

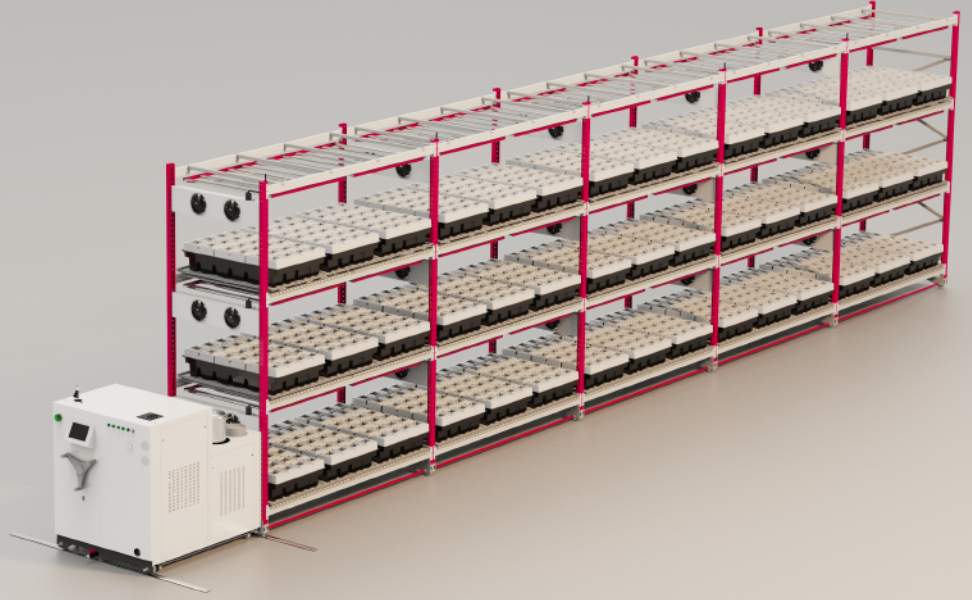


Technology With Respect to Nature.

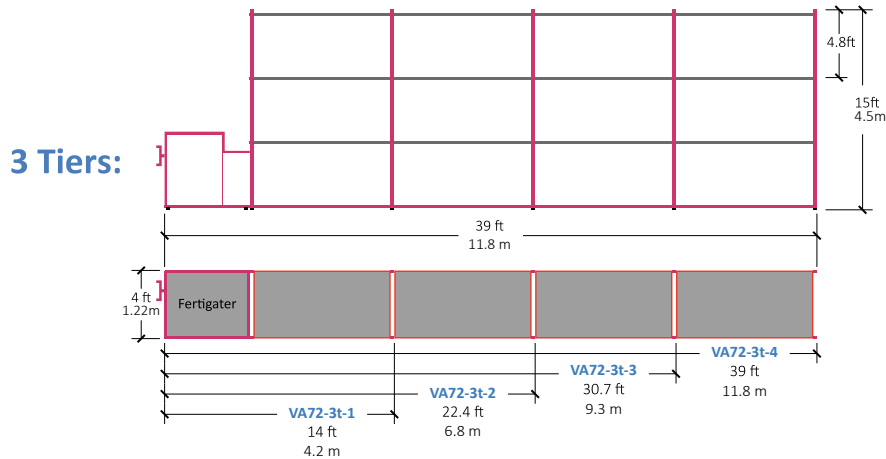
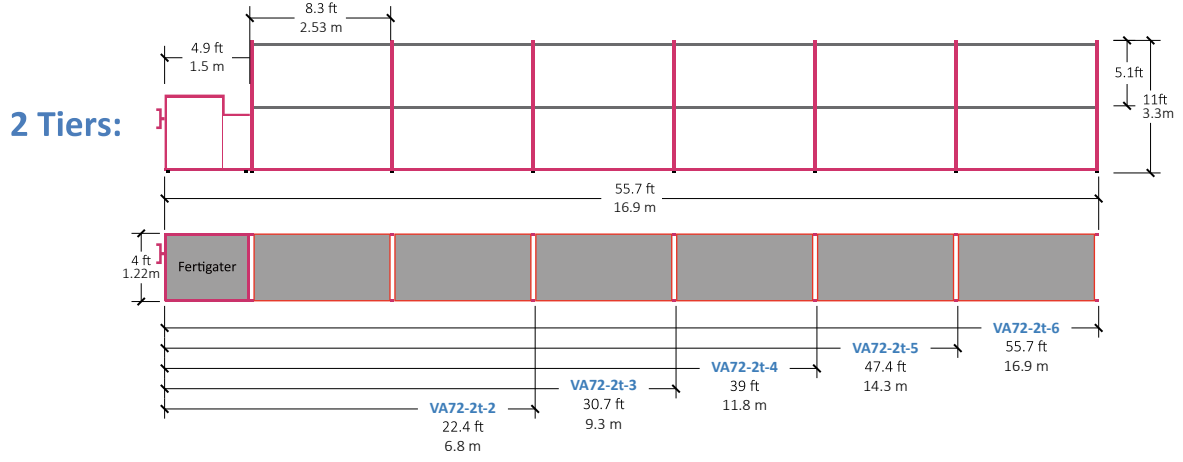
VA72 Series For Flowering

