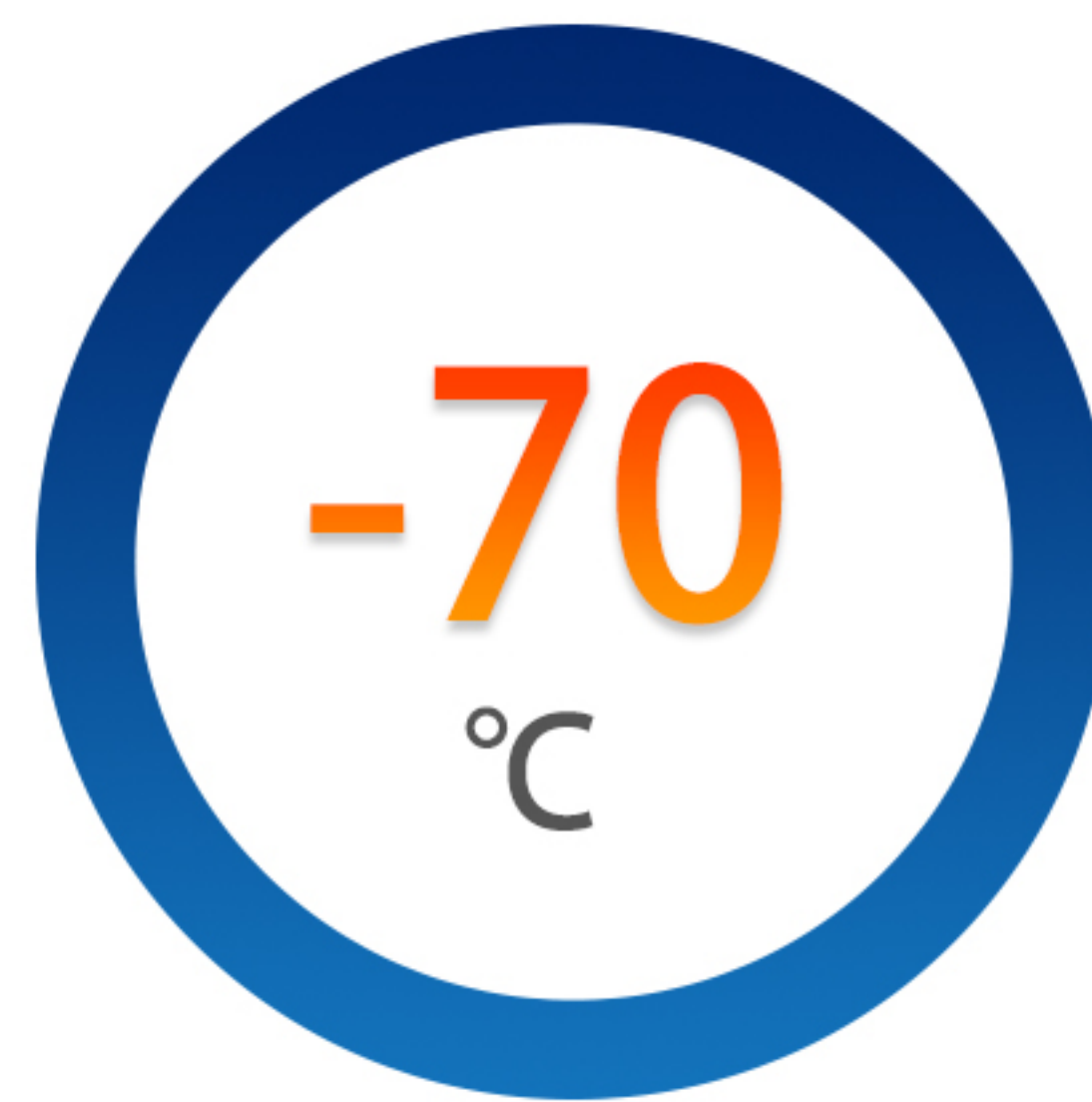


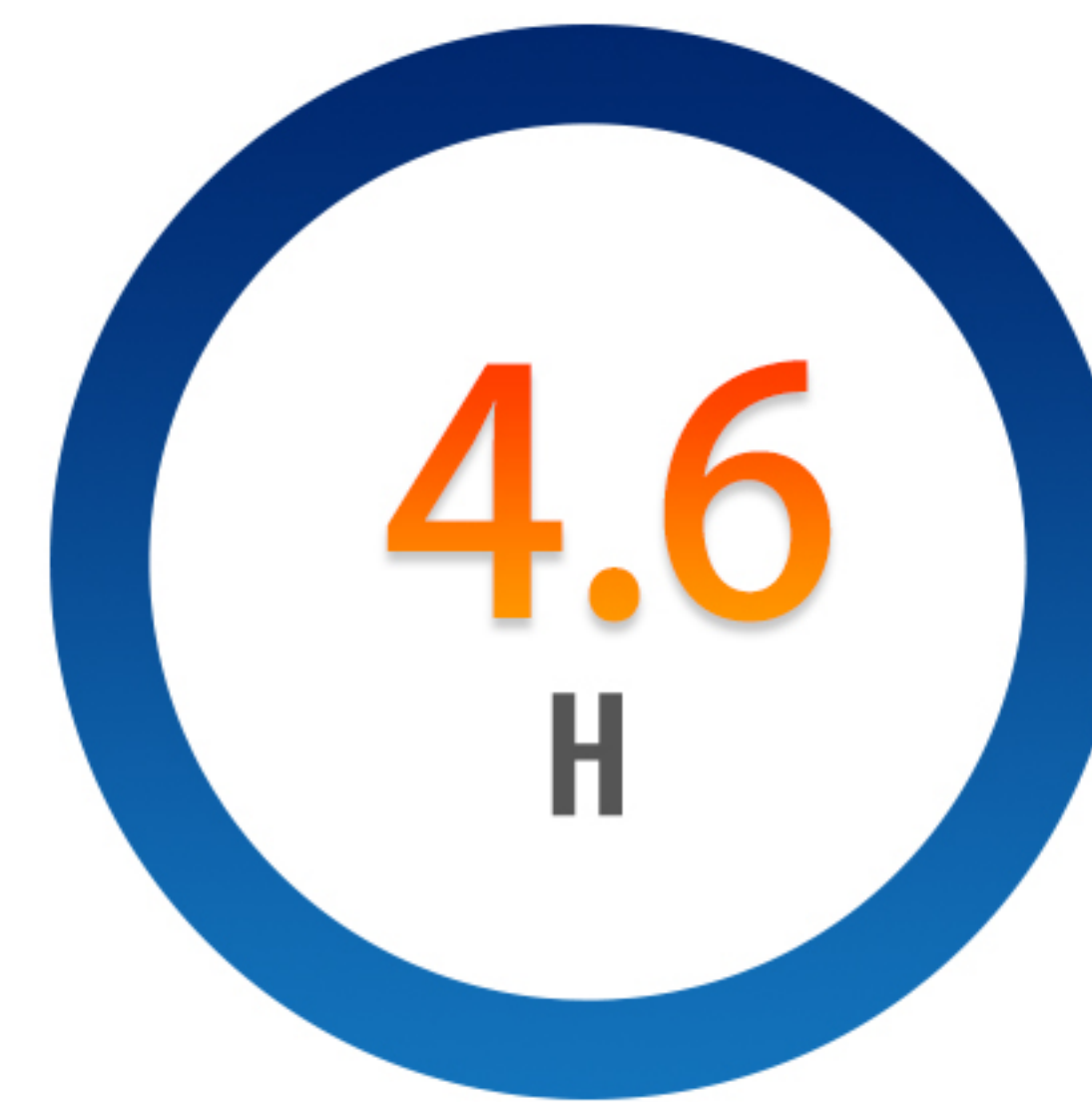


DW-HL678HC

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



One compressor failed, 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 25°C.

