

DW-LTH / DW-LTH-N

Constant Temperature Humidity Chamber

(internal humidification) Fluorine-free refrigeration

Drawell Constant Temperature Humidity Chambers have a precise temperature and humidity control system. It provides various environmental simulation conditions for industrial research and biotechnology testing. It's widely used in aseptic tests and stability inspection in medicine, textiles, food processing, industrial Product raw material performance, product packaging, product life and other tests.

DW-LTH Series

- ★ With brand humidity sensor, built-in tank heating humidification system.
- ★ PID microprocessor ensures precise control for temperature and humidity
- ★ Large LCD screen display, easy operation.
- ★ RS485 interface, for computer connection to display and print data.
- ★ Polished Stainless steel chamber, surface painted, fluorine-free compressor.
- ★ Double door design, the inner door is made of tempered glass for easy observation.
- ★ Equipped with leakage protection, auxiliary thermostat (for heating), UV disinfection device.



Specifications

Model	DW-LTH-175	DW-LTH-175	DW-LTH-175	DW-LTH-175	DW-LTH-175
Volume	150L	150L	150L	150L	150L
Temperature range	0~65°C				
Temperature fluctuation	±0.5°C				
Temperature uniformity	±1°C				
Humidity control range	40%~90%RH				
Working time	Long continuous working				
Power consumption	1400W	1950W	2000W	2600W	3200W
Humidity fluctuation	±3%RH				
Refrigerant	R134a				
Power supply	220V±10%,/50Hz±2%				
Working condition	5~40 °C				
Exterior Size (WxDxH)cm	61x63x135	73x77x146	71x77x166	83x81x169	100x100x203
Chamber size(WxDxH)cm	48x40x78	58x50x85	58x54x95	70x53x109	87x70x132

DW-LTH-N Series

- Imported international brand compressor with cooling system, effectively extend the life spancy.
- Imported brand humidity sensor, built-in tank heating humidification system.
- Large LCD screen to display more data simultanously. Menu-type operation interface.
- Digital display for temperature and humidity ,multi-segment program control technology.
- PID microprocessor ensures precise control for temperature and humidity .
- There are 99 cycles of program, each cycle is divided into 30 segments. Each segment contains 99 hours and 99 minutes of cycle steps. It can happily meet almost all the complicated experiment process.
- Temperature -limiting alarm system ensures experiment runs safely. If the temperature exceeds the limit, the operation will be automatically stopped and alarm will prompt the operator.
- Polished stainless steel chamber,surface painted,adjustable shelves,easy for cleaning.
- Equipped with power supply and UV lamp for sterilization in chamber.
- Double door designed, tempered glass inner door for easy observation.
- JAKEL circulation fan, reasonable air duct structure, effectively guarantee the temperature stability inside the box.
- Equipped with leakage protection.
- Equipped with spare temperature control which ensures the product work normally even the main temp.control failed.
(for heating).

Specifications

Model	DW-LTH-175-N	DW-LTH-275-N	DW-LTH-375-N	DW-LTH-475-N	DW-LTH-800-N	DW-LTH-800-N
Chamber Volume	175L	275L	375L	475L	800L	800L
Temperature Range	0~65 °C					
Display Resolution	0.1°C					
Temperature Fluctuation	HIGH±0.5 °C, LOW±1 °C					
Temperature Uniformity	±1 °C					
Humidity Range	30~95%RH					
Power Rating	1100W	1400W	1950W	2000W	2300W	2600W
Humidity Stability	±3%RH					
Refrigerant	R134a					
Power Supply	AC 220V±10%, 50Hz±2%					
Continuous Operation	Long continuous operation					
Ambient Temperature	5~40°C					
Exterior Size(WxDxH)cm	61x62x150	74x71x157	75x75x173	86x75x182	113x93x198	101x90x224
Chamber Size(WxDxH)cm	45x42x93	58x51x93.5	59x55x116	70x55x125	96.5x61x137	95x70x160
Net/Gross Weight (kg)	82/125	95/138	103/147	115/157	185/250	215/300

NOTE: Performance parameters are tested under non-load conditions: ambient temperature is 20°C, relative humidity is 50% RH.

Optional Parts

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| <ol style="list-style-type: none"> 1. Built-in printer 3. Wireless alarm system (SMS alarm system) | <ol style="list-style-type: none"> 2. φ25mm/50mmtest hole 4. RS485 connector |
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