



Pyure Dynamic Protection[®] For Air & Surfaces

Inspired by Nature. Trusted to Clean.



See how leading companies are protecting their people and processes. [————>](#)

Our Founder

developed Pyure Dynamic Protection® to protect a spouse from airborne infections while visiting hospitals over many years. Today, you can find Pyure protecting the world's leading hospitals, data centers, manufacturing processes, buildings and homes throughout the world.

Delivering Air Purification Solutions for Over 15 Years

Pyure started cleaning air and surfaces over 15 years ago and is the leader in making the invisible pollutants in the air visible via sensing, controls, and constantly testing our products' efficacy.

Certification Legend

The following certifications are referred to in this brochure

- FDA** MDU/Rx™ is an FDA Class II Medical Device (120V model) - 510(k)# K133800. Pyure's Boynton Beach establishment is registered with the CDRH, a division of the FDA - establishment #3008156690, owner operator #10070115
- CARB** IDU models, IDU™ and IDS™ are California Air Resources Board certified under executive order G-22-121
- EPA** Pyure's manufacturing facility is registered with the Environmental Protection Agency (EPA). (Establishment Number is 99502-FL-1, EPA Region: 04)
- EC DoC** MDU/Rx™ and IDU™ are registered EC DoC Class 1 Medical Devices. Registration #2096422 (IDU™) & #2097204 (MDU/Rx™). Classification V9099



Helping Customers Improve Health, Wellness and Peace of Mind

We work with customers in many industries with critical sanitization and air quality considerations.

Our customers choose Pyure because our products deliver the greatest social, environmental and economic returns.

Protecting People:

+ Healthcare	Covid-19, C. diff, MRSA, pneumonia
+ Commercial Office	Covid-19, flu, chemical off-gassing, bacteria
+ Hospitality	Cigarette smoke, covid-19, flu, mold, bacteria
+ Senior Living	C. diff, MRSA, flu, covid-19, odor, bacteria
+ Education	Flu, covid-19, odor, mold, bacteria

Protecting Industrial Process:

+ Industrial Process	Bacteria, VOC, odor, mold
+ Food Supply Chain	Ethylene, E. coli, listeria, fungus, mold
+ Greenhouse	Odor, mold, mildew, fungus, ethylene

Who we Work With:



→ Increased uptime in bottling process



→ Reduced virus, bacteria and other pathogens in operating rooms



→ Neutralized off-gassing in manufacturing process



→ Improved air quality for 47,000 student & teacher school district covering 70 buildings.



Purifies and sanitizes air

Kills 99% of airborne viruses, bacteria in 30 minutes, and the COVID-19 virus, in 20 minutes



Sanitizes surfaces

Kills surface-bound bacteria viruses, yeast and mold

Is not harmful to materials



Neutralizes

Neutralizes and decomposes VOCs, off-gassing and other airborne manufacturing byproducts



Eliminates odors

Cigarette smoke

Chemical odors such as noxious gases

Mildew and mold



Energy Efficient

Enable use of lower rated filters and reduced resistance

Reduce need to ventilate with outdoor air to ASHRAE's recommended minimum

Extends air handling system life

Proven Technology

Powered by Dynamic Protection®

Pyure uses a proprietary mixture of ultraviolet (UV) energy to mimic the way sunlight sanitizes the environment by safely generating hydroxyls and diffusing natural cleansers indoors.

Indoors with Pyure Dynamic Protection®

Pyure produces the same concentrations of hydroxyls as the sun generates outdoors.



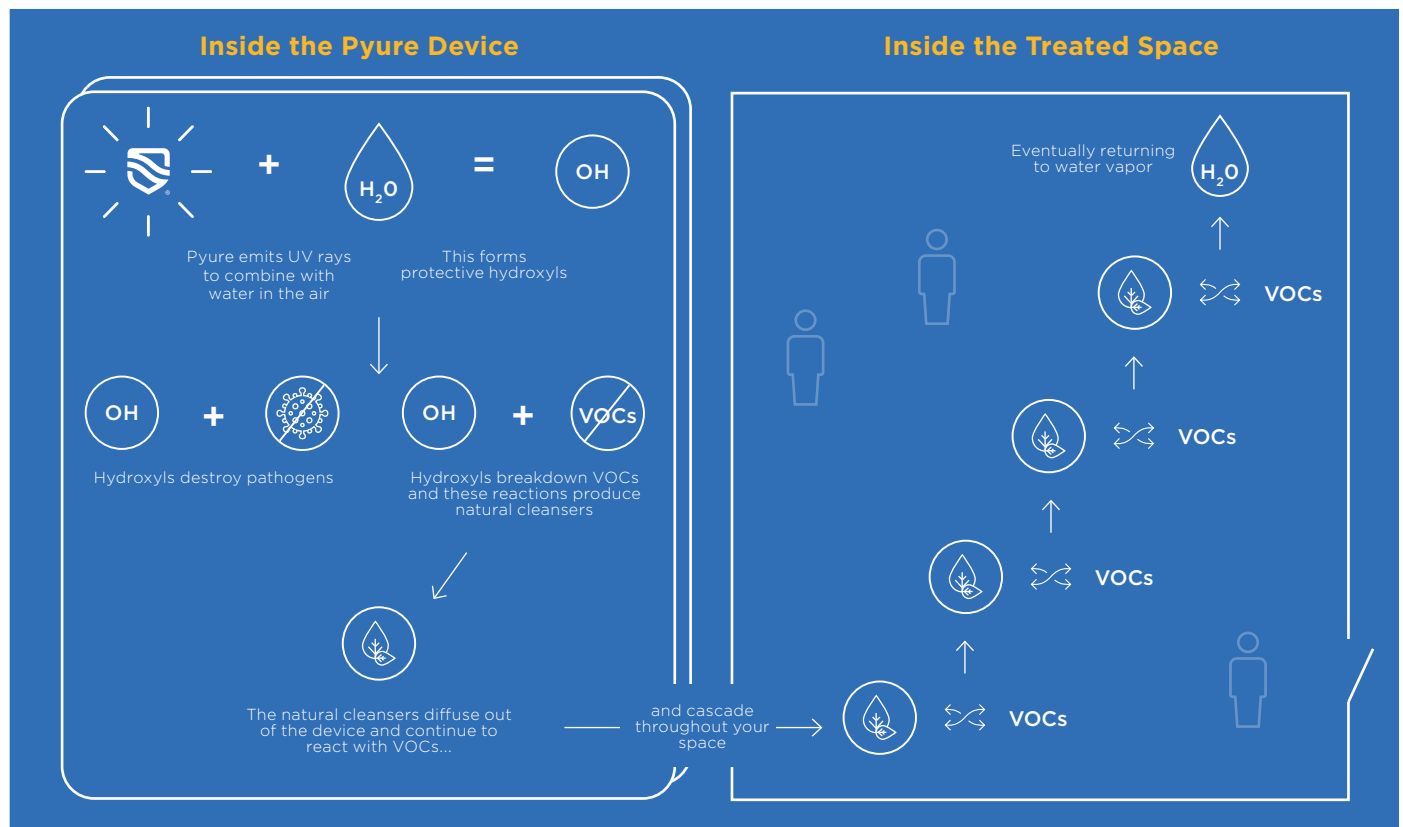
Did you know?

