

DW-HL528HC 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-HL528HC

Features



Twins cooling system
Two compressors in parrallel



Touch screen
7"LCD touch screen



Hydrocarbon refrigerant
Environment-friendly natural gas



CE certificate



Vaccum insulation
VIP insulation foaming



Alarms system
10 kinds of alarms functions

Structure

304 stainless steel interior made



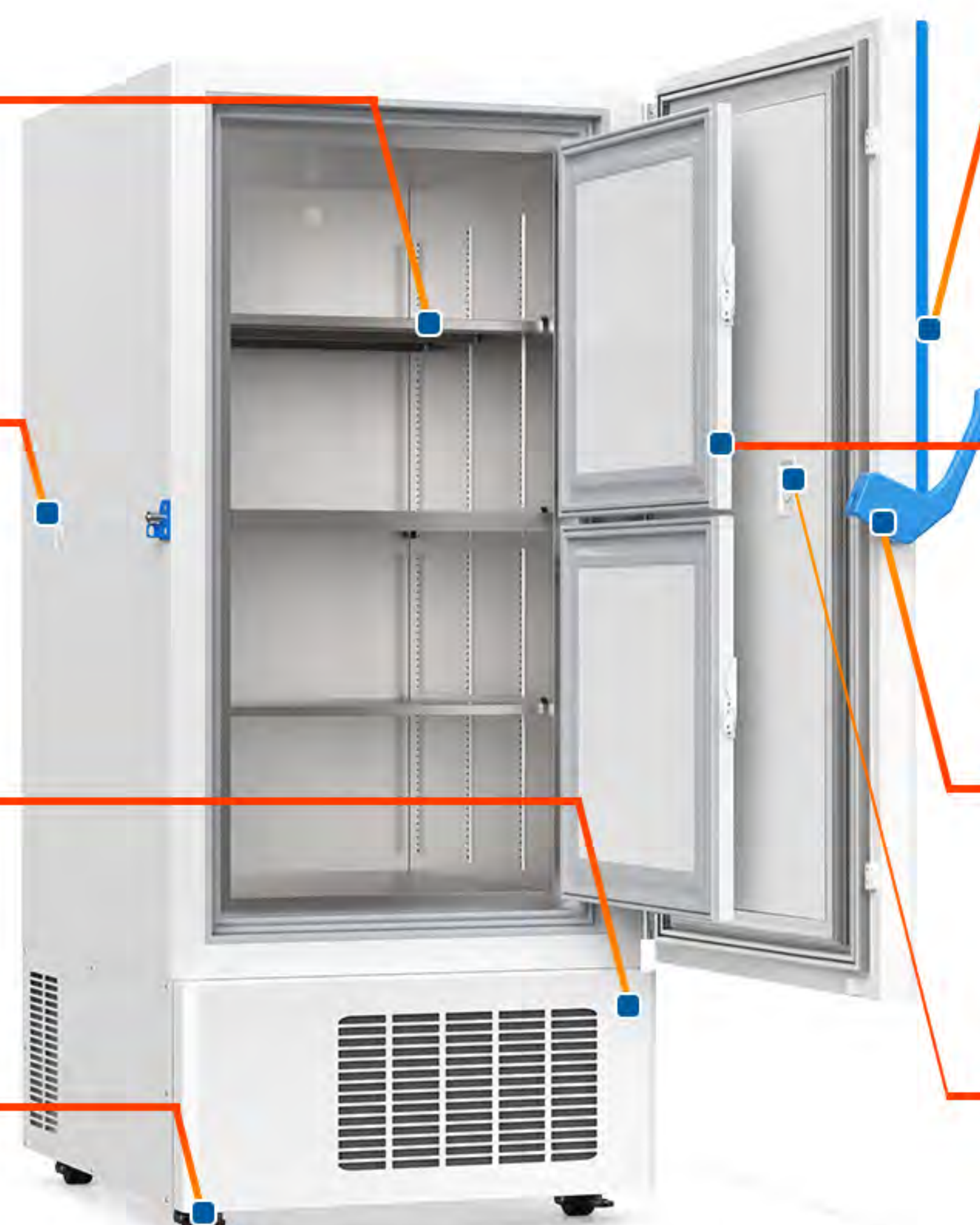
Access port



Circuit breaker for electrical protection



Heavy duty casters with leveling feet



Built-in data logger with USB port



Insulated inner doors



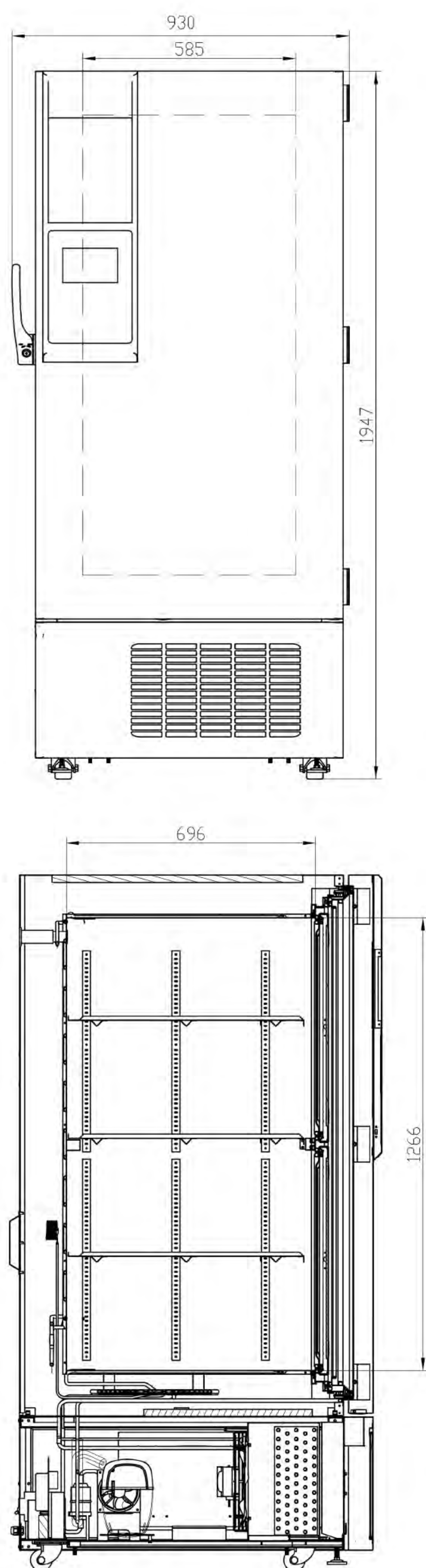
Ergonomic design handle



Heated vacuum relief port



● Dimensions



● Specification

-86°C Ultra-low Temperature Freezer	
Model	DW-HL528HC
Power Supply(V/HZ)	220-240/50
Capacity	528L/18.7Cu.Ft.
Internal Size (W*D*H) mm/Inch	585*696*1266/23.0*27.4*49.8
External Size (W*D*H) mm/Inch	930*1041*1947/36.6*41.0*76.7
Package Size (W*D*H) mm/Inch	1035*1165*2158/40.7*45.9*85.0
NW/GW (kgs)	296/356
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	2pcs. 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)	16/400

● 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