



Pyure MVP24™

Hydroxyl Generating Air & Surface Purification System

Product Specifications



Pyure MVP24™ Purification System

The MVP24™ is a heavy-duty unit built for industrial use and connection to rooftop HVAC systems. Its reinforced shell allows it to sit outside buildings enduring weather conditions without corroding by being constructed to NEMA 4X rating. Treating up to 200,000 sq ft (18,580 sq m), the MVP24™ outputs hydroxyls to treat the desired application, and its sensors and inter-active process controls ensure the levels are modulated to meet real-time requirements. The system is IoT available through a communication gateway.

Operating Guideline

Treatment Range	Max 200,000 sq ft (18,580.6 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)	73" x 31" x 38" (1854.2mm x 787.4mm x 965.2mm)
Weight	525 lbs (238.16kg)
Voltage	208-240V @50/60Hz
Power	3,000 Watts (Max)
Number of Optics	24
Optic Configuration	Varies based on Pyure Engineering configuration
Noise Level	72 dBA (@ 5ft.) max
Fan Rating	1,000-1750 CFM (with standard fan option)
Filter	15"x20"x2" (1981.2mm x 508mm x 50.8mm) MERV 11 Pleated (optional)
Shipping Dimensions	78" x 40" x 58" (1981.2mm x 1016mm x 1473.2mm) (average crate size)
Shipping Weight	827 lb (375.12kg) (based on average crate)
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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