

# Plant Growth Chamber



## Technical Specifications & Ordering Information

MODEL	#RTC-4	#RTC-6	#RTC-10	#RTC-12
<b>Dimension Inner (WxDxH) (in mm)</b>	455x410x610	505x415x830	570x550x875	650x580x900
<b>Capacity</b>	112 Itrs	171 Itrs	280 Itrs	340 Itrs
<b>Volume</b>	4.0 Cuft	6.1Cuft	10.0Cuft	12.0Cuft
<b>MOC Outer</b>	Powder coated CRC Steel Sheet			
<b>MOC Inner</b>	Chamber and trays made of Stainless Steel (SS-304)			
<b>No. of Shelves</b>	2	2	3	3
<b>Type</b>	Forced Convection Type			
<b>Freezer Compressor</b>	Hermetically sealed air cooling compressor system			
<b>Temperature Range</b>	10°C to 60°C			
<b>Temperature Accuracy</b>	+1°C			
<b>Humidity Creation</b>	Through sophisticated steam injection process.			
<b>Humidity range</b>	5% above ambient from 40% to 95%RH at cool temperatures			
<b>Humidity Accuracy</b>	+3%RH			
<b>Evaporator</b>	Finned tube evaporator for faster cooling effects			
<b>Safety</b>	Over temperature limiter switch prevents overheating			
<b>Insulation</b>	Foamed-in-Place PUF insulation ensures thermal stability and reduces electrical energy consumption			
<b>Illumination</b>	Exterior illumination with fluorescent tubes/lamps.			
<b>Temperature Controller</b>	Fitted with MICROPROCESSOR BASED TEMPERATURE-HUMIDITY CONTROLLER CUM DATA LOGGER with 9 segments to enable users to Control nine different variation and repetition of temperature, illumination and humidity according to its conditions			
<b>Humidity Controller</b>	Digital Humidity Indicator-Cum-Controller			
<b>Electrical Supply</b>	220/230V AC, 50/60Hz			

MODEL	#PGC-15	#PGC-16	#PGC-20	#PGC-30
<b>Dimension Inner (WxDxH) (in mm)</b>	700x640x900	700x640x970	775x775x900	825x825x1200
<b>Capacity</b>	420 Itrs	450 Itrs	560 Itrs	840 Itrs
<b>Volume</b>	15Cuft	16 Cuft	20.0Cuft	30.0cuft
<b>MOC Outer</b>	Powder coated CRC Steel Sheet			
<b>MOC Inner</b>	Chamber and trays made of Stainless Steel (SS-304)			
<b>No. of Shelves</b>	4	4	4	4
<b>Type</b>	Forced Convection Type			
<b>Freezer Compressor</b>	Hermetically sealed air cooling compressor system			
<b>Temperature Range</b>	10°C to 60°C			
<b>Temperature Accuracy</b>	+1°C			
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<b>Humidity Controller</b>	Digital Humidity Indicator-Cum-Controller			
<b>Electrical Supply</b>	220/230V AC, 50/60Hz			

### Options

- Communication port with interface and data cable to download data to your PC

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