

AlgaeTron AG 160

Parameters	
Volume	163 l
Illuminated tiers	2
Shelves dimension	48.5 x 38.5 cm
Total growth area	0.38 m ²
Temperature range	10–45 °C
Internal dimensions (w x d x h)	51 x 45 x 71 cm
External dimensions (w x d x h)	60 x 62 x 114 cm
Air supply	150 l/h
LED light illumination	
Top LED panel (1 piece)	white with added far-red LEDs 735 nm
Lower LED panel (1 piece)	white with added far-red LEDs 735 nm
Maximum light intensity (PPFD) at 30 cm	Top panel: 500 $\mu\text{mol.m}^{-2}.\text{s}^{-1}$ Light upgrade: 1,500 $\mu\text{mol.m}^{-2}.\text{s}^{-1}$
	Lower panel: 350 $\mu\text{mol.m}^{-2}.\text{s}^{-1}$ Light upgrade: 500 $\mu\text{mol.m}^{-2}.\text{s}^{-1}$
Other	
Refrigerant	R290 (no CFCs, eco-friendly)
Operating temperature	10–35 °C

AlgaeTron AG 300

Parameters	
Volume	307 l
Illuminated tiers	4
Shelves dimension	48.5 x 38.5 cm
Total growth area	0.75 m ²
Temperature range	10–45 °C
Internal dimensions (w x d x h)	51 x 45 x 135 cm
External dimensions (w x d x h)	60 x 62 x 177 cm
Air supply	150 l/h
LED light illumination	
Top LED panel (1 piece)	white with added far-red LEDs 735 nm
Lower LED panel (3 pieces)	white with added far-red LEDs 735 nm
Maximum light intensity (PPFD) at 30 cm	Top panel: 500 $\mu\text{mol.m}^{-2}.\text{s}^{-1}$ Light upgrade: 1,500 $\mu\text{mol.m}^{-2}.\text{s}^{-1}$
	Lower panel: 350 $\mu\text{mol.m}^{-2}.\text{s}^{-1}$ Light upgrade: 500 $\mu\text{mol.m}^{-2}.\text{s}^{-1}$
Other	
Refrigerant	R290 (no CFCs, eco-friendly)
Operating temperature	10–35 °C