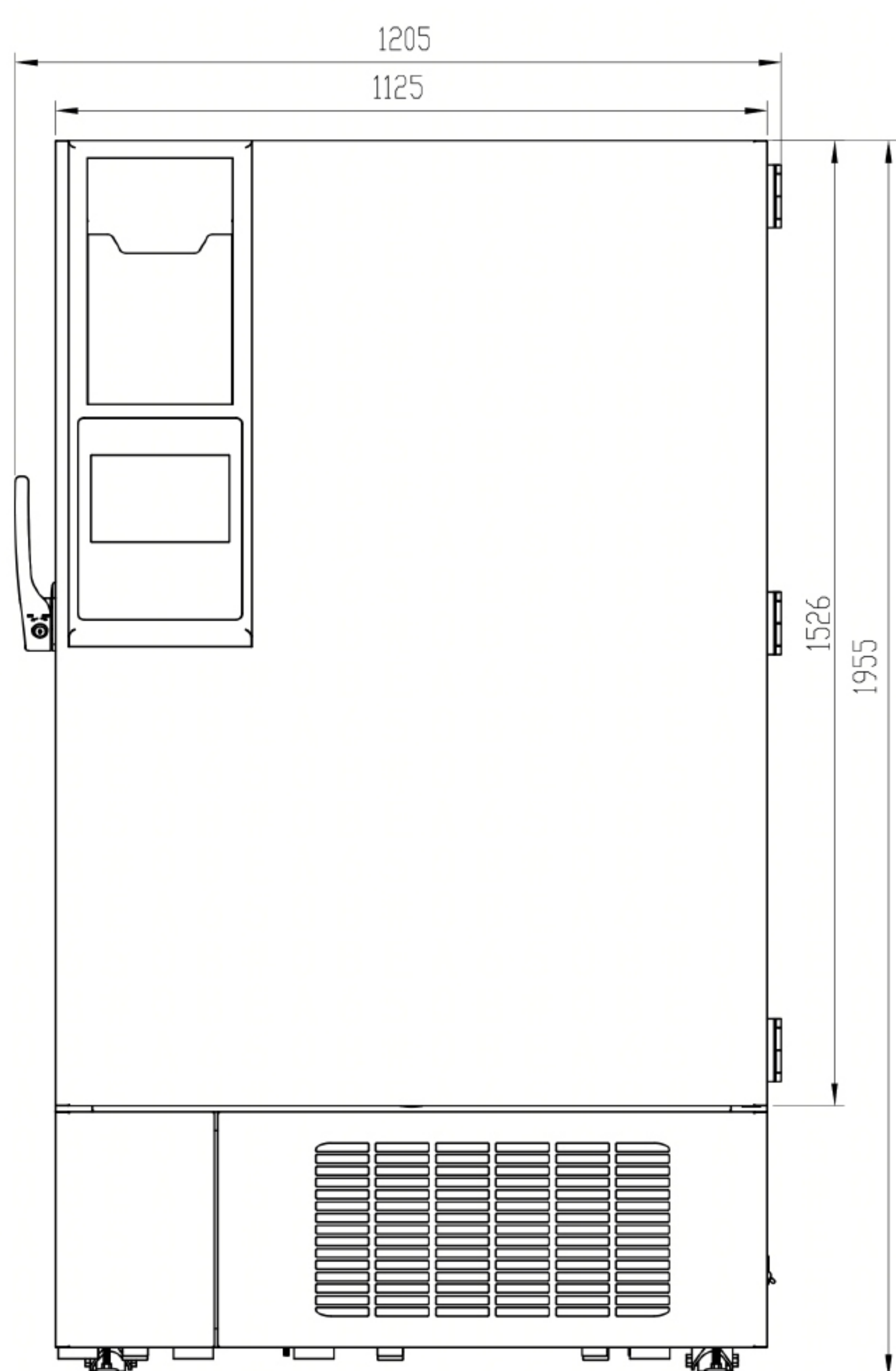
Vacuum insulation  
VIP insulation foaming



Alarms system  
Multiple alarm functions

## Structure





<b>-86°C Ultra-low Temperature Freezer</b>		
Model	DW-HL778	
Capacity	778L/27.5Cu.Ft.	
Internal Size (W*D*H) mm/Inch	865*696*1286/34.0*27.4*50.6	
External Size (W*D*H) mm/Inch	1205*1025*1955/47.4*40.4*77.0	
Package Size (W*D*H) mm/Inch	1285*1145*2127/50.6*45.1*83.7	
NW/GW (kgs)	365/418(Paper packaging)455(Wooden packaging)	
<b>Performance</b>		
Temperature Range	-40~-86°C	
Ambient Temperature	16-32°C	
Cooling Performance	-86°C	
Climate Class	N	
Controller	Microprocessor	
Display	7" HD Intelligent Touch Screen	
<b>Refrigeration</b>		
Compressors	2pcs	
Cooling Method	Direct Cooling	
Defrost Mode	Manual	
Refrigerants	HC	Mixed
Insulation Thickness(mm)	D:100, L/R:130, B:130	
<b>Construction</b>		
External Material	Cold Rolled Steel Sheet	
Inner Material	Stainless Steel	
Shelves	3(stainless steel)	
Access Test Port	3pcs. Ø 25 mm	
Casters	4+(2 leveling feet)	
Data Logging/ Interval /Recording Time	USB/Record every 5 minutes / 10 years	
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>Accessories</b>		
Freezer Rack Model	ZKL304-552B-CT	
Freezer Rack/Box (Quantity)	24/600	
<b>Electrical Data</b>		
Power Supply(V/HZ)	220-240V/50Hz	220-240V/60Hz
Rated Current (A)	10.56A	9.91A