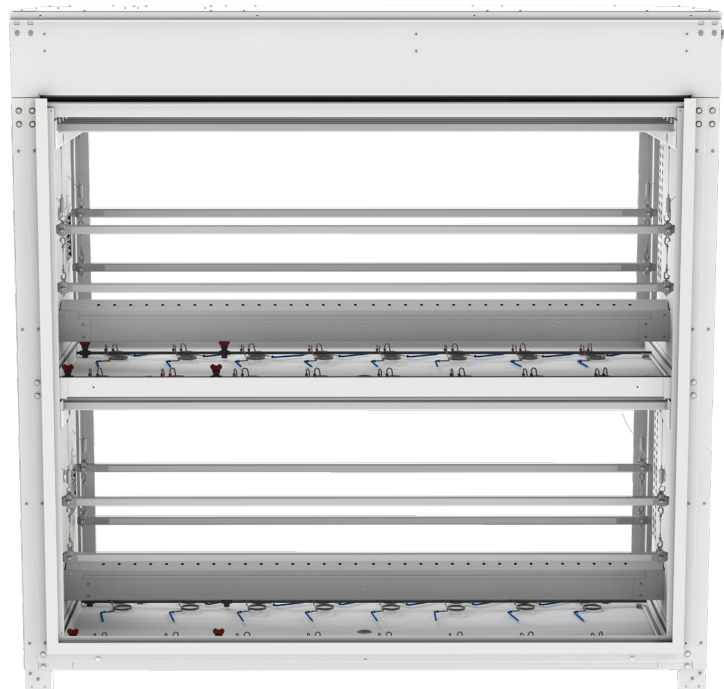


VFU VERTICAL FARMING UNIT

Agrify VFUs have been designed specifically for cannabis cultivation at unmatched scale. Integrated with Agrify Insights™ production planning software, each VFU provides independent control over its internal environment. This integration allows for precision growing and optimization.

Our customers have achieved up to 29% more total cannabinoids, more consistent yields, and up to a 6x increase in yield per square foot compared to their conventional systems.



ELECTRICAL

Consumption varies with grow phase.
Only maximum information shown below

Input Voltage (AC)	277V Single Phase
Max Input Power	3.5 kVA
Max Input Current	20 A
Power Factor	> 0.9
Thermal Management	Active

PLUMBING

Consumption varies with grow phase.
Only maximum information shown below

Fresh Water Line	33 GPH (Max) 1 GPH (Typ)
Fertigation Lines (3x)	33 GPH (Max) 1 GPH (Typ)
Drain (2x)	4 GPH

CLIMATE CONTROL

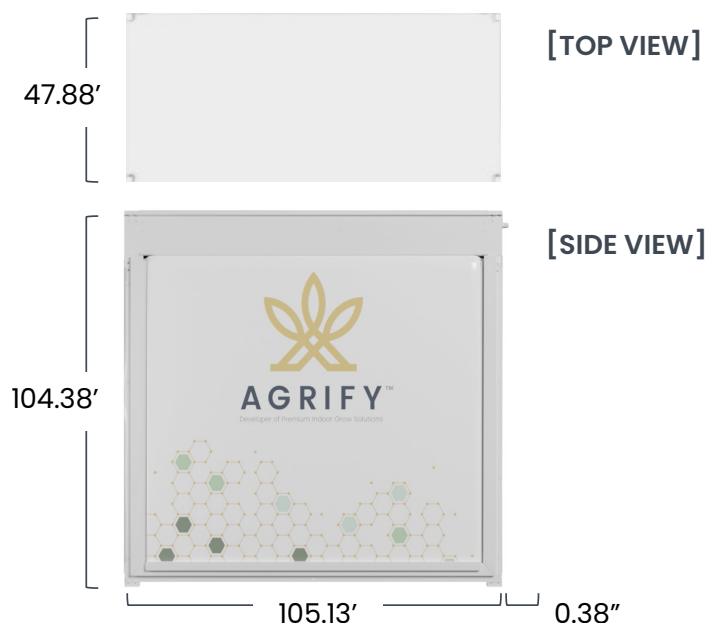
Facility design requirement based on
VFU diversification

Cooling Capacity	2-ton per VFU
Heating Capacity	20,000 BTUs/hrs.

CONNECTIONS

Power Feed	277V Junction Box
Network Connection	CAT5/6 Ethernet
CO2 Supply	0.25" Nylon PTF Bulkhead
Fresh Water Line	1/2" NPT
Fertigation Lines (3x)	1/2" NPT
Chilled Water In	3/4" NPT
Chilled Water Out	3/4" NPT
Condensate Drain	3/4" Barbed Connection
Basin Drain	3/4" Barbed Connection

DIMENSIONS



LIGHTING (Per Tier)

	Top Lighting	Intercanopy Lighting
Power	960 W	384 W
Light Intensity (PPF)	2500 $\mu\text{mol/s}$	1000 $\mu\text{mol/s}$
System Efficiency	2.60 $\mu\text{mol/J}$	2.60 $\mu\text{mol/J}$
Beam Angle	120°	90°