VERTIAERO

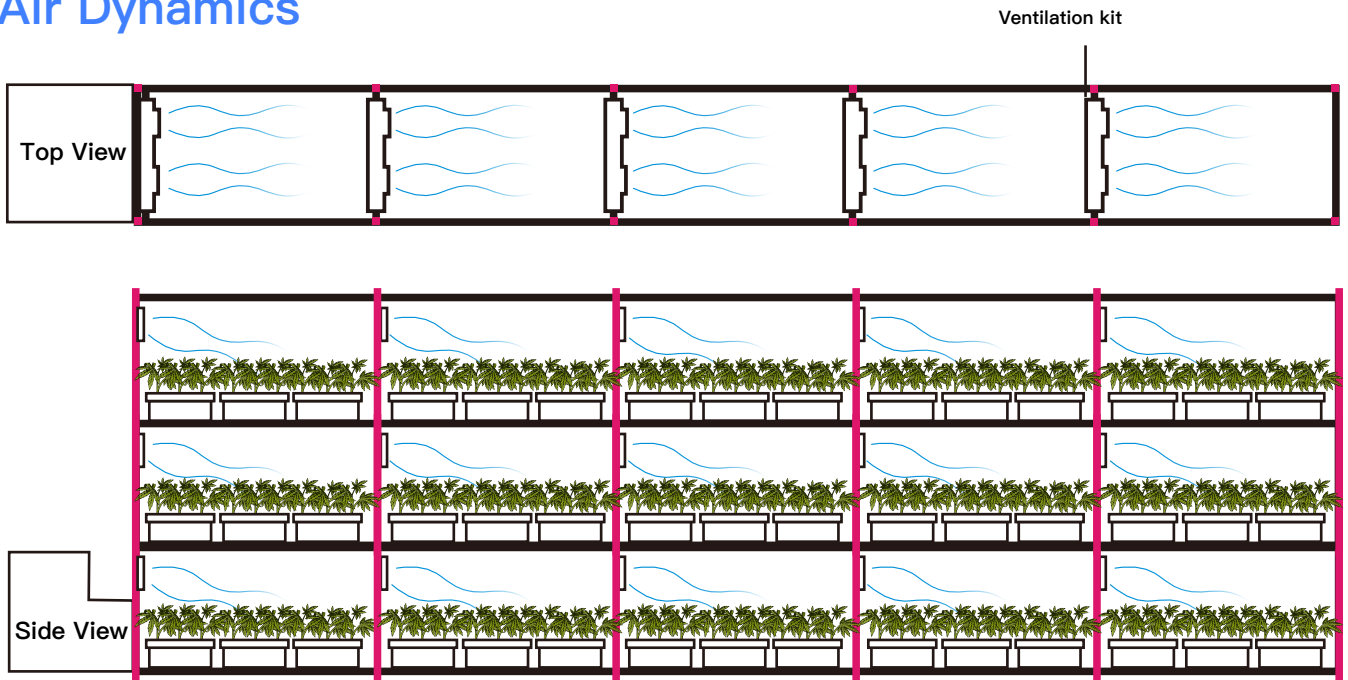
Vertical Cannabis Cultivation



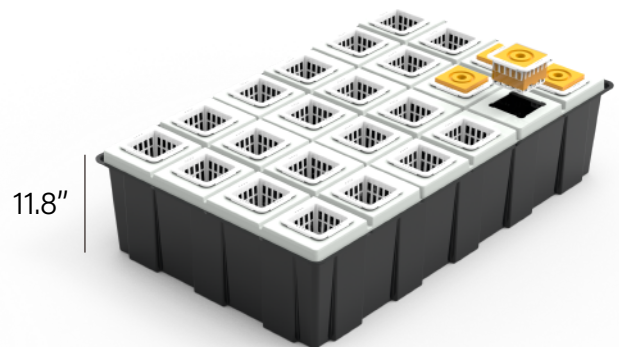
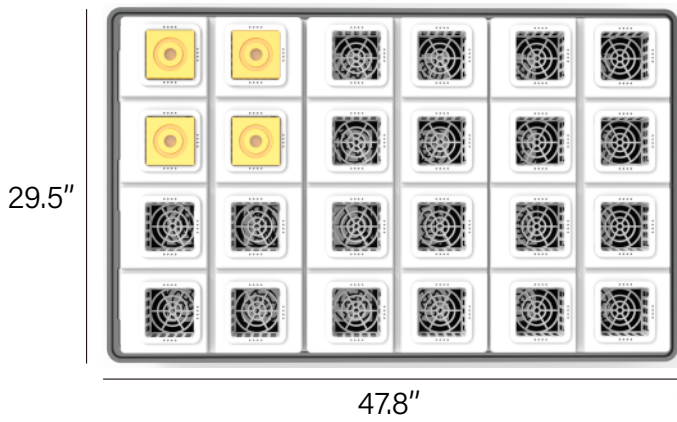
Measurements



