# Pyure Dynamic Protection®

For air & surfaces







# Turn your indoor air — into a space purifying powerhouse.

Today, indoor air quality (IAQ) is more important than ever. Not only to protect people's health, but also to create environments where everyone and every business can thrive. From reducing absences and increasing productivity to lowering energy usage and supporting your environmental, social and corporate governance goals, clean indoor air plays a vital role.

At Pyure, we have smarter ways to clean air and surfaces with precision and at scale. Our adaptive dynamic protection actively treats indoor air and surfaces to eliminate harmful pollutants, pathogens, and unwanted odors, helping protect people and your business' bottom line.



Seamless integration.

Add into air handling systems and reduce the need for extra ventilation and filtration — for new construction or retrofits.



### Protect your workforce — and your bottom line.

Helps create safe spaces that protect everyone inside, treating the entire area and reducing the risk of infection transmission, benefiting people and profits.



Take care of what you can't see, for benefits you can't ignore.

By reducing unwanted odors, pathogens, and pollutants, we help create more welcoming spaces where people are happy to spend time.



Purify the largest spaces. Without large-scale investment.

Efficiently treat every square foot of your building with engineered performance optimized for a visible return on investment.



# Proven to make shared environments safer.

Pyure Dynamic Protection® provides 24/7 protection against everything from the most common pathogens to unpleasant odors and harmful pollutants.

#### What Pyure takes care of:



#### Purifies the air

Pathogens and chemical pollutants are neutralized at the cellular level directly in the treatment area.



#### Cleans surfaces

Kills surface-bound bacteria, viruses, yeast and mold without harming materials.



#### **Eliminates odors**

Smoke, chemical and mildew odors are eliminated leaving air fresh.



#### **Energy efficient**

Ventilation with outdoor air is minimized due to improved air quality, resulting in less energy consumption and reduced system wear.

#### **Protecting People:**

+ Healthcare RSV, flu, covid-19, C. diff, MRSA, pneumonia

+ Commercial Office Flu, covid-19, chemical off-gassing, bacteria

**+ Hospitality** Cigarette smoke, flu, mold, bacteria

+ Senior Living RSV, flu, C. diff, MRSA, covid-19, odor, bacteria

**+ Education & Dorms** Flu, covid-19, odor, mold, bacteria, allergens

#### **Protecting Businesses:**

+ Industrial Process VOC, odor, mold, bacteria

+ Food Processing Listeria, E. coli, salmonella, fungus, mold, ethylene

**+ Wastewater Treatment** Hydrogen sulfide, corrosion, ammonia, mercaptans

+ Restoration & Remediation Smoke, nicotine, mold, mildew & biological odor



#### Air efficacy

Within 20 minutes, reduces pathogens in the air by over:



#### Surface efficacy

Within 80 minutes, reduces pathogens on surfaces by over:



#### Room transmission

Demonstrated to help reduce the risk of viral spread by:

**73**%\*



# Scalable solutions for every space.

Our products can scale and adapt to suit any kind of building. We can provide solutions to support multiple industries with different problems to solve. From classrooms to industrial waste, here are some outcomes we've delivered for our customers across a range of sectors.



### Automotive, Oil & Gas, Mining

After a six-month testing period, an auto manufacturer resolved VOC and odor issues related to paint and degreasers, addressing complaints from nearby residential areas and the facility.



#### **Medical & Senior Living**

We work with medical facilities to reduce air and surface pathogens, helping protect vulnerable patients from infections and keeping staff healthy.



### Industrial Waste & Wastewater

Using a Pyure system to treat unsafe levels of hydrogen sulfide at a sludge station, the gasses were completely neutralized, to ensure a healthy working environment.



### Food & Beverage Processing and Food Service

Introduced to treat bacteria buildup on packaging at a beverage producer plant; Pyure enabled a 55% reduction of production line stoppages and a 66% reduction in manual cleaning hours, vastly increasing overall productivity.



**Education & Dorms** 

Pyure provided a successful response to the pandemic, as well as odor and mold reduction across multiple school districts, to create a space where students can thrive and focus on their education.



**Casinos & Hospitality** 

Used in many hospitality venues, the use of Pyure resulted in undetectable nicotine levels, and a significant reduction in surface bacteria and airborne mold; greatly improving guest experience and employee well-being.

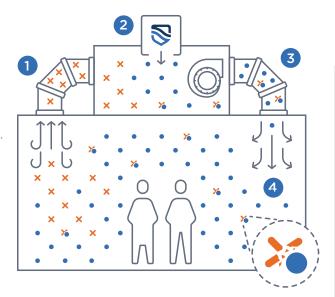


# Pyure works just like the sun.

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

#### How Pyure works:

- Contaminated air is collected and pulled through air handling system.
- 2. Pyure unit creates natural cleansers and purifications begins.
- **3.** Clean air with natural cleansers is supplied to the room.
- Supplied natural cleansers continue purifying the air and cleaning surfaces.



