

## **DHW-50B DHW-80B DHW-150B DHW-250B DHW-350B DHW-460B Constant Temperature and Humidity Chamber**

### **Features**

- The product shell is made of high-quality steel plates and is electrostatically sprayed on the surface. The design is elegant. The working chamber is processed and made of high-quality stainless steel, which is corrosion-resistant and resistant to aging. The inner walls have a rounded transition.
- It adopts an intelligent microcomputer liquid crystal display control system, featuring functions such as timing, alarm, and over-temperature protection.
- Brand compressor uses non-chlorofluorocarbon environmentally friendly refrigeration technology. The gentle air circulation ensures uniform temperature inside the box.
- The balanced control of cooling and heating ensures a small temperature fluctuation and more precise temperature control.
- Tempered glass observation window, facilitating the observation of changes in the items inside the box. Magnetic adhesive strips for sealing, easy to open and excellent sealing performance.
- Using ultrasonic humidification, the humidity control is stable. The humidity fluctuation range is  $\pm 5 - 8\%$  RH. It also has the function of automatically shutting off when there is insufficient water or power failure.
- It is equipped with multiple safety measures such as compressor overheating protection and instrument failure protection to ensure the safety of the experiment.
- It can be equipped with functions such as printer, 485 interface, USB storage, and SMS alarm.



## Specifications

Model	DHW-50B	DHW-80B	DHW-150B	DHW-250B	DHW-350B	DHW-460B
Volume	50L	80L	150L	250L	350L	460L
Rated power supply	220V 50HZ					
Temperature control range	5°C-65°C					
Temperature resolution	0.1					
Temperature fluctuation degree	±1°C					
Humidity range	40%-95%RH					
Inner container material	201 stainless steel inner liner					
Shell material	Galvanized sheet (electrostatic spraying)					
Insulation layer	Polyurethane					
Heater	Stainless steel heating tube					
Compressor	Air-cooled fully enclosed compressor					
Refrigerant	R134a					
Defrosting function	Intelligent control for automatic defrosting					
Temperature control	Single-chip liquid crystal intelligent PTD controller					
Timer function	0-9999min					
Operating mode	Fixed-value operation, timed operation, automatic stop					
Test hole	Come with one included.					
Sensor	PT100					
Power	500W	600W	800W	1000W	1200W	1400W
Inner liner dimensions (mm)	350×345×400	400×400×500	400×500×750	500×550×910	600×600×1000	650×650×1100
Overall dimensions (mm)	540×460×880	610×550×1065	605×655×1355	700×705×1550	780×750×1605	845×805×1710
Packaging dimensions (mm)	615×510×980	690×620×1150	770×735×1520	820×800×1660	870×860×1800	990×1040×1970
Standard/Maximum Spacer	2/3	2/4	2/7	2/9	2/10	2/11
Separator spacing	75mm	75mm	80mm	80mm	83mm	80mm
Supporting plate	20kg	20kg	20kg	20kg	20kg	20kg
Additional functions	Ultrasonic humidification					
Optional functions	Printer, USB interface, 485 interface, SMS alarm module					