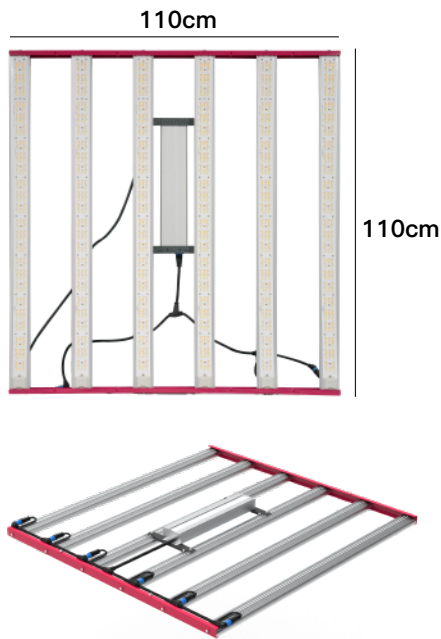
Air Dynamics



VA72 Bucket Group



Plant Lighting

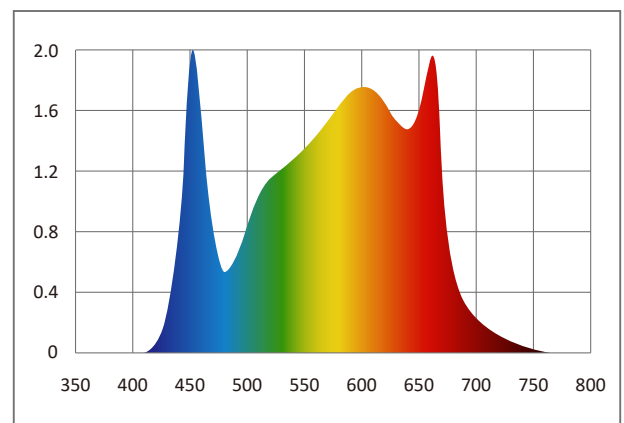


Product Parameter

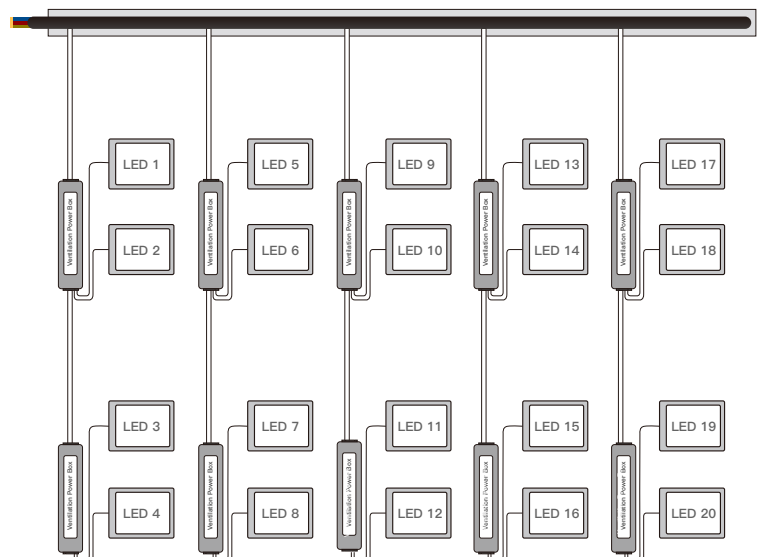
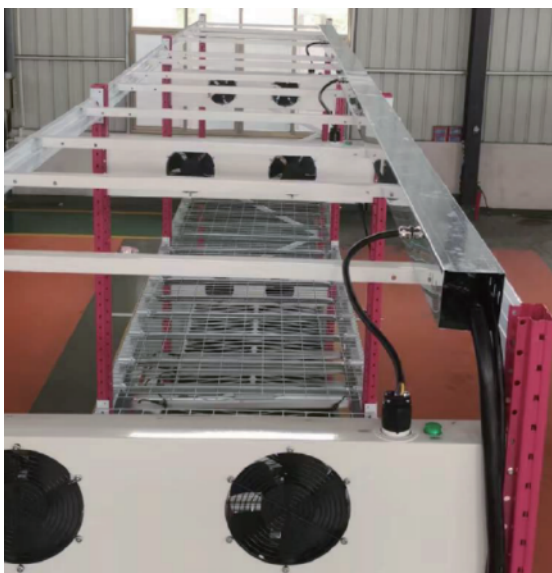
Model	AS650
Power	650W (4x4ft)
PPE	2.7 $\mu\text{mol}/\text{j}$
PPFD @ 1ft/30.48cm	1,178 $\mu\text{mol}/\text{m}^2/\text{s}$
PPFD @ 2ft/60.96cm	760 $\mu\text{mol}/\text{m}^2/\text{s}$
Input Voltage	100-277V AC
Cooling	Passive
Light Source	LED
Light Even Distribution Level	8" under light or more
Light 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	VA72-2t-2	VA72-2t-3	VA72-2t-4	VA72-2t-5	VA23-2t-6	VA72-3t-2	VA72-3t-3	VA72-3t-4
Basic Specifications								
Power in Max(KW)	7.5	8.9	10.4	11.9	13.3	8.9	11.2	13.3
Irrigation pattern	Hybrid Of Aeroponic & Hydroponic							
Control Unit	7" touch screen with RS 485 output							
QTY Of Plants/line(Pcs)	288	432	576	720	864	432	648	864
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 Pot(Pcs)	12	18	24	30	36	18	27	36
Nozzles(Pcs)	192	288	384	480	576	288	432	576
Lighting System								
Total Power(W)	2560	3840	5120	6400	7680	3840	5760	7680
Model of LED Grow Lights	VB320B	VB320B	VB320B	VB320B	VB320B	VB320B	VB320B	VB320B
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)	8	12	16	20	24	12	18	24
Mobile Rack System								
Way of Moving				Mechanic Assist				
Bearing				Dual - 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				



GROWSPEC

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