People exhale the VOC, isoprene.

Other sources of VOCs are:

- Gasses from paint, furniture, carpet and cleaning chemicals
- Gasses from industrial manufacturing processes, such as ethylene and styrene
- Outdoor air, such as pollution from vehicles

How Pyure Works - Inside and Outside the Device

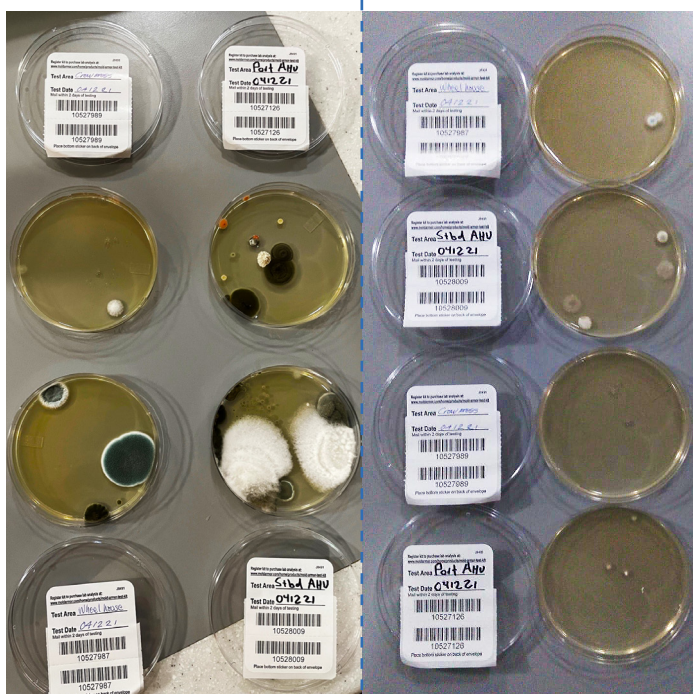


Dynamically Protecting our Customers

Ethylene & Bacteria Mitigation: Fruit & Vegetable Distribution Center

Problem: A well-established, wholesale fruit and vegetable distributor had significant time-sensitivity issues when dealing with produce ripening ethylene gas.

Pyure Solution & Outcome: Using Pyure's variable optic controls, the client can now decrease or increase the ripening process based on their storage cycle, reducing spoilage and increasing shelf-life. Furthermore, Pyure's destruction of bacteria and microbes improves facility sanitization and pest control.



**Before
Pyure**

**After
Pyure**

Mold Remediation: HVAC System in Ship

Problem: Heating and Cooling Systems can blow airborne pollutants without any of us seeing what's in the air we're breathing. It's especially harmful when moisture is added to the air, allowing mold to grow in places we can't see. In this example, a large ship was infected with multiple mold species keeping the crew from living on board while in port.

Pyure Solution & Outcome: A test was designed to prove Pyure's efficacy. Mold test kits were placed in four locations for four days without Pyure treatment and then a new set of test kits were placed in the same locations for seven days with Pyure treatment.

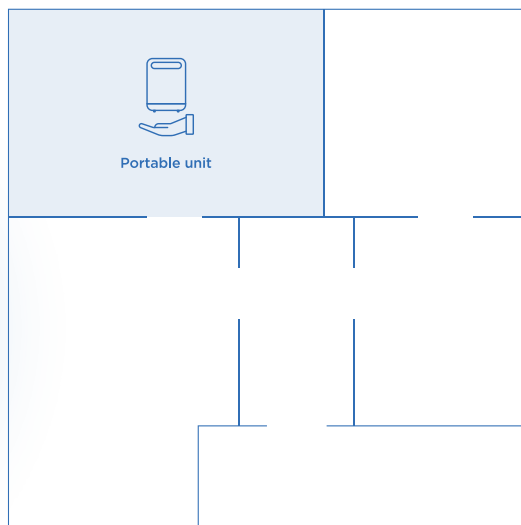
The result was an overwhelming difference in mold growth. The vessel is now cleaner, and the air and surfaces are safe for crew and passengers.

Solutions for a Single Space or an Entire Campus

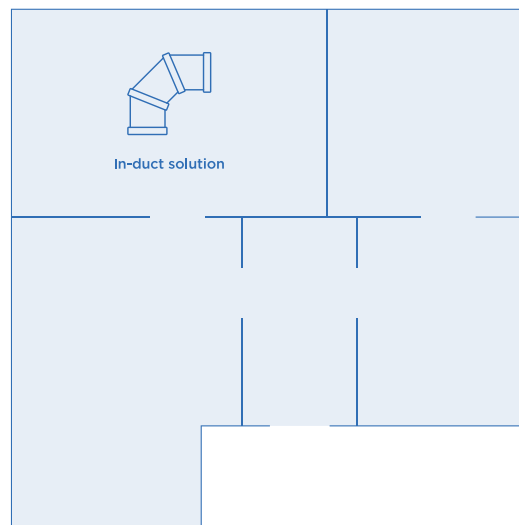
From portable units that protect a specific area to installed units that cover a complete facility, Pyure Dynamic Protection® is scalable to meet any need.

For Small ...

Portable units are ideal for treating smaller spaces and spaces without ductwork, such as meeting rooms or individual classrooms. Use wall-mounted and in-duct units for medium-sized spaces.



From single rooms to whole buildings

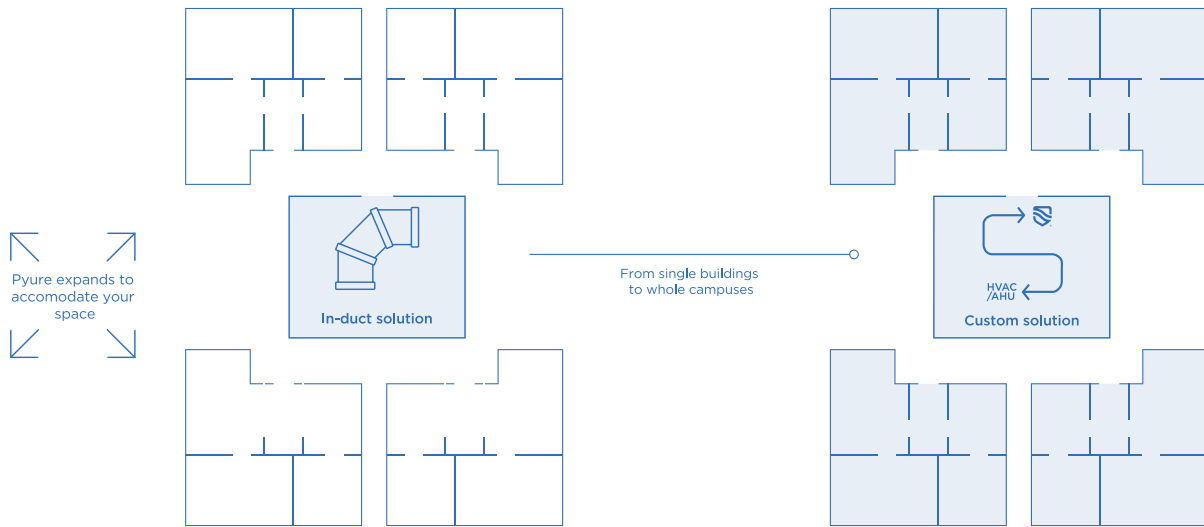


The new line of portable purifiers.
A solution for simple, easy-to-use, and attractive air & surface purification.



