

# Digital Artificial Plant Growth Chamber



## Applications:

This product is suitable for plant growth and culture, seed germination experiment, plant cultivation, seedling, culture and preservation of microorganisms, performance testing of medicinal materials, wood and building materials, the feeding of insects and small animals, quality inspection of industrial products and constant temperature and humidity and illumination experiments in other usages.

## Product Features:

- The shell of Artificial Climate Incubator is made of high-quality steel plate, the surface of which is firmly painted by electrostatic spraying, and the shape is beautiful. The studio is made of high-quality stainless steel plate, which is anti-corrosion and anti-aging, with arc transition around the inner bladder, double-door design and built-in toughened glass door.
- Multiple illumination, adjustable illumination, simple operation and convenient setting.
- Intelligent microcomputer control system, accurate and reliable temperature control.
- The brand compressor is fluorine-free and environmentally friendly, and the breeze circulation ensures the uniform temperature in the box.
- Balanced control of cooling and heating ensures small temperature fluctuation and more accurate temperature control.

- Ultrasonic humidification, humidity control humidity stable, humidity fluctuation range:  $\pm 5-8^{\circ}\text{CRH}$ , with water shortage and power failure function, to prevent the machine from burning due to water shortage.
- Equipped with compressor overheat protection, instrument failure protection and other safety measures to ensure the safety of the experiment.
- Programmable control mode, up to 30 segments of illumination, temperature and humidity setting, and automatically adjust the conversion.
- It can be equipped with printer, 485 interface, U disk storage, SMS alarm and other functions.

### Technical Specifications:

Model	QC-DAPG-80B	QC-DAPG-150B	QC-DAPG-250B	QC-DAPG-350B
Capacity (Litres)	80L	150L	250L	350L
Lighting Type	QC-DAPG series: 2-side illumination.			
Temp. Range	With illumination: 10~65°C, Without illumination: 5~65°C			
Temp. Fluctuation	$\pm 5-8\% \text{ RH}$			
Temp. Uniformity	$\pm 1^{\circ}\text{C}$			
Illuminance	0-10000LX			
Humidity Range	50%~90%RH			
Lighting Illumination	QC-DAPG 300: 0-20000 (6-Grade Adjustable)			
Ambient Temp.	5~40°C			
Continuous Working Time	$\geq 180\text{h}$			
Shelves	3 pcs/adjustable			
Consumption	600W	800W	1000W	1200W
Power Supply	QC-DAPG Series: AC220V, 50Hz (Standard) or 110V 60Hz			
Internal Size (W*D*H) mm	420*420*520	420*520*760	510*555*920	590*610*1020
External Size (W*D*H) mm	640*570*1080	650*680*1430	750*720*1580	820*780*1680
Net/Gross Weight (kg)	55/65	73/85	98/110	125/140