Features



Hydrocarbon refrigerant
 Environment-friendly natural gas



Touch screen
 7" LCD touch screen



Industrial twin-compressor



CE certificate

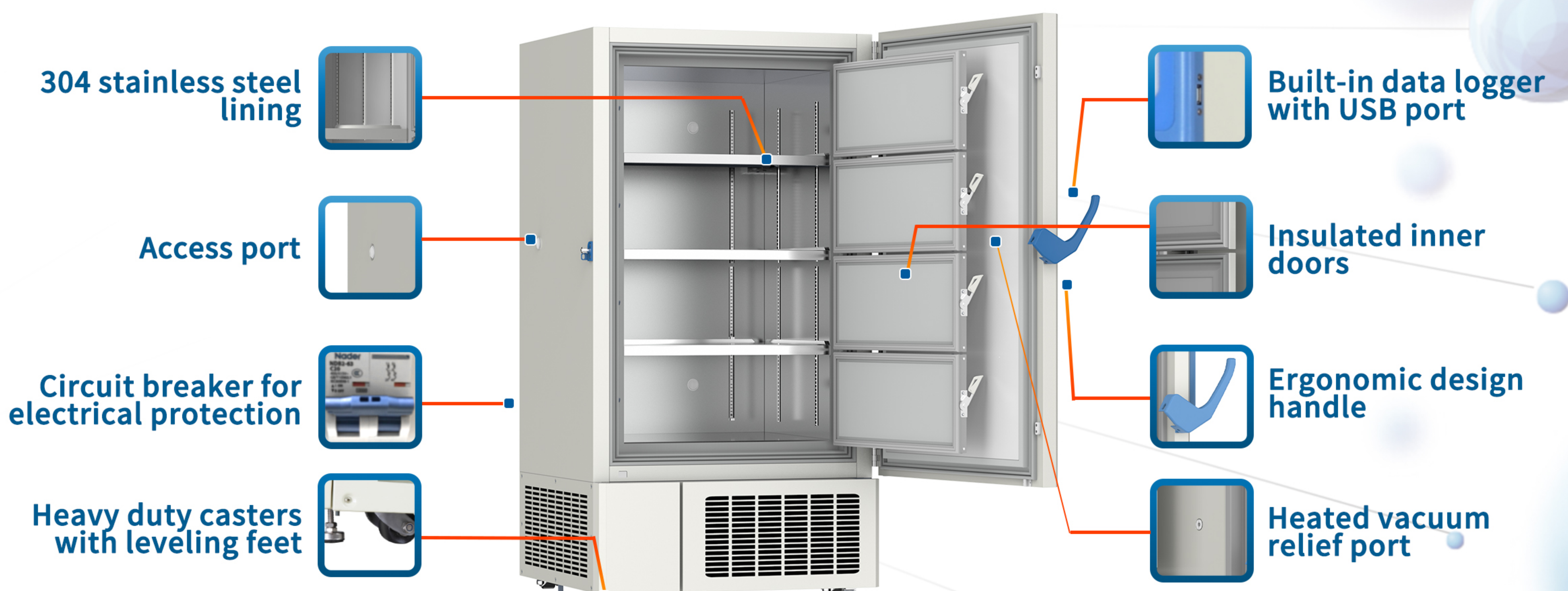


CO₂ back up system
 Optional for extra security for sample

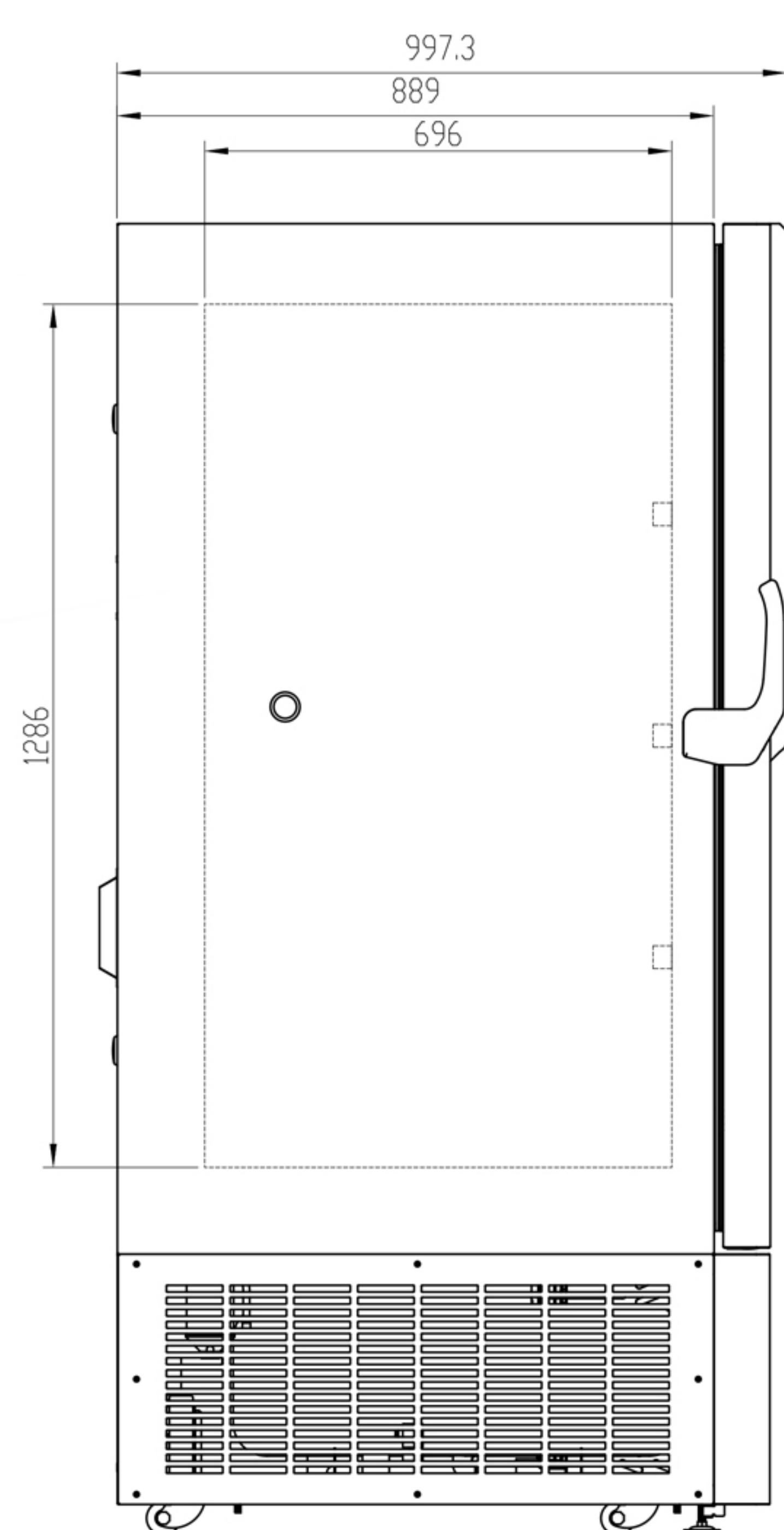