... To Large

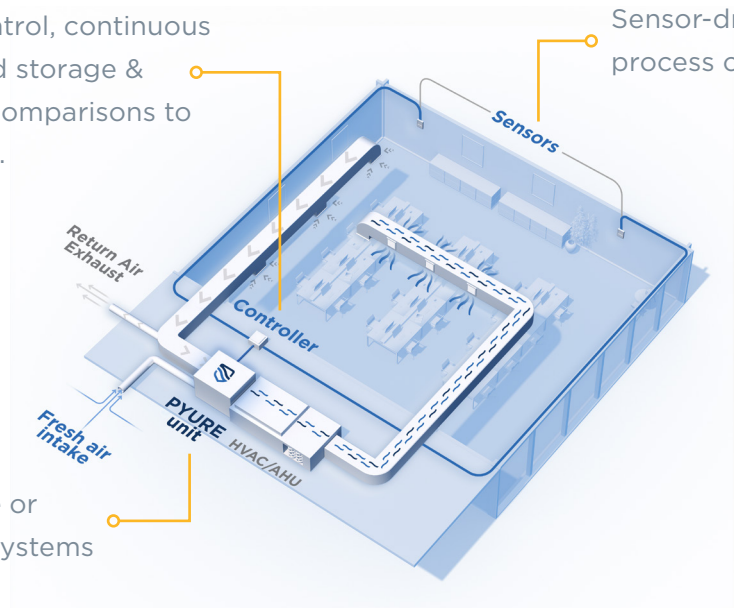
Through the complete integration of purification units, sensors and controls with the HVAC and air-handling systems, Pyure Dynamic Protection® can protect even the largest enterprise.



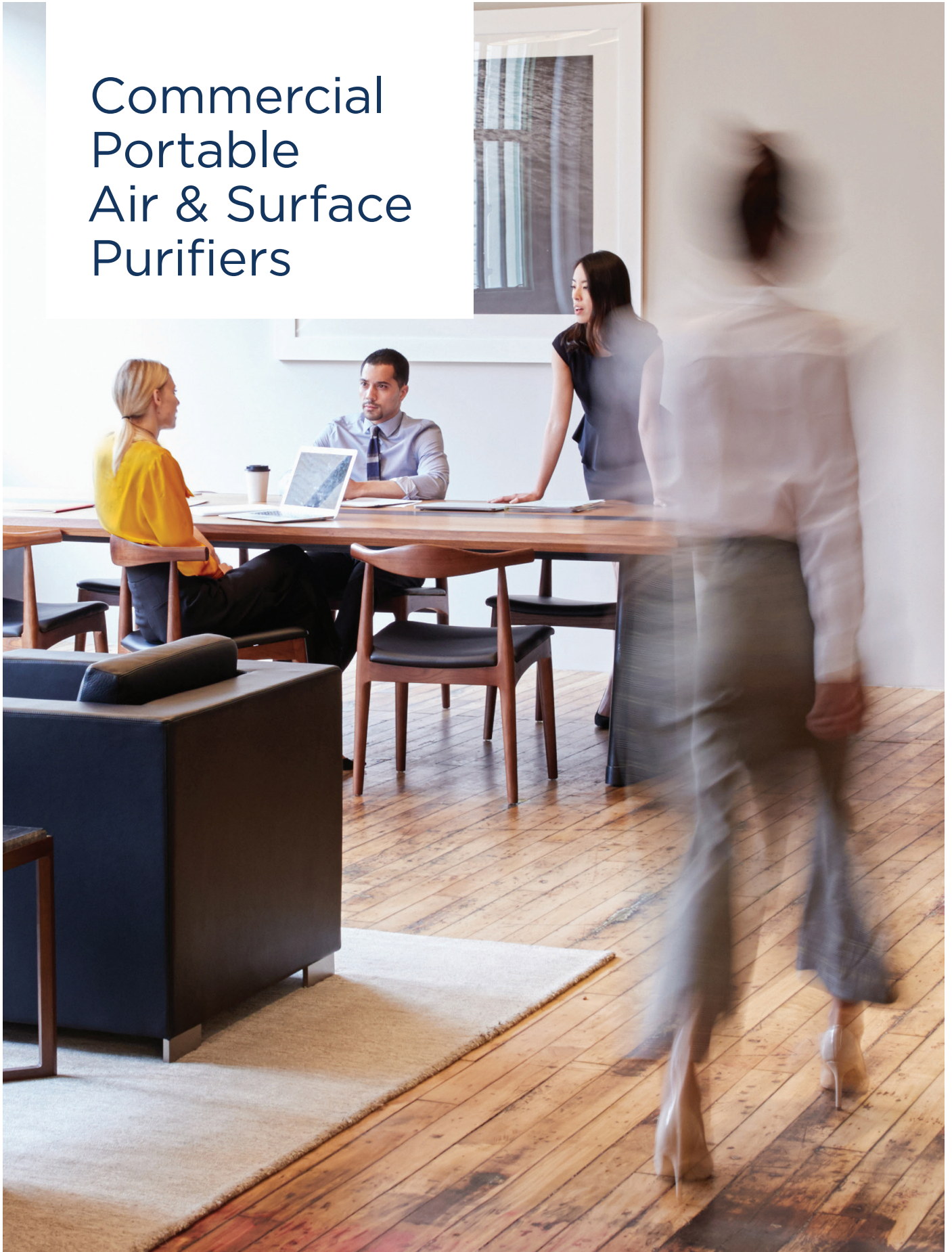
Remote monitoring and control, continuous data collection and archived storage & record-keeping. Real-time comparisons to outdoor air and data trends.

Sensor-driven interactive process controls

Integrating into single or multiple HVAC/AHU systems



Commercial Portable Air & Surface Purifiers



Testimonial

“The true value is that it does what it says it does – it kills the COVID-19 virus; (and) thoroughly disinfects... surfaces; ...(reduces) VOCs and other irritants from the air; and much more. We will do anything we can to create a healthier (safer), more comfortable learning environment in our schools.”

