

DW-HL1008HC with twin- compressors, if one is damaged, the other one could keep the temperature at -70°C stably.



Temp. uniformity



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.

## DW-HL1008HC

## Features



**Twins cooling system**  
Two compressors in parallel



**Touch screen**  
7"LCD touch screen



**Hydrocarbon refrigerant**  
Environment-friendly natural gas



**CE certificate**



**Vacuum insulation**  
VIP insulation foaming

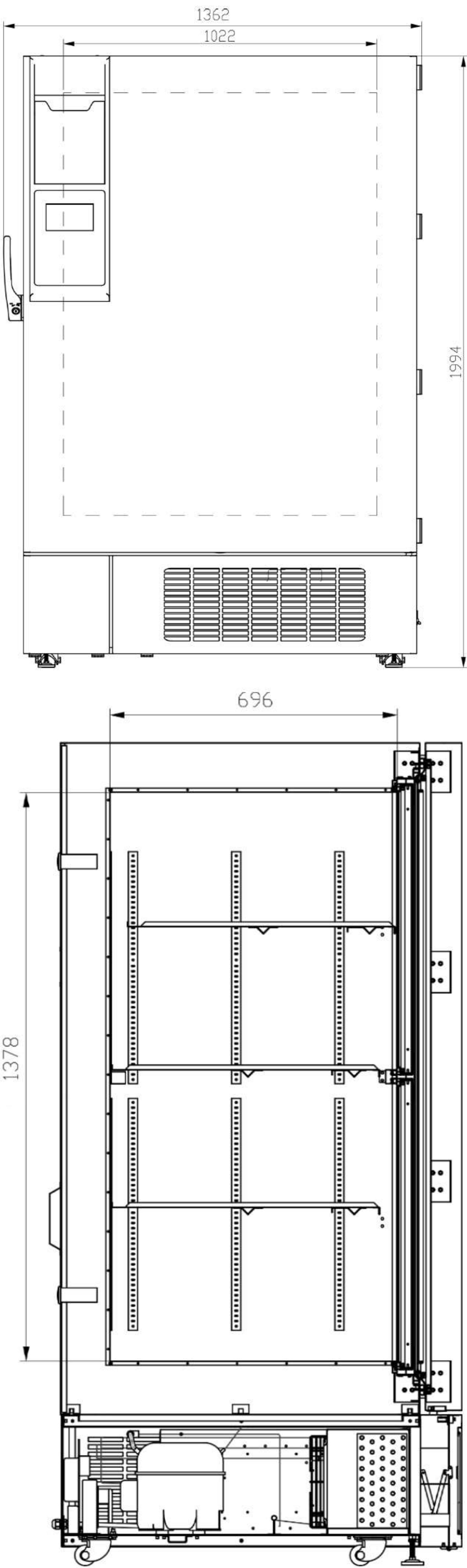


**Alarms system**  
10 kinds of alarm functions

## Structure







-86°C Ultra-low Temperature Freezer	
Model	DW-HL1008HC
Power Supply(V/HZ)	220-240/50
Capacity	1008L/35.6Cu.Ft.
Internal Size (W*D*H) mm/Inch	1022*696*1378/40.2*27.4*54.3
External Size (W*D*H) mm/Inch	1362*1025*1994/53.6*40.4*78.5
Package Size (W*D*H) mm/Inch	1473*1155*2176/58.0*45.5*85.7
NW/GW (kgs)	426/516
Performance	
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
Refrigeration	
Compressors	2pcs
Cooling Method	Direct Cooling
Defrost Mode	Manual
Refrigerants	HC
Insulation Thickness(mm)	130
Construction	
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
Alarms	
Temperature	High/Low temperature, High ambient temperature
Electrical	Power failure, Low battery, Battery power detection failure
System	Sensor failure, Main board communication error, Condenser overheating alarm, Door ajar
Accessories	
Freezer Rack Model	ZKL304-552B-CT
Freezer Rack/Box (Quantity)	28/770

● **Options**

**TwinDrive Eco models support following optional features:**

- Modbus protocol for data transfer
- Card access or finger print access
- Comform to 21 CFR 11 regulation
- CO2 back up system
- Inkless temperature chart recorder
- Racks & Boxes & Tubes