

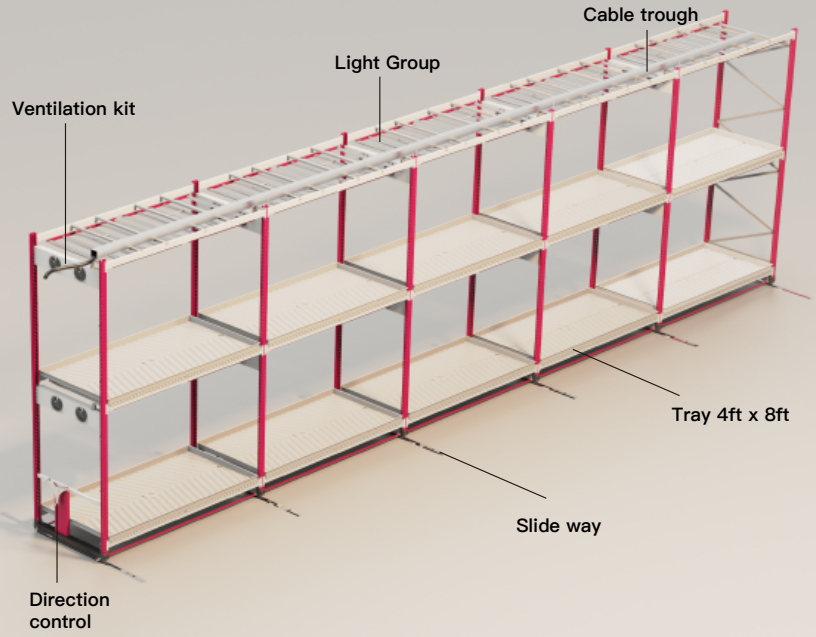


Technology With Respect to Nature.

VG Series For Planting Rack

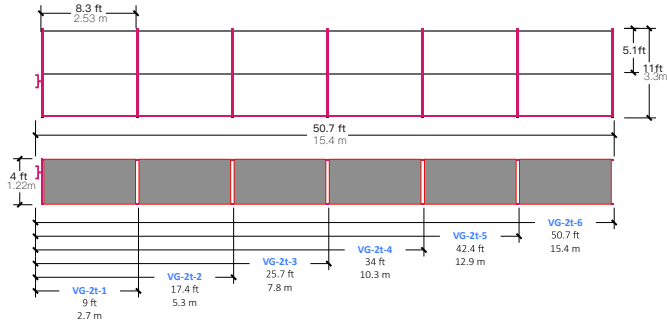
VERTIGRO

Vertical Cannabis Cultivation

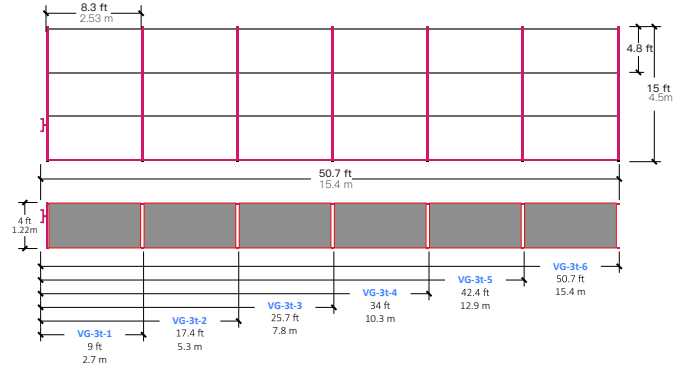


Measurements

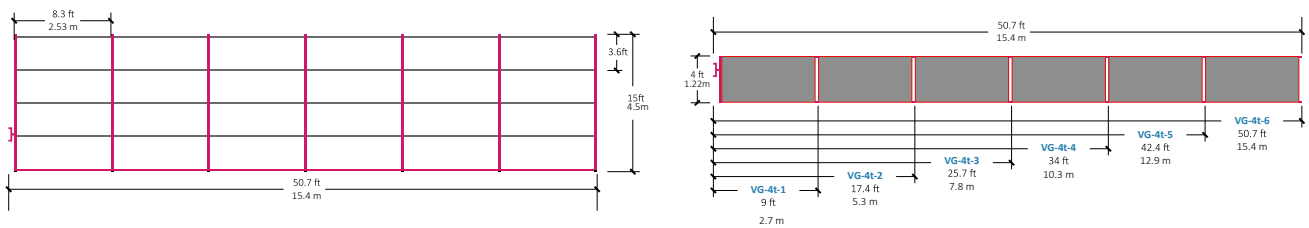
2 Tiers:



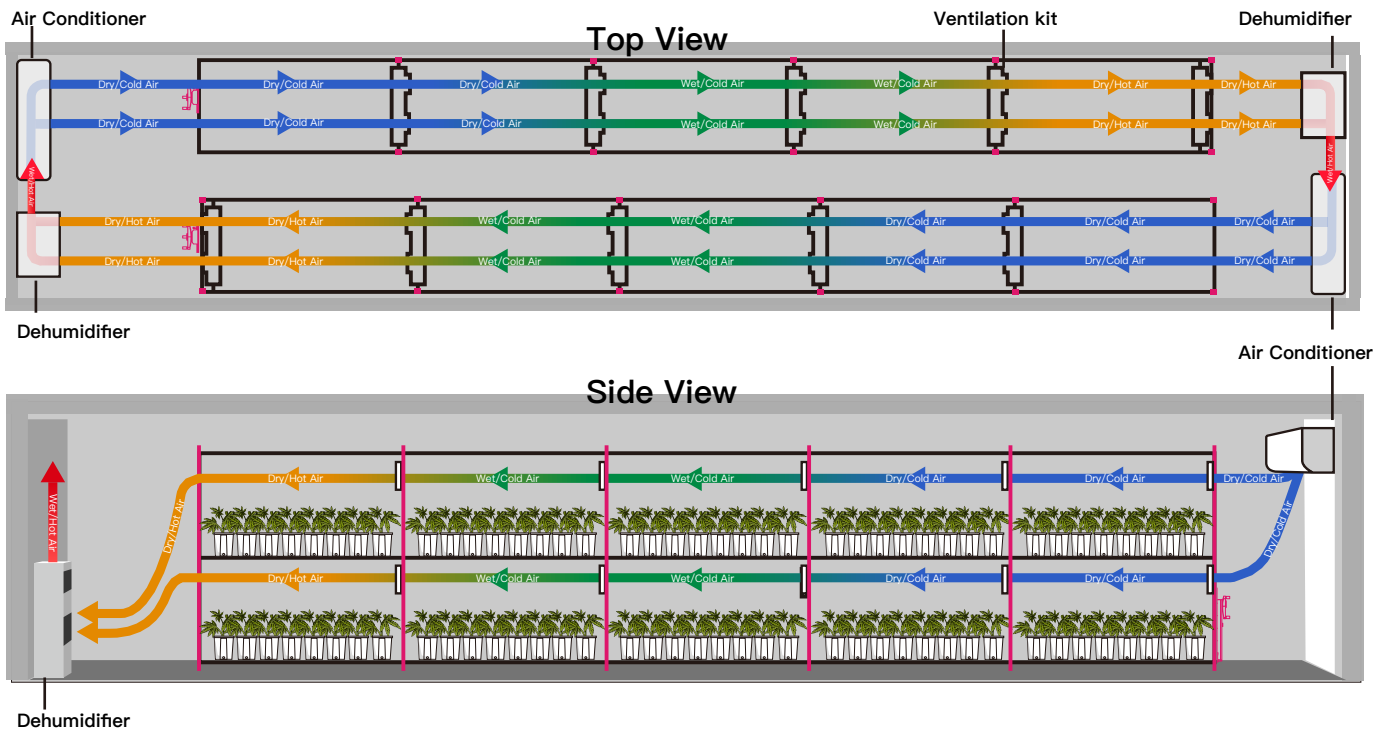
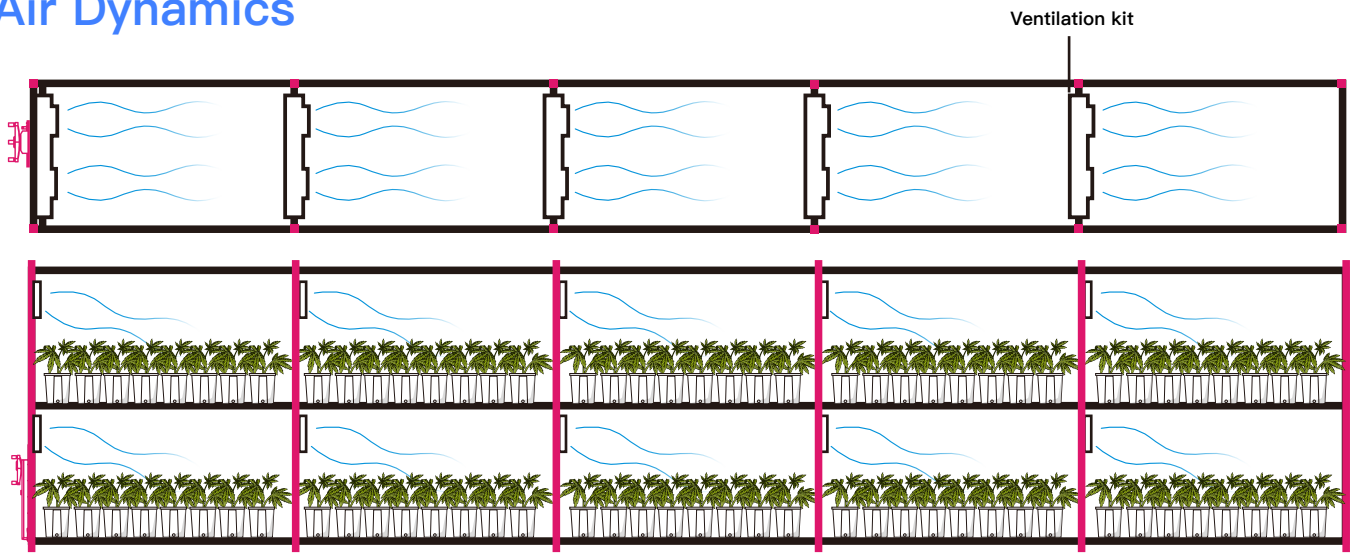
3 Tiers:



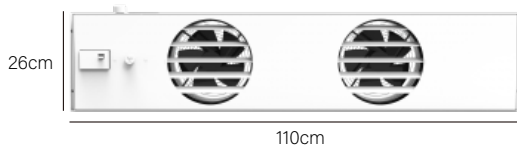
4 Tiers:



Air Dynamics



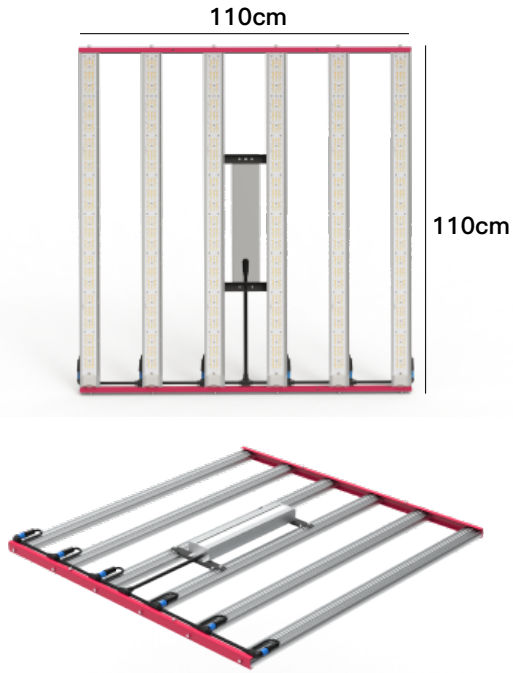
Ventilation kit parameter



Specifications

Power Consumption	2*45W±10%	Max.Air flow	2*350 CFM±10%
Speed	2650RPM±10%	Noise Level	2*59dB(A)
Size - L/W/H (M)	1.1*0.1*0.26		