- Steve Morlino,
Former Executive Director of
Facilities Management



Newark
Board of Education



Commercial portables are ideal for offices, schools, senior living, conference and waiting rooms and retail lessees where ductwork is unavailable.



As Quiet as a Hum

The Pyure Mini™ purifier is quieter than the hum of a household refrigerator.

Pyure Mini™ 25/50 Air & Surface Purifier

The Pyure Mini™ air & surface purifier is designed for small spaces where a quiet and modern portable unit is sought. It is ideal for offices and classrooms, conference and waiting rooms, and other commercial applications that are seeking to sanitize and deodorize small indoor spaces.

Treatment range: 80-500 sq ft (8-46 sq m).*

Operating Guidelines	Pyure Mini™ 25	Pyure Mini™ 50
Treatment Range (ft ²)	80 - 250	250 - 500
Treatment Range (m ²)	8 - 23	23 - 46

Specifications

Dimensions (LxWxD)	12" x 14.4" x 4" (304.8mm x 365.76mm x 101.6mm)
Weight	9lbs (4.08kg)
Voltage	120V @ 60Hz/230V @ 50Hz
Power	100 Watts (Max)
Number of Optics	1
Noise Level	39 to 48dBA
Airflow**	16 CFM
Filter	Washable 10.5" x 2.75" x 0.25" (266.7mm x 69.85mm 6.36mm)
Shipping Dimensions	16" x 18.4" x 7.75" (406.4mm x 467.36mm x 196.85mm)
Shipping Weight	12lbs (5.44kg)
Certification	EN/UL/CSA 60335, CE, RoHS, REACH
Warranty	2 years covering defects in workmanship or materials, but excluding spare parts and consumables

Product Numbers

0819355021680	Pyure Mini™ 25 Air Purifier 120V
0819355021697	Pyure Mini™ 25 Air Purifier 230V
0819355021543	Pyure Mini™ 50 Air Purifier 120V
0819355021659	Pyure Mini™ 50 Air Purifier 230V

Replacement Parts

0819355021147	Pyure Mini™ 25 UV Optic
0819355021154	Pyure Mini™ 50 UV Optic
0819355022007	Pyure Mini™ 25/50 Filter

*Based on typical operating conditions: 3 air changes per hour, 90% recirculated air, and 9-foot (2.7-m) ceiling.
**Airflows were measured with new/clean units



Pyure Flex™ Air & Surface Purifier (Available 2022)

The Pyure Flex™ device is designed for spaces where a portable or wall mounted unit is sought. It is ideal for offices and schools, senior living, large conference rooms and other commercial applications that are seeking to sanitize and deodorize indoor spaces.

Treatment range: 400-1,000 sq ft (37-92 sq m).**

Specifications

Dimensions (LxWxD)	25.25" x 18" x 9" w/ base (641.35mm x 457.2mm x 228.6mm)* 24.75" x 18" x 5" w/o base (628.65mm x 457.2mm x 127mm)*
Weight	20lbs (9.07kg)*
Voltage	120V @ 60Hz / 230V @ 50Hz
Power	170 Watts (Max)
Number of Optics	1
Noise Level	46 to 65dBA*
Filter	Washable 15" x 4.25" x 1" (381mm x 107.95mm x 25.4mm)*
Shipping Dimensions	28.75" x 22" x 8.75" (533mm x 229mm x 737mm)*
Shipping Weight	24lbs (10.88kg)*
Certification	EN/UL/CSA 60335, CE, RoHS, REACH*
Warranty	2 years covering defects in workmanship or materials, but excluding spare parts and consumables

* Measurements are contingent on the final product design and subject to change upon product release.

**Based on typical operating conditions: 3 air changes per hour, 90% recirculated air, and 9-foot (2.7-m) ceiling.



Pyure Profile™ Air & Surface Purifier (Available 2022)

Designed for professional commercial environments. Blends into any ceiling by replacing a standard 2' x 2' ceiling tile or mounted with an enclosed box.

Treatment range: 400-1,200 sq ft (37-111 sq m).**

Specifications

Dimensions (LxWxD)	24" x 24" x 24" (609.6mm X 609.6mm x 609.6mm)*
Weight	20lbs (9.07kg)*
Voltage	120V @ 60Hz
Power	170 Watts (Max)
Number of Optics	1
Noise Level	45 to 61dBA*
Filter	Washable 15" x 4.25" x 1"
Shipping Dimensions	28.75" x 22" x 8.75" (533mm x 229mm x 737mm)*
Shipping Weight	24lbs (10.88kg)*
Certification	EN/UL/CSA 60335, CE, RoHS, REACH*
Warranty	2 years covering defects in workmanship or materials, but excluding spare parts and consumables

* Measurements are contingent on the final product design and subject to change upon product release.

**Based on typical operating conditions: 3 air changes per hour, 90% recirculated air, and 9-foot (2.7-m) ceiling.

MDU/Rx™ Class II Medical Device



Registered with the FDA and indicated for the reduction of airborne pathogens, including bacteria, the MS-2 virus, the Phi-X174 virus and the SARS-CoV-2 virus. Can be used in hospitals, patient rooms, waiting areas, senior living facilities, physician and dental clinics and other spaces that require an FDA-registered device.

Treatment range: 130–500 sq ft (12–46 sq m).*

FDA EC
DoC



Specifications

Dimensions (LxWxD)	18.25" x 12.1" x 25.3"(464mm x 308mm x 641mm)
Weight	39 lbs (17.7kg)
Voltage	120V @ 60Hz/230V @ 50Hz
Power	230 Watts (Max)
Number of Optics	2
Noise Level	45dBA
Airflow**	124 CFM
Filter	Washable 9" x 18" x 1" (228.6mm x 457.2mm x 25.4mm)
Shipping Dimensions	22" x 15" x 29.5" (559mm x 381mm x 749mm)
Shipping Weight	43 lbs (19.5kg)
Certification	FDA Class II Medical Device - 510(k)# K133800 - (120V model) EC DoC Class 1 Medical Device #2097204, Class V9099 - (230V model). UL 507, CSA C22.2 #113, CE, RoHS, REACH
Warranty	2 years covering defects in workmanship or materials, but excluding spare parts and consumables

Product Numbers

0819355020218	MDU/Rx™ Class II Medical Device 120V
0819355021598	MDU/Rx™ 230V

Replacement Parts

0819355021147	MDU/Rx™ UV Optic
0819355021949	MDU/Rx™ Filter

*Based on typical operating conditions: 3 air changes per hour, 90% recirculated air, and 9-foot (2.7 m) ceiling.
**Airflows were measured with new/clean units

Industrial Portable Air & Surface Purifiers

Featuring a rugged design, these purifiers are built for environments requiring high durability, such as remediation sites, industrial processes and spaces where high contact may occur.



Pyure Slimline™ Air & Surface Purifier



The Slimline™ hydroxyl unit is designed for smaller spaces where a portable or wall-mounted unit is sought. It is ideal for schools, public spaces, and commercial or industrial locations where a durable exterior designed for high traffic is beneficial.

