



RAKAPOSHI430 Plant Growth Test Chamber 430 L Temperature, Humidity, CO2, Light -Wi-Fi temperature/CO2 control

Download
Catalogue



COLO RAKAPOSHI430 Plant Growth Test chamber,

- Temperature/ (Wi-Fi reading, controlling)
- Humidity
- CO2 / Wi-Fi reading , controlling
- Light
- All parameters can be read by mobile application
- High quality temperature sensor class A
- High temperature uniformity
- Humidifier, dehumidification by evaporator
- IR CO2 Control 0-10000ppm (Wi-Fi is optional)
- Four Castors



Temperature +5 to 50°C

If light on +10 to 50°C



Humidity 30% -90%RH

Humidifier, dehumidification by evaporator/optional ultrasonic



Illuminance up to 0-15000LUX



USB Port connection

Wi-Fi connection and temperature, CO2, control by mobile phone



99 Programs with 30 Segments



Type	RAKAPOSHI430	
Internal Dimension mm	600*600*1200 D*P*H	
Overall dimensions	760*800*1800 D*P*H	
Internal volume L	430	
Power	220V/50-60Hz 500W	
Temperature (controlled by Wi-Fi) range	Light on - +10 - +50°C	
	Light off - +5 - +50°C	
Temperature fluctuation	±0,5°C	
Temperature uniformity	±1°C	
Temperature fluctuation tolerance	±1°C	
Temperature uniformity tolerance	±2°C	
Humidity range	30-90% RH	
Humidity resolution	±5%RH	
Illuminance	0-15000LX	
CO2	IR Sensor 0-10000ppm Accuracy 50ppm controlled by Wi-Fi	
Cooling	Cooling system	Mechanical, Compression refrigeration system
	Refrigerating unit	Compressor
	Refrigerant	R16
Humidity System	Humidifier, dehumidification by evaporator	
Lighting System	Three side Cold LED lighting	
Controller	PID programmable controller	
Temperature sensor	High grade A level Pt 100	
Humidity Sensor	Dry and Wet bulb sensor	
Light sensor	Light sensor monitoring	
Safety device	Independent temperature limit alarm system; Power off Protection; Over current Protection; Refrigerant High pressure Protection; Earth Leakage Protection	
Shelves	2 pcs as standard,/50 kg load	
Interior material	SUS304 Stainless Steel	
Castor	Four castors	
Maximum noise	≤65dBA	
Optional Accessories	Smart Phone, Wi-Fi CO2 control, Additional shelves, Printer, Bluetooth connection,	

Please note

If this Climatic Chamber does not match the specific needs of your application, or some options are not listed for sale, please feel free to contact us. Our manufacturing engineers will come up with technical solutions to meet your needs. We reserve the right to change technical specifications at any time.

COLO LabExperts

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