

FS/AG 300 Technical Data

Parameters	
Volume (l)	307
Illuminated tiers	4
Shelves dimension (cm)	48.5 x 38.5
Total growth area (m ²)	0.75
Temperature range (°C)	10 – 45
	15 – 45 with light upgrade
Internal dimensions (w x d x h, cm)	51 x 45 x 135
External dimensions (w x d x h, cm)	60 x 62 x 177
Air supply (l/h)	300
LED light illumination	
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) (μmol·m ⁻² ·s ⁻¹)	Top panel: 500 (AG 300), 1,000 (FS 300) Light upgrade: 1,500
	Lower panel: 350 Light upgrade: 500
Other	
Refrigerant	R290
Operating temperature (°C)	10 - 35
Optimal operating temperature (°C)	18 – 25
Power / Power Input (W)	670
Voltage (V)	220 – 240 AC
Weight (kg, without shaker)	150
Communication ports	Ethernet socket USB port – only for the supplied USB flash disc
Capacity of shakers (pcs)	3 (Shaker SHK-2013- AC)