Treatment range: 215–900 sq ft (20–84 sq m).*

Specifications

Dimensions (LxWxD)	18" x 5.2" x 25" (457mm x 133mm x 635mm)
Weight	17.6 lbs (7.9 kg)
Voltage	120V @ 60Hz/230V @ 50Hz
Power	170 Watts (Max)
Number of Optics	1
Noise Level	52 - 70dBA
Airflow**	180 CFM
Filter	Washable filter 5.0" x 12.5" x 0.25" (127mm x 317.5mm x 6.4mm)
Shipping Dimensions	21" x 9" x 29" (533mm x 229mm x 737mm)
Shipping Weight	21.6 lbs (9.8 kg)
Certification	UL 507, CSA C22.2 #113, CE, RoHS, REACH
Warranty	2 years covering defects in workmanship or materials, but excluding spare parts and consumables

Product Numbers

0819355020294	Slimline™ Air Purifier 110V
0819355021024	Slimline™ Air Purifier 230V

Replacement Parts

0819355021154	Slimline™ UV Optic
0819355021963	Slimline™ Filter

*Based on typical operating conditions: 3 air changes per hour, 90% recirculated air, and 9-foot (2.7-m) ceiling.

**Airflows were measured with new/clean units



Pyure Boss™ Hydroxyl Generating Air & Surface Purifier

Designed for larger environments and ideal for industrial applications including restoration and remediation following fire or water damage. Can also be used in high traffic areas in offices, retail, senior living and school spaces where frequent movement or contact is probable.

Treatment range: 1,500–2,500 sq ft (139–232 sq m).*

Specifications

Dimensions (LxWxD)	18.25" x 12.1" x 25.3" (464mm x 308mm x 641mm)
Weight	39lbs (17.7kg)
Voltage	120V @ 60Hz/230V @ 50Hz
Power	30 Watts (Max)
Number of Optics	2
Noise Level	68.2dBA to 71.7dBA
Airflow**	180 CFM
Filter	Washable 9" x 18" x 1" (228.6mm x 457.22mm x 25.4mm)
Shipping Dimensions	22" x 15" x 29.5" (559mm 381mm x 749mm)
Shipping Weight	44 lbs (20kg)
Certification	UL 507, CSA c22.2 #113, CE, RoHS, REACH
Warranty	2 years covering defects in workmanship or materials, but excluding spare parts and consumables

Product Numbers

0819355020003	Boss™ Hydroxyl Generating Air Purifier 120V
0819355020461	Boss™ Hydroxyl Generating Air Purifier 230V, Chile/Italy Power Cord
0819355020454	Boss™ Hydroxyl Generating Air Purifier 230V, European Power Cord

Replacement Parts

0819355021130	Boss™ UV Optic
0819355021949	Boss™ Filter

*Based on typical operating conditions: 3 air changes per hour, 90% recirculated air, and 9-foot (2.7 m) ceiling.
**Airflows were measured with new/clean units

Pyure Boss XL3™ Hydroxyl Generating Air & Surface Purifier



Designed for larger areas that require strong hydroxyl output, such as open commercial spaces and large surfaces affected by fire and smoke, flood, nicotine, grey/black water, decomposition, mold, sewage and chemical spills or off-gassing. Must be used with an existing air mover (not included).

Treatment range: 1,700–3,250 sq ft (158–302 sq m).*



Specifications

Dimensions (LxWxD)	11.12" x 20.25" x 20.25" (283mm x 514mm x 514mm)
Weight	25 lbs (11.4kg)
Voltage	120V @ 60Hz, 230V @ 50Hz
Power	195 Watts (Max) without blower
Number of Optics	3
Shipping Dimensions	22" x 15" x 29.5" (559mm x 381mm x 749mm)
Shipping Weight	30 lbs (13.6kg)
Certification	UL 153, CSA C22.2 #250, CE, RoHS, REACH
Warranty	2 years covering defects in workmanship or materials, but excluding spare parts and consumables

Product Numbers

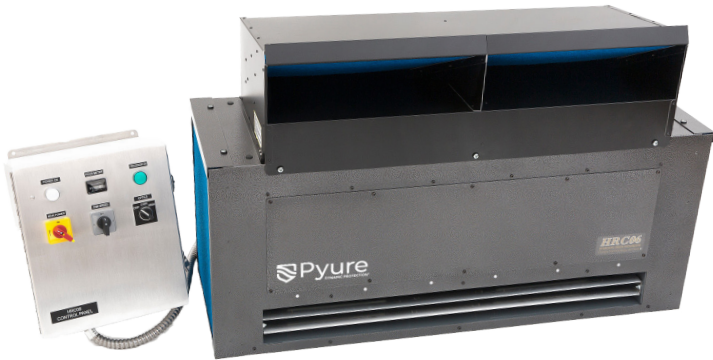
0819355020188	Boss XL3™ Hydroxyl Generating Air Purifier 120V
0819355020454	Boss XL3™ Hydroxyl Generating Air Purifier 230V, European Power Cord
0819355020461	Boss XL3™ Hydroxyl Generating Air Purifier 230V, Chile/Italy Power Cord

Replacement Parts

0819355021130	Boss XL3™ UV Optic
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*Based on typical operating conditions: 3 air changes per hour, 90% recirculated air, and 9-foot (2.7 m) ceiling.

Pyure HRC06™ Hydroxyl Generating Air Curtain



The HRC06™ air curtain is designed for large treatment areas and can modulate hydroxyl output to sanitize and deodorize. This wall-mounted unit can be used in gymnasiums, large commercial spaces, warehouses and industrial applications.

Treatment range: 3,400–6,500 sq ft (316–604 sq m).*

Specifications

Dimensions (LxWxD)	45" x 31" x 29" (1143mm x 787 x 737mm)
Weight	141 lbs (63.95kg)
Voltage	120V @ 60Hz, 230V @ 50Hz
Power	1,200 Watts (Max)
Number of Optics	6
Fan Rating	Max. 1,500 ft./m (2,548 m./h)
Noise Level	60dBA @ 10 feet (3m) from the unit
Airflow**	1512 CFM, 4000FPM (max) with 36" nozzle
Filter	2 washable filters 17.75" x 12" X 1"; 2 washable filters 17.75" x 14.75" X 1"
Shipping Dimensions	55" x 23" x 35" (1397mm x 584mm x 889mm)
Shipping Weight	280 lbs (127kg)
Certification	Contact Pyure for specific certification requirements
Warranty	2 years covering defects in workmanship or materials, but excluding spare parts and consumables
Installation	Requires electrician (hard-wired to meet local electrical code)

