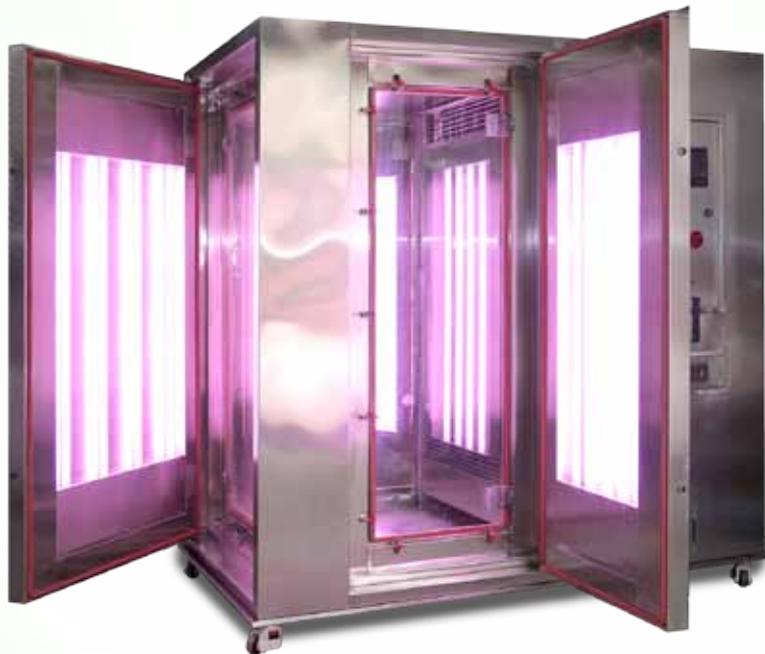


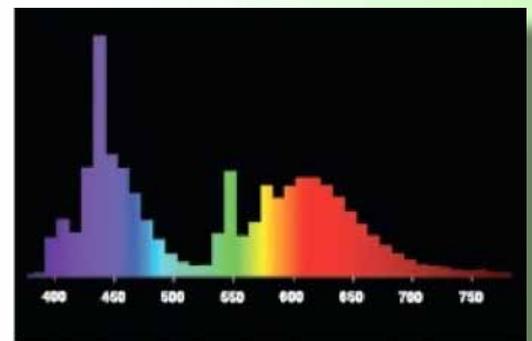


Plant Growth Chamber JTH Series

Welltech provide high-quality Environmental Chambers with different capacity that meet every customer's need, custom design also available. All our chamber is made in S.S. , with LCD touch screen , programmable , and with RS232 output to computer, can be controlled by computer, data can store in PC



OSRAM FLUORA



PLANTASTAR spectrum and absorption spectrum for photosynthesis

Technical Data:

Material	All stainless Steel (Both internal and exterior)
Accuracy of Temperature	+/- 1 degC
Accuracy of Humidity	+/- 1.5% RH
Uniformity of Temperature	+/- 1.5C
Uniformity of Humidity	+/-3% RH
Display	LCD touch screen display
Standard	Meet EN-60204 Safety of Machine, CNS, JIS, ISO, IEC and ASTM standard
Power Supply	3 Phase 380V , 415Vac

Key Features:

- Simple Operation
- PLC Microprocessor , PID Control of Temperature and Humidity
- LCD Touch Screen , Both Temperature and Humidity are Programmable
- Digital Humidity Probe
- With RS232 Output to Computer
- 304 Stainless Steel (both interior and exterior), CFC-free polyurethane + fiberglass, with 100mm thickness
- With adjustable fan speed control
- With adjustable light intensity
- With Viewing Window
- With Cable Port
- Cartridge Type Water Tank
- Adjustable Shelf
- Safety Thermostat Control, MCCB Circuit Protection, Phase Protection, and Compressor Overload Protection
- Meet EN-60204 Safety of Machine, CNS, JIS, ISO, IEC and ASTM standard.
- With CE Certificate
- Optional Accessories: O2 control, CO2 control & Sprayers



