Agrify VFUs have been designed specifically for cannabis cultivation at unmatched scale. Integrated with Agrify Insights, each VFU provides independent control over its internal environment that allows for precision growing and optimization not possible with any other system. Our customers have achieved up to 29% more total cannabinoids and up to a 6x increase in yield per square foot compared to their conventional systems.
**VFU: Vertical Farming Unit**

### Specifications

#### Physical

- **Length (in)**: 100.75"
- **Width (in)**: 47.88"
- **Max Height (in)**: 110.75"
- **Net Weight (lb)**: 775

#### Electrical

- **Max Input Wattage- LED Lights (W)**: 2,688
- **Voltage (VAC)**: 90 — 305
- **Frequency (Hz)**: 50/60
- **Power Factor**: > 0.9

#### Plumbing

- **Fresh Water Connection**: 1/2" PTC 33 GPH (Max) 1 GPH (Typ)
- **Veg Irrigation Connection**: 1/2" PTC 33 GPH (Max) 1 GPH (Typ)
- **Flower Irrigation Connection**: 1/2" PTC 33 GPH (Max) 1 GPH (Typ)
- **2x Drain Connection**: 1/2" FPT N/A

#### Cooling

- **Cooling Capacity**: 14,150 BTU/Hr
- **Cooling Flow Rate**: 2.88 GPM @ 4.35 psi

### Spectrum

**[Flowering Phase]**

- **Relative Spectrum**
  - Wave Length (nm): 463, 575, 688, 800

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