Product Numbers

0819355020195	HRC06™ Air Curtain Hydroxyl Generator 120V
0819355020478	HRC06™ Air Curtain Hydroxyl Generator 230V

Replacement Parts

0819355021130	HRC06™ UV Optic
0819355022021	HRC06™ Top Filter Set
0819355022014	HRC06™ Side Filter Set

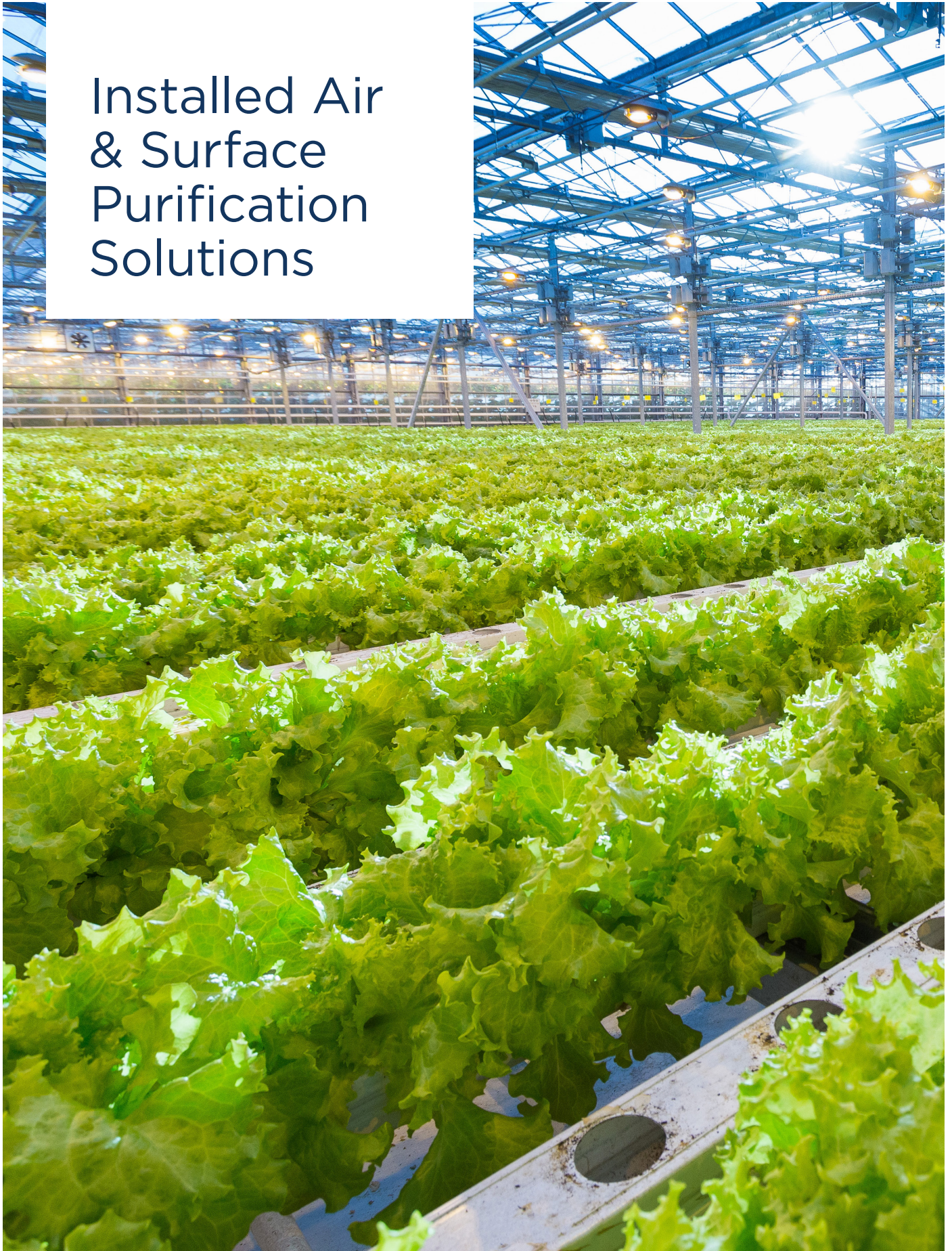
*Based on typical operating conditions: 3 air changes per hour, 90% recirculated air, and 9-foot (2.7 m) ceiling.
**Airflows were measured with new/clean units

Meet the Mini™

With a modern design to blend into the background, providing protection that matches any aesthetic, the new Mini™ 25 and 50 are built with Pyure proprietary UV technology that generates hydroxyls.



Installed Air & Surface Purification Solutions



See and Control What's in your Air

Pyure Dynamic Protection® integrates Industrial Internet of Things (IoT) and knowledge capture solutions from Rockwell's FactoryTalk Innovation Suite, powered by PTC.

- Collect, aggregate, and securely access industrial operations data with a single solution
- View real-time data on the indoor environment
- Compare to outdoor air quality while integrating data trends to optimize the system's performance

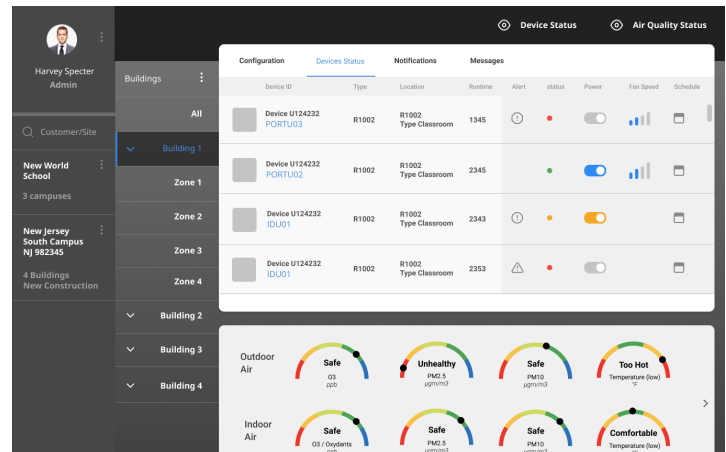
Pyure systems feature sensor-driven, interactive process controls and continuous data logging.

