



Australia's premium manufacturer  
of medical and laboratory products

## Product Specification Sheet

Series	Algae growth chambers LED Lighting Temperature only
Model	agc-320

320 litre LED algae growth chamber  
Temperature only



\*Specifications subject to change without notice

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              LED Lighting  
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Model      agc-320

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Chamber capacity	320 Litres
Chamber width	700 mm
Chamber depth	600 mm
Chamber height	756 mm
Chamber material	Stainless Steel 304L
External width	866 mm
External depth	784 mm
External height	1435 mm
External material	Durable epoxy powder-coated steel
Recommended clearance	75mm on sides and rear
Temperature range	4 to 50C
Temperature sensor	Pt100
Control accuracy	0.1 C
Temporal stability	0.2 C
Available shelf positions	8
Shelves supplied	2
Shelf dimensions	690 x 590 mm
Shelf spacing	86 mm
Shelf capacity	50 KG
Insulation type	Mineral Wool - asbestos free
Insulation thickness	50mm
Compressor size	1/3 HP
Refrigerant	CFC-Free R134a
Lighting source	Bi-Directional (up/down) Waterproof LED Cassettes Lighting directly above and below entire shelf
Growth area	0.4m <sup>2</sup> (per shelf)
Maximum intensity	200µmol/m <sup>2</sup> /sec



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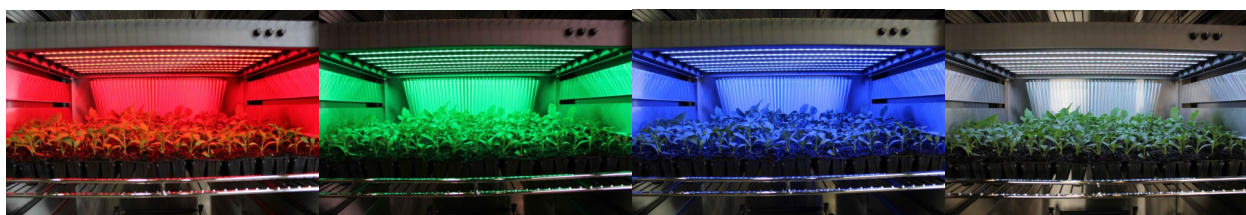
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Lighting colours

Lighting cassettes comprised of any combination of:

Warm White  
Cool White  
Red  
Green  
Blue  
RGB Combination—Variable spectrum



Electrical supply

Single phase, 220 - 240V, 50 - 60 Hz  
(alternatives available on request)

Element rating

0.75 kW

Circulating fan

1

Controller type

Multifunction intelligent digital PID-microprocessor

Readout

Digital LCD readout of set and actual temperature

Temperature alarms

High | low | deviation

Diurnal Control

Automatic switching between selected Day and Night  
Temperatures (and lights)

Country of origin

Australia



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### Options / Accessories

- Additional shelves
- 8 Step programmable controller
- 500 Step programmable controller
- Inner viewing door - toughened glass
- Double glazed glass door
- Side access port - 50 mm
- Fan speed controller
- Internal power supply\*
- RS232 or RS485 comms module
- Ethernet comms module
- ISPM 15 compliant crating for export
- Calibration certificate
- Co2 Control (ambient to 3000ppm)

\*Maximum temperature limited to 50C