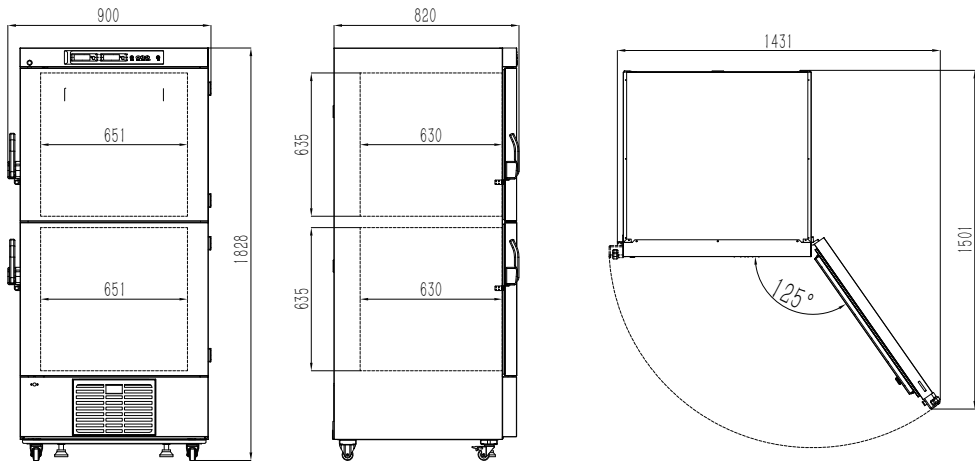


CE -20°C – -40°C Low Temperature Freezer

Applications

Medical, Reagents, Biological, Vaccine, Suitable for Medical, Electronics, Chemicals, R&D, University Research, Food Process.



Outline & Door Opening Dimension

Cooling System

- Temperature Range: : -20°C - -40°C .
- Microprocessing controller, LED display, temperature adjustment and display accuracy is 0.1°C .
- The outer door adopts unique sealing structure, which can ensure the freezer with good sealing and heat preservation performance.
- The upper and lower storage spaces with two completely independent cooling system, temperature control and display.
- Compressors are efficient and reliable.

Safety

- Build-in back-up battery to display temperature and alarm information for up to 8 hours, if AC power is failure.
- With high/low temperature alarm, sensor failure alarm, power failure alarm, door ajar alarm. Two ways of alarm: visual and audible.
- The handle has a padlock hole that can be used to provide an extra protection of security for storage.
- Button on the control panel can be locked to avoid setting parameters being changed due to misoperation.
- With compressor delay start protection function when power off restart.

Technical Specifications

Model	KDW-40L530D
Temperature Range [°C]	-20 – -40
Effective Capacity [Liters]	265 × 2
Insulation Thickness [mm]	95
Exterior dimensions W x D x H [mm]	900 x 820 x 1828
Up chamber Interior dimensions W1 x D1 x H1 [mm]	651 x 630 x 635
Down chamber Interior dimensions W1 x D1 x H1 [mm]	651 x 630 x 635
Door opening W2 x H2 [mm]	1431 x 1501
Exterior Finishing	White Plastic Coated Galvanised Steel
Interior Finishing	
Levels	3 × 2
Drawers	3 × 3 × 2
Mechanical Lock	Yes
Battery	Yes
Temperature Sensor in Chamber	Yes
Gasket Heating	Yes
Controller Type	Digital Screen
Refrigerant	HC
Voltage/Frequency [V / Hz]	AC220 / 50
Rated Power [W]	340
Net Weight [kg]	160
Power Failure Alarm	Yes
Temperature Sensor Failure Alarm	Yes
High/Low Temperature Alarm	Yes
Door Ajar Alarm	Yes
Temperature Resolution [°C]	0.1
Temperature Uniformity [°C]	≤6
Pull-Down Time [h]	≤4.1

Certification

CE / RoHS

- Efficient and environmentally friendly HC refrigerant is used.
- Build-in mechanical lock to ensure the safety of storage.
- Safe mode will be ran automatically in case of sensor failure to ensure the temperature for storage.

Easy Operation

- Door frame can be heated to avoid condensation.
- Standard testing ports for easy access to external test tools.
- Buzzing alarm can also be set to mute if required.
- Standard drawer, easy to storage and management.
- The bottom is provided with leveling feet to ensure the levelness of the freezer body during installation.
- In case of failure, the control screen displays real-time temperature and corresponding alarm code, which is convenient for trouble shooting.
- The specially designed handle can balance the pressure difference between inside and outside the chamber while pulling, to ensure outer door can be opened easily and smoothly.