- Scalable to any size
- Offer significant economies of scale when treating large surface areas
- Can be integrated into a single or multiple HVAC/air handling systems, depending on building layout and configuration

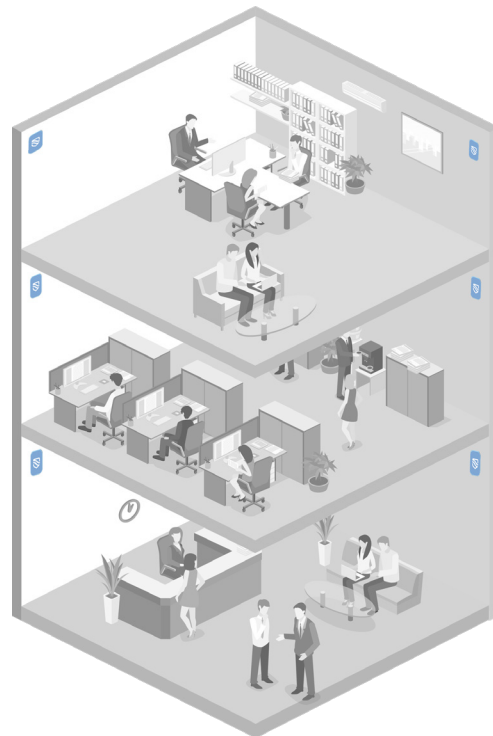
Each custom solution consists of three components completely scalable to meet your needs:

- Hydroxyl generating air purifiers
- Controllers that monitor and adjust the intensity of hydroxyl production
- Fail-safe sensors that measure system performance in the treated spaces

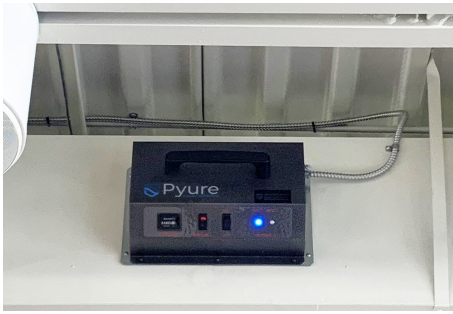
Using data that is continuously collected, Pyure's proprietary software and control logic ensure that the system is performing optimally and safely.



Sample Pyure Dashboard



For larger commercial areas or entire buildings, Pyure offers custom-designed installed air purification solutions that integrate with existing HVAC and air handling systems.



CASE STUDY

Problem: A private school in a northern climate sought a solution to protect staff and students during the COVID-19 pandemic. The leadership team evaluated upgrading their ventilation and filtration systems and Pyure Dynamic Protection®.

Pyure Solution & Outcome:

The cost of upgrading multiple HVAC systems and incremental energy consumption were significantly higher than outfitting the existing system with Pyure IDU™ devices. The Pyure solution provided proven efficacy in reducing SARS-CoV-2 in the air and on surfaces while offering significant energy savings. Leadership also valued the multi-application benefits of Pyure: the destruction of bacteria, mold, VOCs and odor.



Pyure Induct Unit (IDU™) Air & Surface Purifier Series

The IDU series can be used in medical, senior living, office, retail and other commercial, scholastic or hospitality use. It is equipped with two hydroxyl generating optics, and designed for continuous operation.

The IDU series comes in three models, depending on the volume of the treatment space. The table below summarizes the treatment area range for each model. These guidelines should be adhered to for optimal performance and safety.

IDU™ Model	Part Number	Treatment Range
IDU**	8019355020300	300 ft² – 1,000 ft² (28 m² – 93 m²)
IDS**	8019355020324	1,000 ft² – 2,000 ft² (93 m² – 185 m²)
IDB	8019355020331	1,700 ft² – 3,000 ft² (158 m² – 279 m²)

Specifications

Dimensions (LxWxD)	14.5" x 9.63" x 14.35" (368mm x 245mm x 365mm)
Min. Duct Size	36" x 10" x 8" [914.4mm x 254mm x 203.2mm]
Weight	13.47 lbs (6.11 kg)
Voltage	100 – 240V 50/60Hz
Power	96 Watts
Meter	Hour Meter
Number of Optics	2
Shipping Dimensions	16" x 16" x 16" (407mm x 407mm x 407mm)
Shipping Weight	17.5 lbs (7.94 kg)
Certifications	EC DoC Class 1 Medical Device #2096422 Class V9099, UL 1598, CSA C22.2 #250, CE, RoHS, REACH, CARB**
Warranty	2 years covering defects in workmanship or materials, but excluding spare parts and consumables

Product Numbers

0819355020300	IDU Air Purifier 100V
0819355020324	IDS Air Purifier 100V
0819355020331	IDB Air Purifier 100V

Replacement Parts

0819355021147	'M' UV Optic
0819355021154	'O' UV Optic
0819355021130	'B' UV Optic

*Based on typical operating conditions: 3 air changes per hour, 90% recirculated air, and 9-foot (2.7-m) ceiling.
 **IDU and IDS are California Resources Board certified by executive order G-22-121 under the brand name Odorox®



Pyure IDI™ Hydroxyl Generating Air & Surface Purification System

The IDI™ is a versatile purification system that fits into the ductwork of any air handling system—treating 4,500 sq ft (418 sq m) with multiple UV optic configurations designed to treat the applications of concern. Multiple IDIs can be used to scale up to meet the size of the treatment space. The system is sensor-driven with interactive process controls and is IoT available through a communication gateway.

Treatment range: Max 4,500 sq ft (418 sq m).*

Specifications

Dimensions (LxWxD)	14" x 13.75" x 10.5" (355.6mm x 349.25mm x 266.7mm)
Weight	18 lbs (8.16kg)
Voltage	100-240V @50/60Hz
Power	126 Watts
Number of Optics	3
Optic Configuration	Multiple
Noise Level	n/a
Filter	n/a
Shipping Dimensions	16" x 16" x 16" (406.4mm x 406.4mm x 406.4mm)
Shipping Weight	22 lbs (9.97kg)
Certification	UL 1598, CSA C22.2 #250, CE, RoHS, REACH
Warranty	2 years covering defects in workmanship or materials, but excluding spare parts and consumables
Controller Options	120Vac Control Panel, 230Vac Control Panel, remote possible
Sensors	Will support up to 2x 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

Product Numbers

Air Purifier

0819355021215	IDIO3™ Induct 'BBB' Hydroxyl Generator
0819355021260	IDIO3™ Induct 'OOO' Hydroxyl Generator
0819355021277	IDIO3™ Induct 'FFF' Hydroxyl Generator

Controller

0819355021291	MVP™ Six Unit IDx™ 120V Controller
0819355021307	MVP™ Six Unit IDx™ 230V Controller

Sensor

0819355021314	MVP™ Remote 'DR' Sensor
0819355021475	MVP™ Remote '2B' Sensor

Replacement Parts

0819355021130	IDI™ UV Optic B
0819355021154	IDI™ UV Optic O
0819355021284	IDI™ UV Optic F

*Based on typical operating conditions: 3 air changes per hour, 90% recirculated air, and 9-foot (2.7 m) ceiling.



Pyure MVP14™ Hydroxyl Generating Air & Surface Purification System

The MVP14™ is ideal for integration into an existing HVAC system where space is limited and features greater hydroxyl generating capability than the IDI™ treating up to 75,000 sq ft (6,967 sq m) with a single system. The UV optic configuration is customized to produce the hydroxyl generation required to treat the applications. The MVP14 is designed to meet the NEMA 12 rating, is sensor-driven with interactive process controls, and is IoT available through a communication gateway.