Plant Lighting

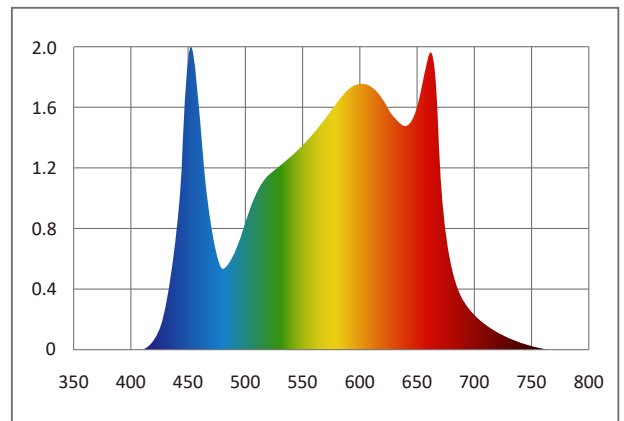


Product Parameter

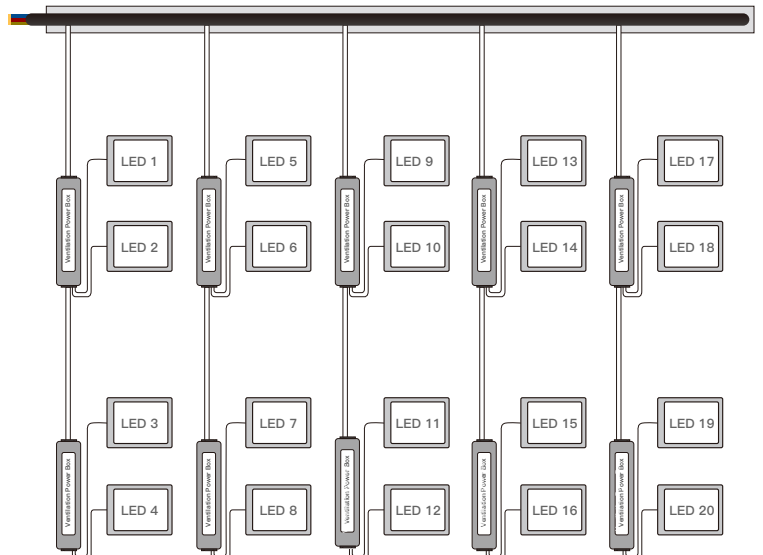
Model	AS730
Power	730W (4x4ft)
PPE	2.7 $\mu\text{mol}/\text{j}$
PPFD @ 1ft/30.48cm	1,340 $\mu\text{mol}/\text{m}^2/\text{s}$
PPFD @ 2ft/60.96cm	1,000 $\mu\text{mol}/\text{m}^2/\text{s}$
Input Voltage	100-277V AC
Cooling	Passive
Light Source	LED
Light Even Distribution Level	8" under light or more
Light Recipe	Full Spectrum
Dimmer	Power Dimmer
IP	IP65



