

# **DW-LAC-N Climate Chamber** (Fluorine-free Refrigeration)

Our chambers offer excellent temperature and lighting management for regulated growth of plants and different product. Its responsive

humidification sensor and energy efficient style creates it a most popular selection for a large range of applications, such as Preservation,

Controlled Temperature Experiments, Tissue Cultivation, Antibiotic Cultivation, Laboratory, Research, Medical.



- Adopt imported fluorine-free compressor, environment friendly and reliable.
- Adopt imported brand humidity sensor, with self-designed built-in water tank and electric heating humidifying system, ensuring high accuracy for humidity.
- Double door design, the inner door is made of tempered glass, can directly observe the culture in the working chamber.
  the outer door is magnetically sealed.
- Large LCD screen to display multiple parameters at same time, menu interface, easy operation.
- Adopt stainless steel inner tank, shelves inside the chambers can be freely adjustable without tool, convenient for disinfection and cleaning.
- With USB port to download data.

#### • Intelligent Control

It can simulate the temperature changes of nature during the day and night.

The parameters set by the user can be automatically stored in case of power cut, it will run the original setting program after power restored.

#### Multi-segment program Control

The temperature, humidity, light, time and heating rate are controlled by multi-segment program, which simplifies the complicated test

process and realizes automatic control and operation.

## Self-diagnosis function

When the climate chamber fails, the fault information will display on LCD screen, easy for check.

### **Safety function**

Independent temperature limit alarm system, giving sound and visual alarm to prompt operator, ensuring safe operation of equipment. Alarm for high or low temperature.

Equipped with leakage protection.

Equipped with spare temperature control which ensures the product work normally even the main temperature control failed (for heating).



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# DRAW ELL Artist of Science



Model	<b>DW-LAC-175-N</b>	<b>DW-LAC-275-N</b>	<b>DW-LAC-375-N</b>	<b>DW-LAC-475-N</b>	DW-LAC-800-N	<b>DW-LAC-1075-N</b>
Chamber Volume(L)	175	275	375	<b>475</b>	800	<b>1075</b>
Temperature range	With light:10~55°C Without light:5~55°C					
<b>Temperature Stability</b>	$\leq \pm 1.5^{\circ} C$					
<b>Display Resolution</b>	0.1°C					
<b>Temperature Uniformity</b>	≦±2°C					
Humidity Range	30~95%RH					
Humidity Deviation	±3%RH					
light Intensity	0~10000LX	<b>0-15000LX</b>	<b>0-20000LX</b>	<b>0-23000LX</b>	<b>0-25000LX</b>	<b>0-25000LX</b>
Program Control	Separately set for temperature and light, can set 30-segment program, each section can be set from 1 to 99 hours.					
<b>Power Rating</b>	<b>860W</b>	<b>1700W</b>	<b>2100W</b>	<b>4000W</b>	<b>5000W</b>	<b>6000W</b>
<b>Power Supply</b>	AC220V, 50HZ					
<b>Ambient Temperature</b>	+5∼35°C					
Working	Long continuous operation					
Chamber Size(W×D×H)cm	45*42*93	<b>58*51*93.5</b>	<b>59*55*116</b>	70*55*125	<b>96*61*137</b>	<b>95*70*160</b>
Exterior Size(W×D×H)cm	61*62*150	74*71*157	75*75*173	<b>86*75*182</b>	<b>113*93*198</b>	101*90*224
Shelf (Standard)	3pcs					