Treatment range: Max 75,000 sq ft (6,967.7 sq m).*

Specifications

Dimensions (LxWxD)	48 x 36" x 19" (1219.2mm x 914.4mm x 482.6mm) (with optional motor and filter package)
Weight	140 lbs (63.5kg)
Voltage	120V @60Hz or 230V @50/60Hz
Power	1,550 Watts (with optional motor package)
Number of Optics	14
Optic Configuration	Multiple
Noise Level	77 dBA (@ 5ft.) (high speed)
Fan Rating	700-1400 CFM (with standard fan option)
Shipping Dimensions	51" x 44" x 46" (1295.4mm x 1117.6mm x 1168.4mm) (average crate size)
Shipping Weight	430 lb (195.04kg) (average with accessories)
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	5 Control panel options, remote possible
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

Product Numbers

Air Purifier

0819355021345	MVP14™ Hydroxyl Generator 120V Unit w/AC
0819355021352	MVP14™ Hydroxyl Generator 230V Unit w/AC

Controller

0819355021376	MVP14™ Two Unit 120V Controller
0819355021437	MVP14™ Five Unit 120V Controller
0819355021406	MVP14™ Two Unit 230V Controller
0819355021451	MVP14™ Five Unit 230V Controller

Sensor

0819355021314	MVP™ Remote 'DR' Sensor
0819355021475	MVP™ Remote '2B' Sensor

Replacement Parts

0819355021321	MVP14™ UV Optic F - straight
0819355021338	MVP14™ UV Optic G - straight
0819355021970	MVP14™ Filter

*Based on typical operating conditions: 3 air changes per hour, 90% recirculated air, and 9-foot (2.7 m) ceiling.
**Covers defects in workmanship or materials, but excludes spare parts and consumables.



Pyure MVP24™ Hydroxyl Generating Air & Surface 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 interactive process controls ensure the levels are modulated to meet real-time requirements. The system is IoT available through a communication gateway.

Treatment range: Max 200,000 sq ft (18,580 sq m).*



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	2,400 Watts
Number of Optics	24
Optic Configuration	Multiple
Noise Level	72 dBA (@ 5ft.) max
Fan Rating	Fan Rating: 1,000-1,750 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

Product Numbers

Air Purifier

0819355021635	MVP24™ Hydroxyl Generator System [MVP2400]
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Controller

N/A	Self-contained
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Sensor

0819355021314	MVP™ Remote 'DR' Sensor [MVPXX47]
0819355021475	MVP™ Remote '2B' Sensor

Replacement Parts

0819355021321	MVP24™ UV Optic F - straight
0819355021338	MVP24™ UV Optic G - straight
0819355021994	MVP24™ Filter

*Based on typical operating conditions: 3 air changes per hour, 90% recirculated air, and 9-foot (2.7 m) ceiling.



Pyure MVP48™ Hydroxyl Generating Air & Surface 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.

Treatment range: Max 450,000 sq ft (41,806.4 sq m).*

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

Product Numbers

Air Purifier

0819355021611 MVP48™ Hydroxyl Generator System [MVP4831]

Controller

N/A Self-contained

Sensor

0819355021314 MVP™ Remote 'DR' Sensor [MVPXX47]

0819355021475 MVP™ Remote '2B' Sensor

Replacement Parts

0819355021321 MVP48™ UV Optic F - straight

0819355021338 MVP48™ UV Optic G - straight

0819355021987 MVP48™ Filter

*Based on typical operating conditions: 3 air changes per hour, 90% recirculated air, and 9-foot (2.7 m) ceiling.

Purifier		Treatment Range	Dimensions	Weight	Voltage & Power	# of UV Optics & Configuration	Replacement UV Optic(s)	Certifications	Controls & IoT
Portable Air & Surface Purifiers	Pyure Mini™ 25 & 50 	25 - 80 - 250 sq ft 50 - 250 - 500 sq ft	L 12" W 14.4" D 4"	9 lbs	120V @60Hz, 230V @ 50 Hz 100 Watts (Max)	1	M O	EN/UL/CSA 60335, CE, RoHS, REACH	No
	Pyure MDU/Rx™ 	130 - 500 sq ft	L 18.25" W 12.1" D 25.3"	39 lbs	120V @60Hz 230 Watts (Max)	2	M	FDA Class II Medical Device (120V model), Class I European Medical Device (230V model), UL 507, CSA C22.2 #113, CE, RoHS, REACH	No
	Pyure Slimline™ 	215 - 900 sq ft	L 18" W 5.2" D 25"	17.6 lbs	120V @60Hz, 230V @ 50 Hz 170 Watts (Max)	1	O	UL 507, CSA C22.2 #113, CE, RoHS, REACH	No
	Pyure Boss™ 	1,500 - 2,500 sq ft	L 18.25" W 12.1" D 25.3"	39 lbs	120V @60Hz, 230V @ 50 Hz 230 Watts	2	B	UL 507, CSA C22.2 #113, CE, RoHS, REACH	No
	Pyure BossXL3™ 	1,700 - 3,250 sq ft	L 11.12" W 20.25" D 20.25"	25 lbs	120V @60Hz, 230V @ 50 Hz 195 Watts	3	B	UL 153, CSA C22.2 #250, CE, RoHS, REACH	No
	Pyure HRC06™ 	3,400 - 6,600 sq ft	L 45" W 31" D 29"	141 lbs	120V @60Hz, 230V @ 50 Hz 1,200 Watts	6	B	Contact Pyure for specific certification requirements	No
Installed Air & Surface Purifiers	Pyure IDU™ Series 	IDU* - 300 - 1,000 sq ft IDS* - 1,000 - 2,000 sq ft IDB*- 1,700 - 3,000 Sq ft	L 14.5" W 9.63" D 14.35"	13.47 lbs	100-240V @50/60Hz 96 Watts	2	2 x M 2 x O 2 x B	Class I European Medical Device, UL 1598, CSA C22.2 #250, CE, RoHS, REACH, *CARB	No
	Pyure IDI™ 	Max 4,500 sq ft	L 14" W 13.75" D 10.5"	18 lbs	100-240V @50-60 Hz 126 Watts	3 Custom configuration	B, O, F Custom Configuration	UL 1598, CSA C22.2 #250, CE, RoHS, REACH	Yes
	Pyure MVP14™ 	Max 75,000 sq ft	L 48" W 36" D 19"	140 lbs	120V@60H-230V@50Hz 1,550 Watts	14 Custom Configuration	F, G Custom Configuration	CE, RoHS, REACH (Contact Pyure for specific certification requirements)	Yes
	Pyure MVP24™ 	Max 200,000 sq ft	L 73" W 31" D 38"	525 lbs	208-240V @50/60 Hz 2,400 Watts	24 Custom Configuration	F, G Custom Configuration	CE, RoHS, REACH (Contact Pyure for specific certification requirements)	Yes
	Pyure MVP48™ 	Max 450,000 sq ft	L 73" W 31" D 38"	673 lbs	120-208V @50/60 Hz 4,100 Watts	48 Custom Configuration	F, G Custom Configuration	CE, RoHS, REACH (Contact Pyure for specific certification requirements)	Yes



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sales@pyure.com
1.877.735.3701
pyure.com



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