

DHS-80B / DHS-150B / DHS-250B DHS-350B / DHS-460B

Constant Temperature and Humidity Chamber

Features

- The product shell is made of high-quality steel plates, with an electrostatic spray painting and baking process on the surface.

The design is elegant. The working chamber is made of high-quality stainless steel and is processed and manufactured.

It 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.

- 30 levels of temperature and humidity settings, with automatic switching, to simulate the environmental temperature and humidity conditions.

- 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.

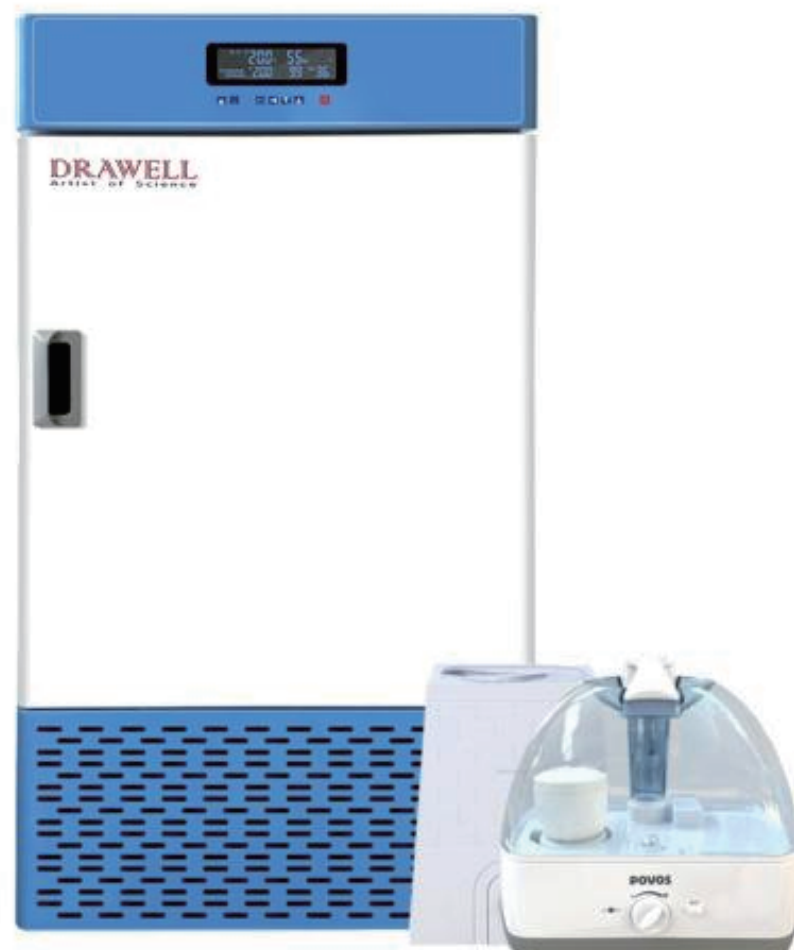
- Double-layer door structure. The inner door is made of high-quality tempered glass for easy observation of the samples, while the outer door is equipped with magnetic rubber strips, which are easy to open and close and have good sealing performance.

- 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.

- 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	DHS-80B	DHS-150B	DHS-250B	DHS-350B	DHS-460B
Volume	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	Programmable control instrument				
Timer function	0-999min				
Operation mode	Fixed-value operation mode, program-controlled operation mode				
Test hole	Come with a standard one				
Sensor	PT100				
Power	600W	800W	1000W	1200W	1400W
Inner liner dimensions (mm)	400×400×500	400×500×750	500×550×910	600×600×1000	650×650×1100
Dimensions (mm)	625×550×1065	605×655×1360	720×710×1570	800×760×1610	850×810×1715
Packaging dimensions (mm)	690×620×1150	770×735×1520	820×800×1660	870×860×1800	990×1040×1970
Standard / Maximum number of partitions	2/4	2/7	2/9	2/10	2/11
Partition spacing	75mm	80mm	80mm	83mm	80mm
Partition load-bearing capacity	20KG	20KG	20KG	20KG	20KG
Additional functions	Ultrasonic humidification				
Optional functions	Printer, USB interface, 485 interface, SMS alarm module				