

# Work In Growth Chamber



WGC series



WGC-5040



WGC-3000x3

Shelf  
(option)



Inner view of chamber

## 1 Features

- Advanced refrigeration system prevents chamber icing and condensation
- Preheating technology by humidifier evaporator eliminates hot and cold spots
- Programmable microprocessor digital PID control ensures high level of accuracy
- Ideal for artificial light source plant growth test lab, work-in chamber inside

## 2 Specifications

Model		WGC-5040	WGC-3000 x 3
Capacity		5,040 liter	3000 liter x 3 rooms
Chamber (WxBxH)		2000x1400x1800mm	1500x1000x2000mm x 3
Temp.	Range	10 - 40 °C	
	Accuracy	± 0.2 °C / uniformity : ±1 °C at 20 °C	
Humidity	Range	30 to 95% RH	
	Accuracy	±1.0% / uniformity : ±5% at 60% RH	
Illumination	Range	0 - 50,000 Lux	
	Lamp	14 x HPS 423W	3 x 9 x HPS 423 W
CO2	Range	0 - 5,000 ppm	
Wind	Velocity	0.5 m/sec	
Refrigerator		1 x 4 HP	3 x 3 HP
Timer		Digital, 24 hour	
Control & Display		Programmable microprocessor PID controller / Digital LCD backlight pannel	
Safety device		Over temp. protector, Safety cut-off valve, Over current breaker	
Material	Interior	Stainless steel plate	
	Exterior	Powder coated steel plate	
Power source		220VAC,50/60Hz,15KW	220VAC,50/60Hz, 36Kw
Overall (WxDxH)		2400x1600x2650mm	6300x1400x2650mm
Weight (Kg)		1,960	3,650

- 3 Options : 1) Digital Recorder / 6 point  
2) Communication interface  
3) Growth Shelf