

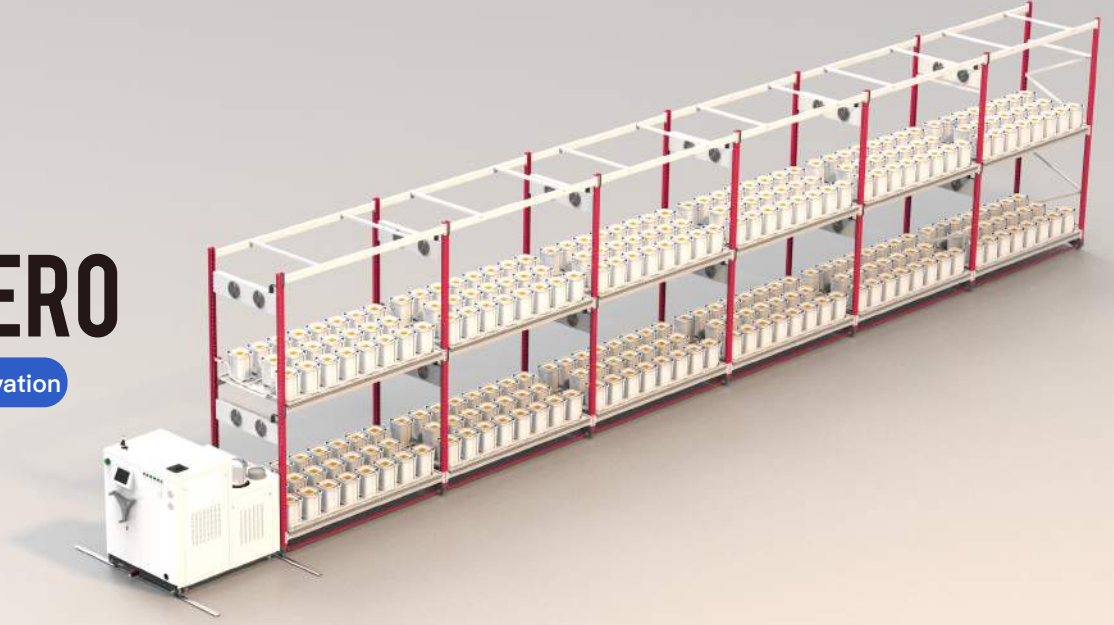


Technology With Respect to Nature.

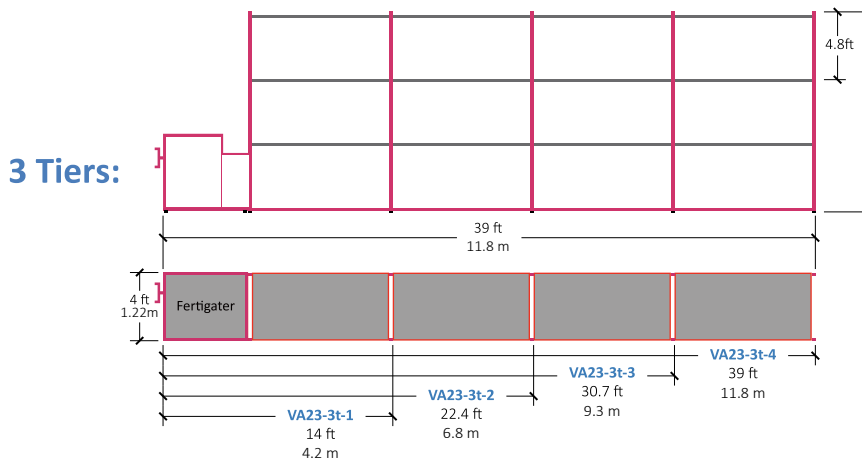
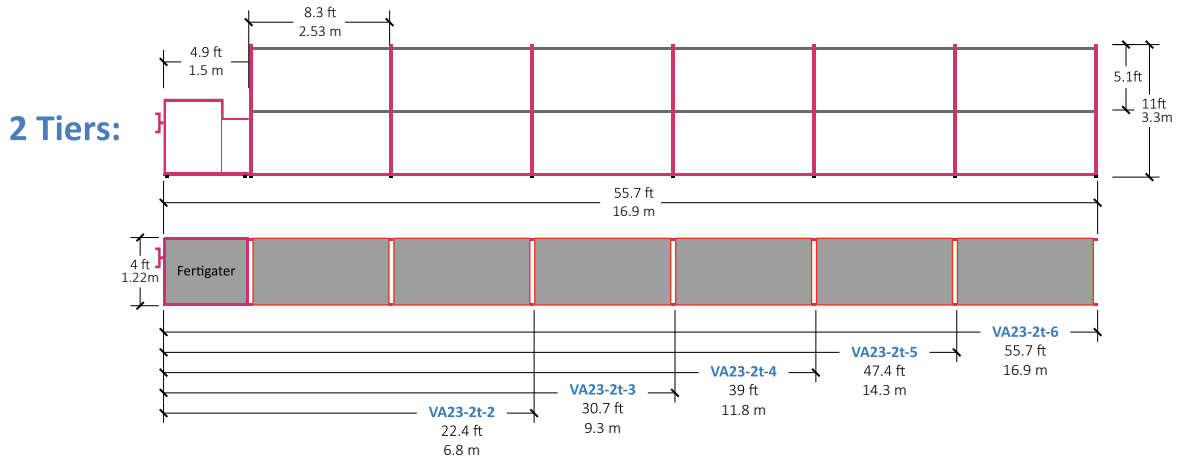
VA23 Series For Flowering