Spectrum Graph



Wiring Diagram

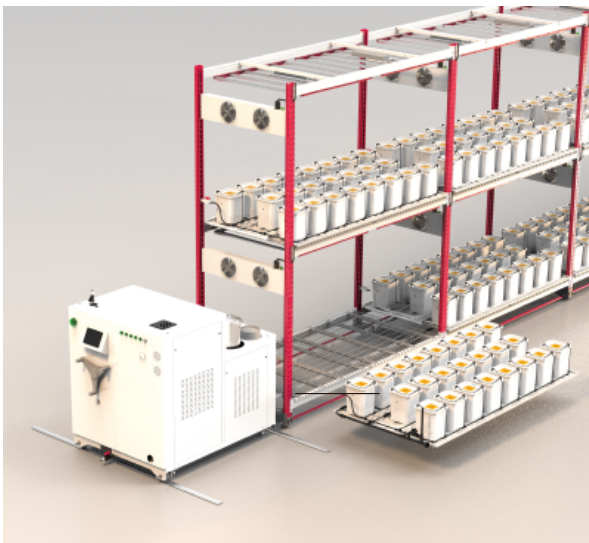


Specifications

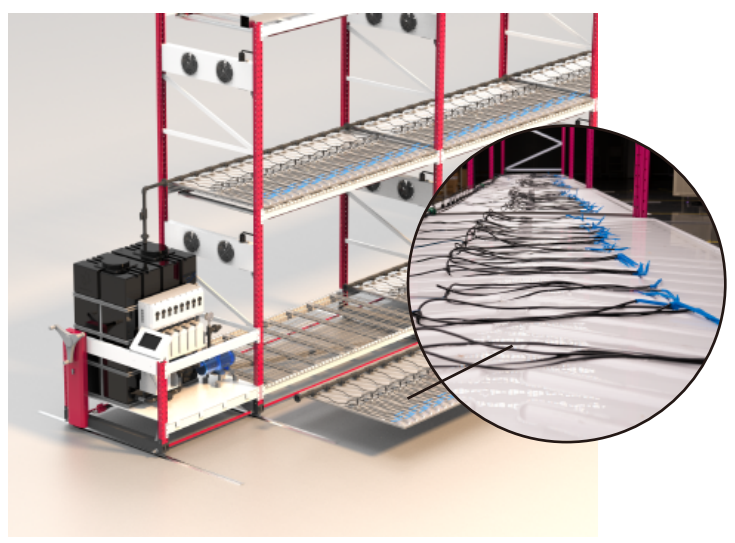
	VG-2t-1	VG-2t-2	VG-2t-3	VG-2t-4	VG-2t-5	VG-2t-6	VG-3t-1	VG-3t-2	VG-3t-3	VG-3t-4	VG-3t-5	VG-3t-6	VG-4t-1	VG-4t-2	VG-4t-3	VG-4t-4	VG-4t-5	VG-4t-6	
Basic Specifications																			
Canopy Area(sq-ft)	64	128	192	256	320	384	96	192	288	384	480	576	128	256	384	515	640	768	
(sq-m)	6	11.9	17.9	23.8	29.8	35.7	8.9	17.9	26.8	35.7	44.7	53.6	11.9	23.8	35.7	47.6	59.5	71.4	
Space Needed(sq-ft)	36	69.6	102.8	136	169.6	253.5	36	69.6	102.8	136	169.6	253.5	36	69.6	102.8	136	169.6	253.5	
(sq-m)	3.3	6.5	9.5	12.6	15.7	18.8	3.3	6.5	9.5	12.6	15.7	18.8	3.3	6.5	9.5	12.6	15.7	18.8	
Size - L/W/H(ft)	9 x 4 x 11	17.4 x 4 x 11	25.7 x 4 x 11	34 x 4 x 11	42.4 x 4 x 11	50.7 x 4 x 11	9 x 4 x 15	17.4 x 4 x 15	25.7 x 4 x 15	34 x 4 x 15	42.4 x 4 x 15	50.7 x 4 x 15	9 x 4 x 15	17.4 x 4 x 15	25.7 x 4 x 15	34 x 4 x 15	42.4 x 4 x 15	50.7 x 4 x 15	
(m)	2.7 x 1.2 x 3.3	5.3 x 1.2 x 3.3	7.8 x 1.2 x 3.3	10.3 x 1.2 x 3.3	12.9 x 1.2 x 3.3	15.4 x 1.2 x 3.3	2.7 x 1.2 x 4.5	5.3 x 1.2 x 4.5	7.8 x 1.2 x 4.5	10.3 x 1.2 x 4.5	12.9 x 1.2 x 4.5	15.4 x 1.2 x 4.5	2.7 x 1.2 x 4.5	5.3 x 1.2 x 4.5	7.8 x 1.2 x 4.5	10.3 x 1.2 x 4.5	12.9 x 1.2 x 4.5	15.4 x 1.2 x 4.5	
Power Repeater & Ventilation Box																			
Power (W)	200	400	600	800	1000	1200	300	600	900	1200	1500	1800	400	800	1200	1600	2000	2400	
QTY of Ventilation(Pcs)	4	8	12	16	20	24	6	12	18	24	30	36	8	16	24	32	40	48	
MOBILE Rack System																			
Way of Moving										Mechanic Assist									
Bearing										Dual-Bearing									
Tiers	2	2	2	2	2	2	2	3	3	3	3	3	4	4	4	4	4	4	
Set	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	
Total QTY of Tray	2	4	6	8	10	12	3	6	9	12	15	18	4	8	12	16	20	24	
Bearing Force										800Kgs/Tray									
Defrosting Trays-4X8 ft	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	

Optional equipment

Aeroponic Irrigation system



Dripping Irrigation system



GROWSPEC

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