O2 control system Range:
10-20.9%



Sprayers



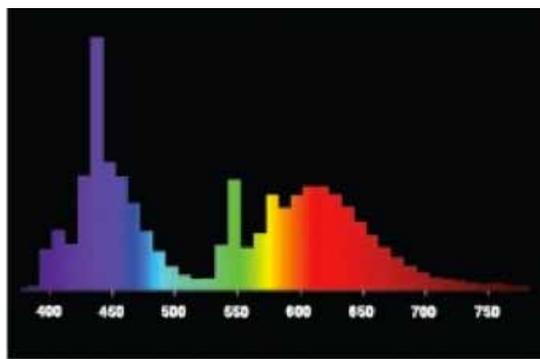
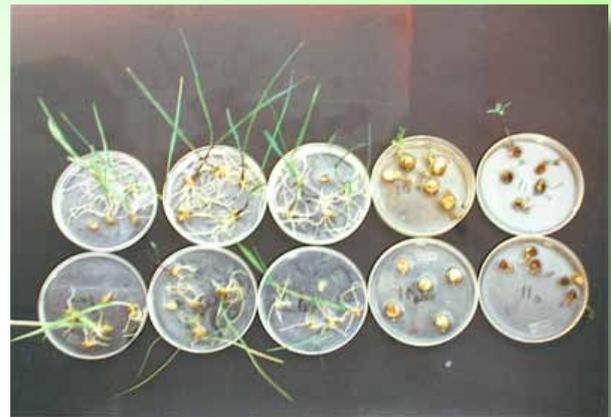
Light intensity controller & timer



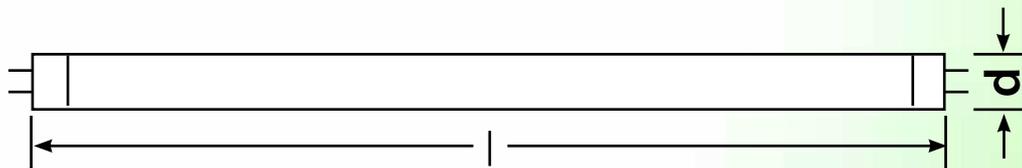
CO2 Scrubber to remove the CO2 breath from plants and keep it at <1000 ppm level. Can be regenerated. With scheduler to control the on/off time.

OSRAM FLUORA[®] - light for healthier plants

The light from OSRAM FLUORA[®] fluorescent lamps is particularly strong at the blue and red ends of the spectrum and thus is ideal for promoting photo-biological processes in plants.



Spectral distribution curve
Light colour 77



Type	L 15 W/77	L 18 W/77	L 30 W/77	L 36 W/77	L 58 W/77
Rated Wattage	15 W	18 W	30 W	36 W	58 W
Luminous flux	400 lm	550 lm	1000 lm	1400 im	2250 im
Length l max.	438 mm	590 mm	895 mm	1200 mm	1500 mm
Diameter d max.	26 mm				

JTH1500- series

Model	JTH1500	JTH1500J
Capacity	1500L	
Temperature Range	0 to 150 degC	-20 to 150 degC
Humidity Range	20% to 98% RH	
Temperature Stability	+/-1 degC	
Humidity Stability	+/-2%RH	
Temperature Uniformity	+/-2 degC	
Humidity Uniformity	+/-3%RH	
Internal Dimension (HxWxD or DxWxH)	150x100x100cm	
Material	304S.S.	
Protection	with water level warning system	
Function	Programmable control of temperature and humidity	
Power Supply	3 phase 380V (or 400V or 415V)	

JTH2000- series

Model	JTH2000	JTH2000J
Capacity	2000L	
Temperature Range	0 to 150 degC	-20 to 150 degC
Humidity Range	20% to 98% RH	
Temperature Stability	+/-1 degC	
Humidity Stability	+/-2%RH	
Temperature Uniformity	+/-2 degC	
Humidity Uniformity	+/-3%RH	
Internal Dimension (HxWxD or DxWxH)	200 x 100 x 100cm	
Material	304S.S.	
Protection	with water level warning system	
Function	Programmable control of temperature and humidity	
Power Supply	3 phase 380V (or 400V or 415V)	

JTH5625- series

Model	JTH5625	JTH5625
Capacity	5625L	
Temperature Range	0 to 150 degC	-20 to 150 degC
Humidity Range	20% to 98% RH	
Temperature Stability	+/-1 degC	
Humidity Stability	+/-2%RH	
Temperature Uniformity	+/-2 degC	
Humidity Uniformity	+/-3%RH	
Internal Dimension (HxWxD or DxWxH)	200 x 150 x 150cm	
Material	304S.S.	
Protection	with water level warning system	
Function	Programmable control of temperature and humidity	
Power Supply	3 phase 380V (or 415V)	