



Pyure MVP48™

Hydroxyl Generating Air & Surface Purification System

Product Specifications



Pyure MVP48™ Purification System

The MVP48™, the most potent hydroxyl generating system, is ideal for large installations or new builds. It is built to treat up to 450,000 sq ft (41,806 sq m) with multiple UV Optic configurations that output the volume of hydroxyls required for industrial applications and significant treatment areas. The MVP48 is designed to meet the NEMA 12 rating, is sensor-driven with interactive process controls, and is IoT available through a communication gateway.

Operating Guideline

Treatment Range	Max 450,000 sq ft (41,806.4 sq m).*
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*Based on typical operating conditions: 3 air changes per hour, 90% recirculated air, and 9-foot (2.7 m) ceiling.

Specifications

Dimensions (LxWxD)	39"x31"x84.5" (990.6mm x 787.4mm x 2146.3mm)(without filter box) 51.4"x39"x84.5" (1305.56mm x 990.6mm x 2146.3mm)(with filter box)
Weight	673 lbs (305.27)
Voltage	120/208V @50/60Hz
Power	4,100 Watts
Number of Optics	48
Optic Configuration	Multiple
Noise Level	72 dBA (@ 5ft.) max
Fan Rating	1,250-2,500 CFM (with standard fan option)
Filter	17.25"x39"x1" (438.15mm x 990.6mm x 25.4mm) washable
Shipping Dimensions	Crate 1 - 59" x 43" x 96" (1498.6mm x 1092.2mm x 2438.4mm) Crate 2 - 49" x 42" x 52" (1244.6mm x 1066.8mm x 1320.8mm)
Shipping Weight	1,300 lb (589.67kg) Crate 1, 475 lb (215.45kg) Crate 2
Certification	CE, Contact Pyure for specific certification requirements
Warranty	2 years covering defects in workmanship or materials, but excluding spare parts and consumables
Controller Options	Self-contained (HMI can be remote)
Sensors	Will support up to 4x sensors
Communications Protocols	Self-contained Pyure operating system External connections via Ethernet (Standard) Other wireless connections are available (Optional)
IoT Enabled	Yes, via a communication gateway
Remote Service Option	Yes

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Document# MVP48LS000