VERTIAERO

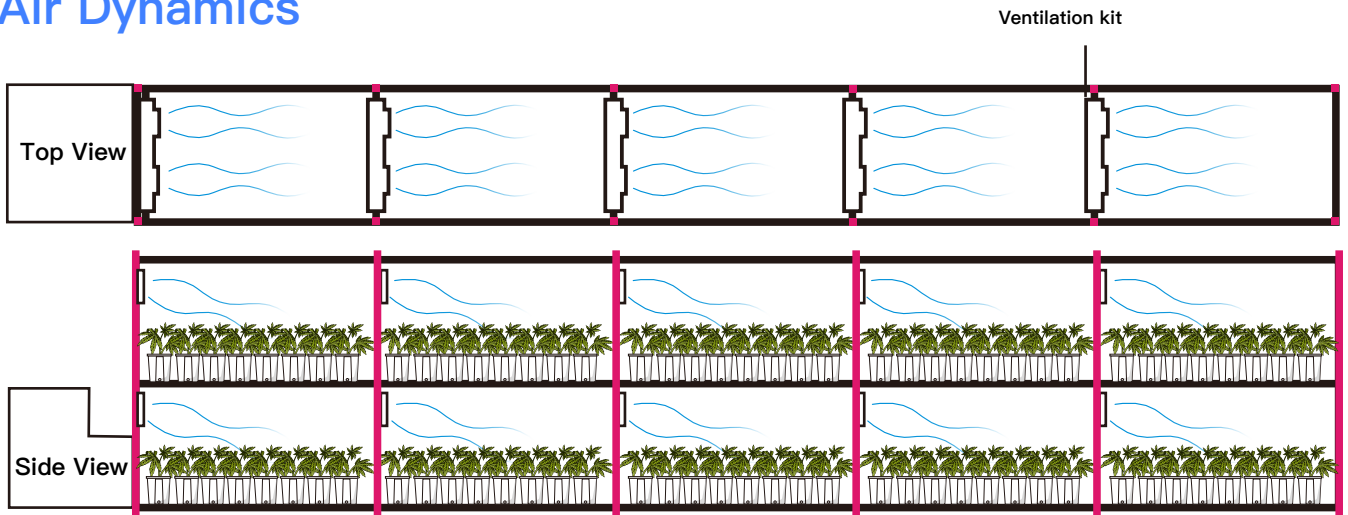
Vertical Cannabis Cultivation



Measurements



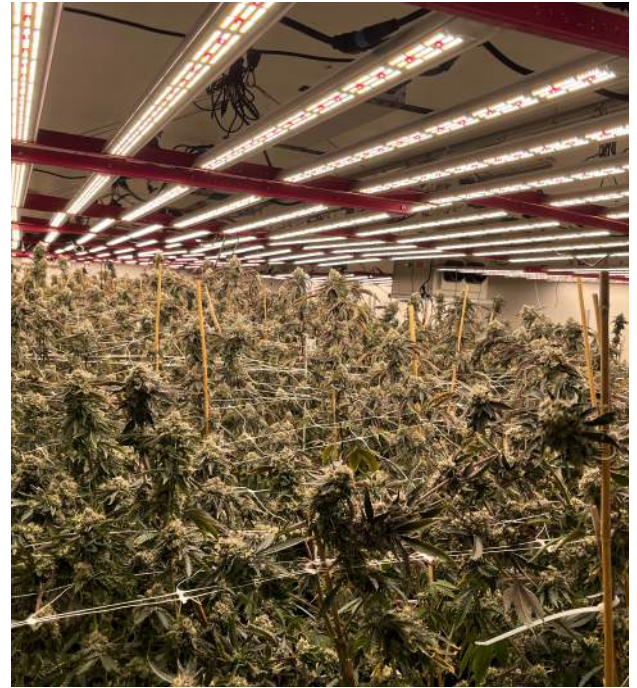
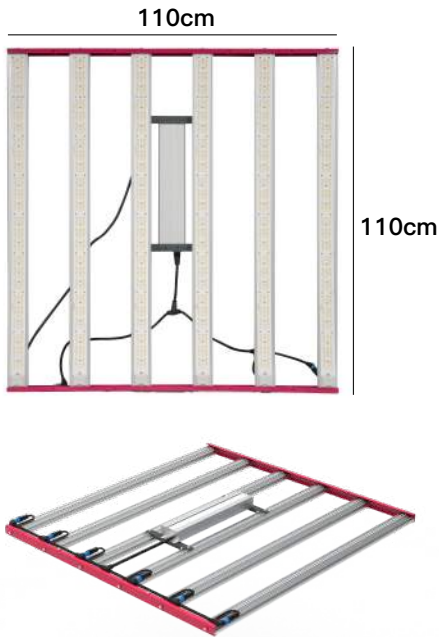
Air Dynamics



VA23 Bucket Group



Plant Lighting

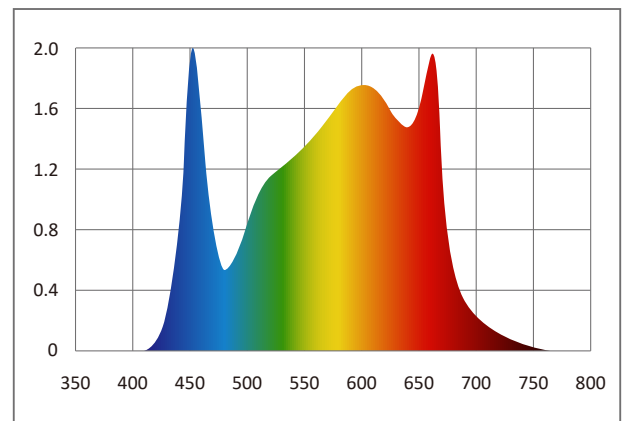


Product Parameter

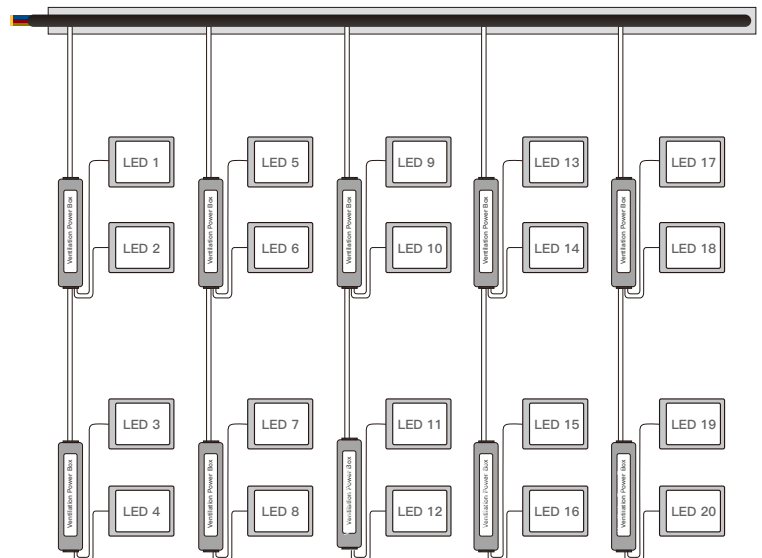
Model	AS650
Power	650W (4x4ft)
PPE	2.7 $\mu\text{mol}/\text{j}$
PPFD @ 1ft/30.48cm	1,178 $\mu\text{mol}/\text{m}^2/\text{s}$
PPFD @ 2ft/60.96cm	760 $\mu\text{mol}/\text{m}^2/\text{s}$
Input Voltage	100-277V AC
Cooling	Passive
Light Source	LED
Light Even Distribution Level	8" under light or more
Light Recipe	Full Spectrum
Dimmer	Power Dimmer
IP	IP65