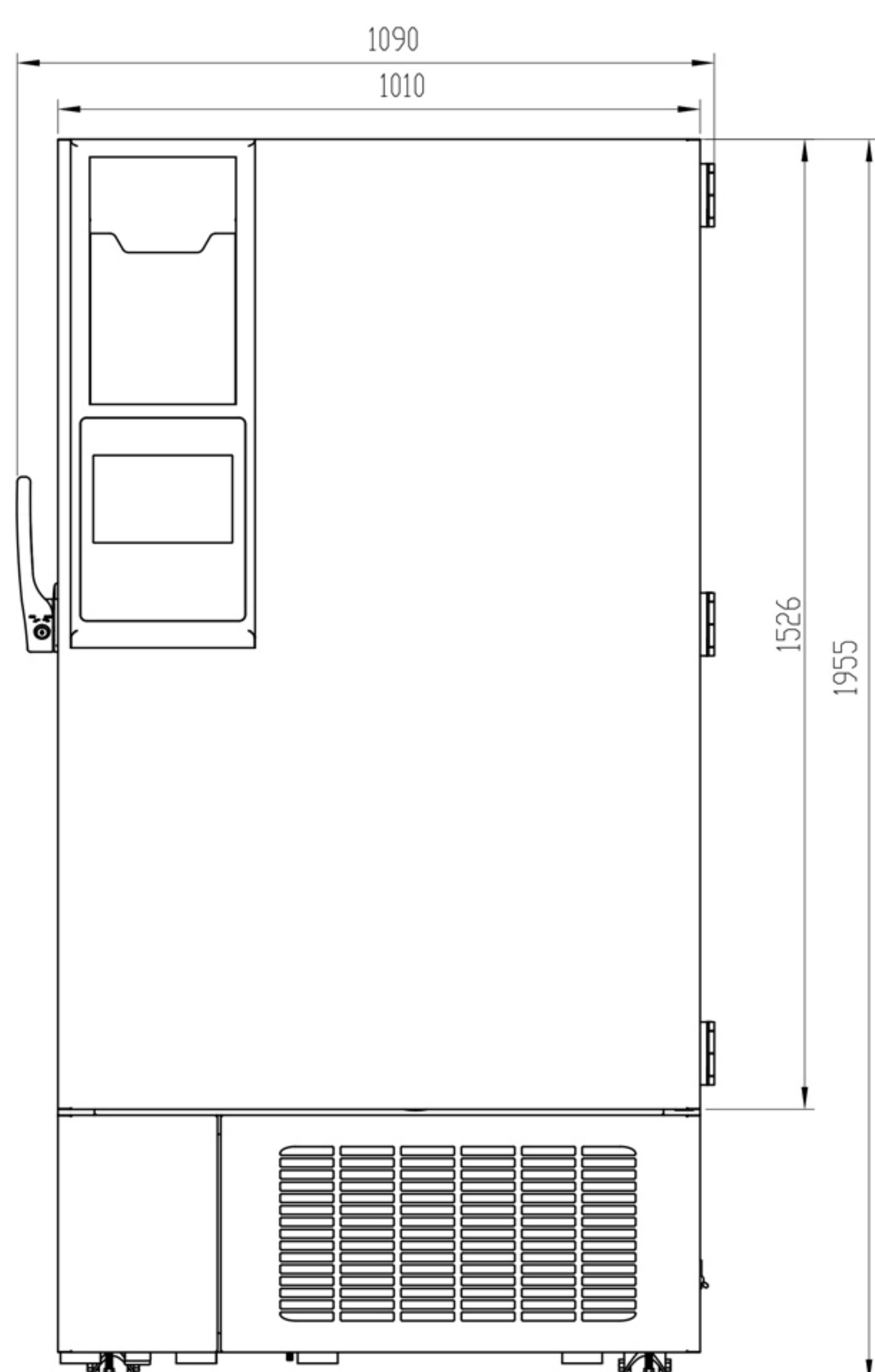


Alarms system
 10 kinds of alarm functions

Structure



Dimensions



Specification

-86°C Ultra-low Temperature Freezer	
Model	DW-HL678HC
Power supply(V/HZ)	220/50
Capacity	678
Internal size (W*D*H) mm/inch	750*696*1286
External size (W*D*H) mm/inch	1090*1025*1955
Package size (W*D*H) mm/inch	1203*1155*2171
NW/GW (kgs)	330/420 (wood packing)
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	
Compressor	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)	20/500

Options

Optional features:

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