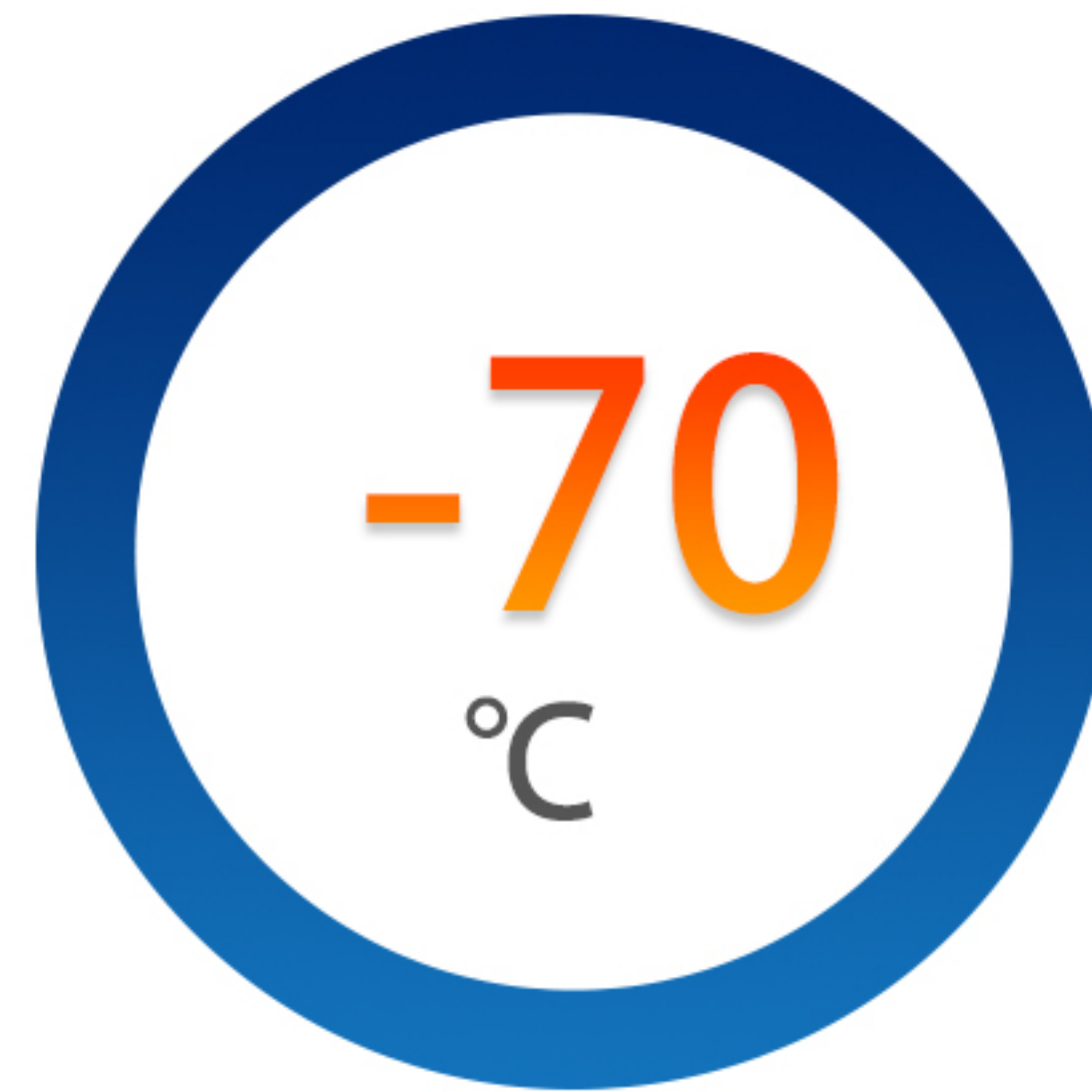


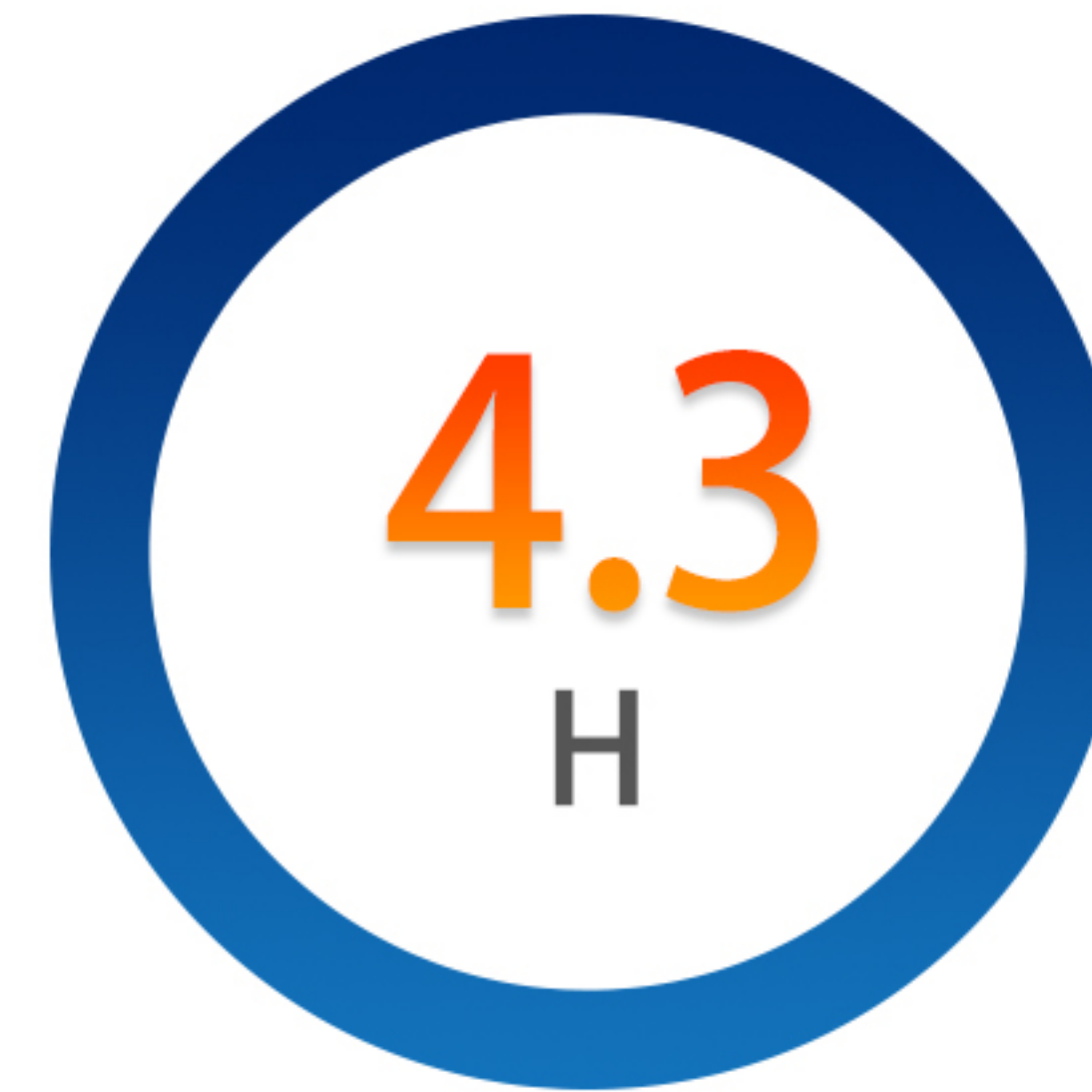


DW-HL398HC

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 22°C.