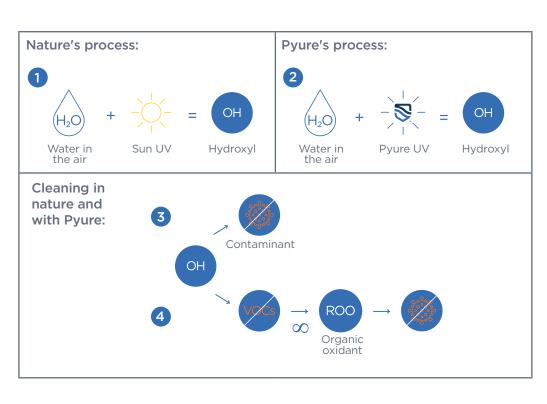
#### Safety first

Pyure produces the same concentrations of natural cleansers (hydroxyls and organic oxidants) that are present in our outdoor environment. Through rigorous testing, studies and adherence to guidelines including the CDC, FDA and OSHA, we always put safety first.

To access our scientific evidence, visit <u>pyure.com/evidence</u>

#### Mechanism of action:

- In nature, water in the air combines with the Sun's UV to produce natural cleaners called hydroxyls.
- Indoors, water in the air combines with Pyure's UV to produce natural cleaners called hydroxyls.
- **3.** Hydroxyls neutralize contaminants
- Hydroxyls also react with VOCs creating organic oxidants that continue to replicate and neutralize contaminants.





# Controlled solutions.

Designed to treat even the largest of spaces, our controlled solutions work with new and existing air-handling systems. Sensor-driven with customized controls that respond to real-time data.



#### Pyure IDI™ Purifier

A versatile solution that fits into the ductwork of any air handling system. Connect with more IDI units to increase the treatment area.

TYPE: Indoor, inline with HVAC NOMINAL TREATMENT AREA: 3,000\* sq ft



#### Pyure MVP16™ Purifier

Integrates into a new or existing air-handling system where space is limited and provides more cleansing power than induct systems

TYPE: Indoor, inline with HVAC NOMINAL TREATMENT AREA: up to 85,000\* sq ft BLOWER: optional



#### Pyure MVP24™ Purifier

A heavy-duty unit built with a reinforced shell suitable for outdoor applications.

TYPE: Rooftop, inline with HVAC NOMINAL TREATMENT AREA: up to 200,000\* sq ft BLOWER: optional



Pyure MVP48™ Purifier

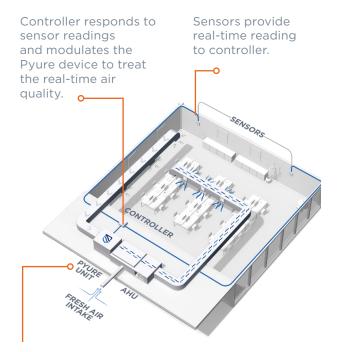
Our most powerful system, the MVP48<sup>™</sup> purifier is ideal for the largest installations.

TYPE: Indoor, inline with HVAC NOMINAL TREATMENT AREA: up to 450,000\* sq ft BLOWER: optional



#### Insight Edge™ Controllers

Controllers modulate purifiers based on feedback from the sensor system, creating an efficient method of treating pollutants in the space.



Pyure unit works with single or multiple air handling systems.



# Non-controlled solutions.

The simplest to install, our non-controlled products can be added to air ducts, wall mounted or plugged into a standard outlet. Switch them on for instant air purification and surface cleaning in small to medium size environments.



#### **▼ Pyure Mini® Purifier**

The Mini series is designed to fit in with its small proportions, modern design and low noise levels. This makes it ideal for cleaning and deodorizing air in offices, waiting rooms or any other small commercial space.

TREATMENT AREA: up to 500\* sq ft



#### **Pyure IDU™ Purifier**

The IDU purifier is a duct mounted purifier that is easy to install and requires only an electrical connection for operation.

NOMINAL TREATMENT AREA: 2,000\* sq ft (model dependant)



#### Odorox® HRCO6™ Purifier

The HRC06 purifier is wall mounted and can modulate its output to purify and deodorize commercial and industrial applications.

TREATMENT AREA: up to 6,600\* sq ft



### Odorox® Slimline™ Purifier Family

Rugged purifiers with a durable exterior beneficial for public spaces and commercial or industrial installations that require a portable unit.

#### TREATMENT AREA:

up to 900 - 1,500\* sq ft



#### Odorox® Boss™ Purifier

Designed for tough environments, the Boss purifier is suited to applications like remediation following fire or water damage. It's also ideal for areas with frequent movement and contact.

TREATMENT AREA: up to 2,500\* sq ft



#### Odorox® Boss XL3™ Purifier

By adding an external fan to provide greater air movement, the Boss XL3 purifier is ideal for spaces that have been affected by smoke, flooding, wastewater, and other air pollutants.

TREATMENT AREA: up to 3,250\* sq ft

## Let's discuss a solution tailored to your needs or plan a trial.

At Pyure, we're dedicated to finding the right solution for every customer and will provide the system design support that you need. We'll work with you to understand your individual requirements and project goals.

Get in touch to find out more about how we can help you on your way to a cleaner, more productive and energy efficient space.

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Who we work with:















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