

Climate Chamber with Humidity Control Plant Growth Chamber

○ Light culture of microorganism, cell tissue, seedling, insect and small animal under the control of precise humidity.

Characteristics:

- Independent humidification, humidity is uniform.
- Centrifugal turbo forced air supply, the temperature is more uniform.
- Intelligent frost.



Main Technical Parameters:

Model	3-side Illumination	RGX250E	RGX300E	RGX400E
	4-side Illumination	RGX250EF	RGX300EF	RGX400EF
Cycle Mode		Forced convection		
Function	Tem. Range	Without illumination: 0 ~ 65℃; with illumination: 10 ~ 65℃		
	Tem. Resolution Ratio	0.1℃		
	Tem. Motion	± 1℃		
	Tem. Uniformity	± 1.5℃		± 2.0℃
	Illumination (LX)	0~15000LX 6 degrees for adjusting		
	Humidity Range	40% ~ 90%RH		
	Humidity Motion	± 7% RH		
Structure	Inner chamber	sus304 mirror stainless steel		
	Outer Shell	Cold rolling steel electrostatic spraying exterior		
	Insulation layer	Polyurethane		
	Heater	Stainless steel heating tube		
	Power Rating	1.0kW	1.1kW	1.2kW
	Compressor	Air cooled hermetic compressor		
	Coolant	R134A		
	Defrosting Structure	Automatic		
	Humidity control mode	Automatic		
	Leading wire hole	No		
	Controller	Tem. control mode	30 sections LCD program	
Tem. setting mode		Touch button setting		
Tem. display mode		Measuring temperature: LCD upper row; setting temperature: the lower row		
Timer		0 ~ 99.9h × 30 (with timing wait function)		
Operation function		Fixed temperature operation, timing function, auto stop.		
Program pattern		Standard configuration		
Sensor		Pt100		
Additional function		Deviation correction、 menu locked、 power failure back-up、 power failure memory、 intelligent defrosting		
Safety device		Over temperature sound-light alarm、 Circuit diagnosis		
Specification	Inner Chamber size(W*L*H)(mm)	500*530*950	550*580*950	590*620*1100
	Exterior size (W*L*H)(mm)	690*705*1650	740*755*1650	780*795*1800
	Packing size (W*L*H)(mm)	890*905*1870	940*955*1870	980*990*2020
	Volume	250L	300L	400L
	Load per rack	15kg		
	Shelf number	6	6	7
	Shelf space	120mm		
	Supply (50/60Hz) Current rating	AC220V/4.5A	AC220V/5.0A	AC220V/5.5A
	NW/GW (kg)	76/117	78/119	81/122
Accessory	Shelf			
Optional accessories	Shelf, RS485 interface, printer, program temperature control device, remote control, wireless SMS alarm, USB data storage			