Features



Hydrocarbon refrigerant
 Environment-friendly
 natural gas



Touch screen
 7" LCD touch screen



Industrial twin-compressor



CE certificate

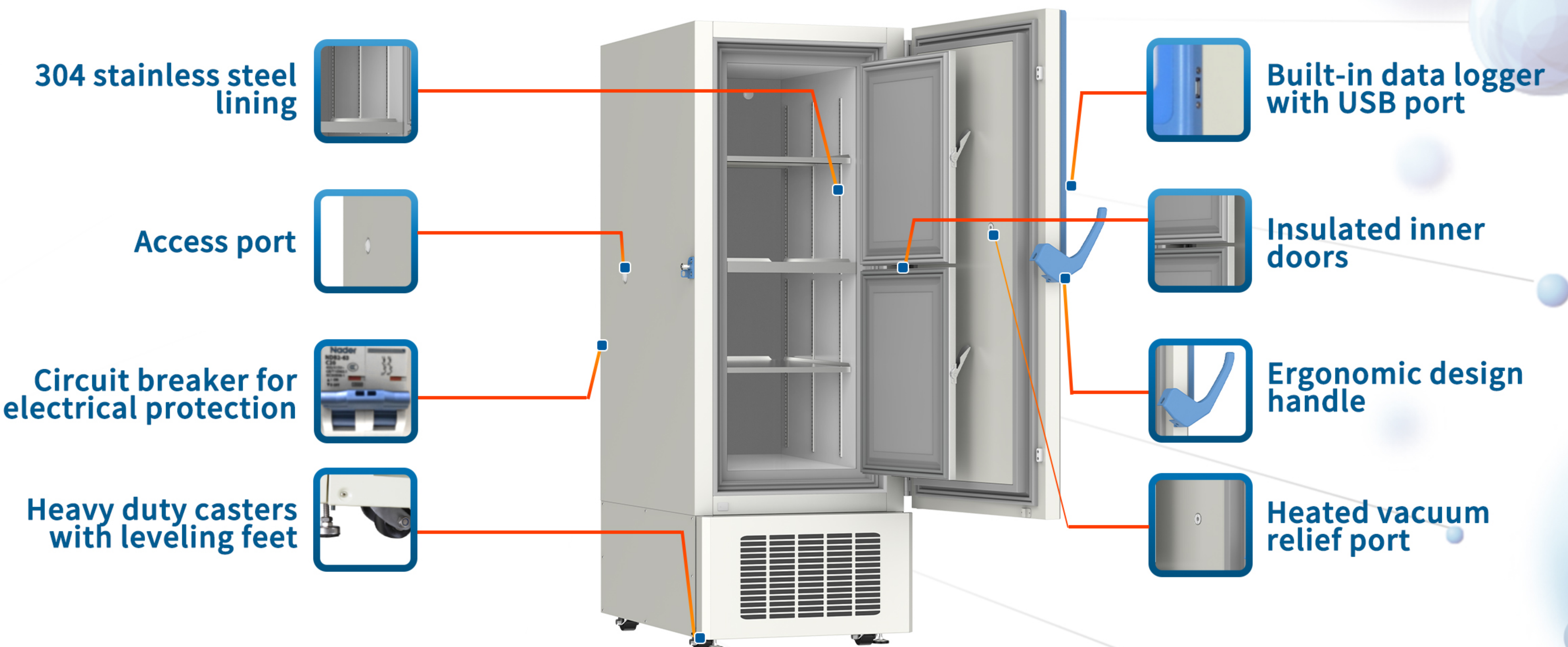


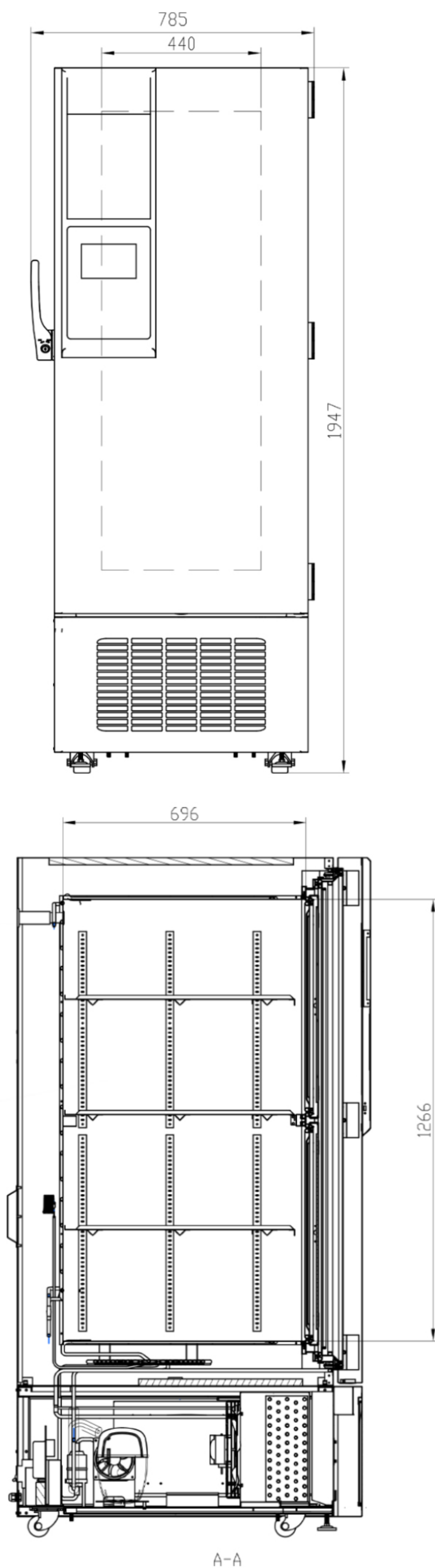
CO₂ back up system
 Optional for extra security
 for sample



Alarms system
 10 kinds of alarm functions

Structure





| -86°C Ultra-low Temperature Freezer | |
|--|--|
| Model | DW-HL398HC |
| Power supply(V/HZ) | 220/50 |
| Capacity | 398L/14.06Cu.Ft. |
| Internal size (W*D*H) mm/inch | 440*696*1266/17.32*27.4*49.84 |
| External size (W*D*H) mm/inch | 785*1041*1947/30.91*40.98*76.65 |
| Package size (W*D*H) mm/inch | 890*1165*2158/35.04*45.87*84.96 |
| NW/GW (kgs) | 237/315 |
| 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 | 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) | 12/300 |

Options

Optional features:

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