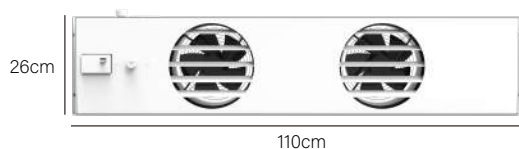
Spectrum Graph



Wiring Diagram



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		

Specifications

Optional Standard	VA23-2t-2	VA23-2t-3	VA23-2t-4	VA23-2t-5	VA23-2t-6	VA23-3t-2	VA23-3t-3	VA23-3t-4	
Basic Specifications									
Power in Max(KW)	10	12.9	15.7	18.5	21.3	12.9	17.1	21.3	
Irrigation pattern	Hybrid Of Aeroponic & Hydroponic								
Control Unit	7" touch screen with RS 485 output								
QTY Of Plants/line(Pcs)	92	138	184	230	276	138	207	276	
Canopy Area (sq-ft)	128	192	256	320	384	192	288	384	
(sq-m)	11.9	17.9	23.8	29.8	35.7	17.9	26.8	35.7	
Space Needed(sq-ft)	89.6	122.8	156	189.6	278.5	89.6	122.8	156	
(sq-m)	8.3	11.3	14.4	17.4	20.6	8.3	11.3	14.4	
Size - L/W/H(ft)	22.4 x 4 x 11	30.7 x 4 x 11	39 x 4 x 11	47.4 x 4 x 11	55.7 x 4 x 11	22.4 x 4 x 15	30.7 x 4 x 15	39 x 4 x 15	
(m)	6.8 x 1.2 x 3.3	9.3 x 1.2 x 3.3	11.8 x 1.2 x 3.3	14.3 x 1.2 x 3.3	16.9 x 1.2 x 3.3	6.8 x 1.2 x 4.5	9.3 x 1.2 x 4.5	11.8 x 1.2 x 4.5	
Irrigation System									
Pump	759W/230V/3.3a	943W/230V/4.1A	943W/230V/4.1A	1380W/230V/6A	1380W/230V/6A	943W/230V/4.1A	1380W/230V/6A	1380W/230V/6A	
Water Chiller	1.5HP	1.5HP	1.5HP	1.5HP	1.5HP	1.5HP	1.5HP	1.5HP	
UV Sterilizer	●	●	●	●	●	●	●	●	
Filters	●	●	●	●	●	●	●	●	
Aerator	●	●	●	●	●	●	●	●	
Dosing System	○	○	○	○	○	○	○	○	
Ductwork	PVC & PE	PVC & PE	PVC & PE	PVC & PE	PVC & PE	PVC & PE	PVC & PE	PVC & PE	
Planting Bucket(Pcs)	92	138	184	230	276	138	207	276	
Nozzles(Pcs)	184	276	368	460	552	276	414	552	
Lighting System									
Total Power(W)	5200	7800	10400	13000	15600	7800	11700	15600	
Model of LED Grow Lights	AS650	AS650	AS650	AS650	AS650	AS650	AS650	AS650	
QTY of Lights (Pcs)	8	12	16	20	24	12	18	24	
Dimmer				Stainless Adjusted					
Power Repeater & Ventilation Box									
Power(W)	400	600	800	1000	1200	600	900	1200	
QTY of Ventilation(Pcs)	4	6	8	10	12	6	9	12	
Mobile Rack System									
Way of Moving				Mechanic Assist					
Bering				Duel - Bearing					
Tiers	2	2	2	2	2	3	3	3	
Set	2	3	4	5	6	2	3	4	
Total QTY of Tray	4	6	8	10	12	6	9	12	
Bearing Force					800Kgs/Tray				
Defrosting Tray - 4X8 ft	●	●	●	●	●	●	●	●	



GROWSPEC

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