



Model GC-500



Model GC-1050

Features

- Microprocessor control system
- 24 hours repeated programs for light intensity and temperature. The 24 hours dial has setting positions of 15 minutes intervals subject to a minimum operating interval of 30 minutes.
- Continuous digital display of set and actual temperature to 0.1°C of day / night cycle.
- Illumination by long life fluorescent tubes, with electronic starter.
- Forced vertical air flow system provides optimum temperature uniformity throughout chamber.
- Automatic bypass hotgas defrost system for accurate temperature control.
- Door with fan switch stops circulation fan when door is open - reduces temperature fluctuation.

Applications

For life science studies where photosynthesis plays a role in growth cycle.



Specifications

MODEL	GC-500	GC-1050	GC-1600
Cabinet construction	Powder-coated mild steel interior and exterior		
Cabinet insulation	CFC-free polyurethane, foam-in-place insulation		
Controller	PID controller		
Temp. range	0°C to 50°C		
Temp. accuracy	±1.0°C (±0.3°C without illumination)		
Temp. setting	Digital setting and display		
Heater	800 watt	1600 watt	2400 watt
Safety devices	Over temperature thermostat, built-in overload protection for compressor, ELCB, high-low pressure switches		
Timer	Programmable 24hr timer controls the temperature & day/night operation of the chamber		
Illumination	6000 LUX		
Air circulation	Aided by circulation fan		
Refrigerator	¼ HP hermetic seal type	0.42 HP hermetic seal type	¾ HP hermetic seal type
Defrost	Auto defrost		
Refrigerant	134a, CFC free		
Capacity	500 litres	1050 litres	1600 litres
Shelves supplied	5 pcs	10 pcs	15 pcs
Chamber dimensions (mm)	535W x 650D x 1430H	1155W x 650D x 1430H	1770W x 650D x 1430H
Overall dimensions (mm)	640W x 825D x 2070H	1260W x 825D x 2070H	1880W x 825D x 2070H
Power source	240V, 50Hz, 6.6A	240V, 50 Hz, 13A	240V, 50 Hz, 14.5A
Weight	153 kg	220 kg	282 kg

All specifications are subject to change without prior notice.