

# PurifySpaces

Air purification system promoting employee health, powered by Bluezone® technology



## PurifySpaces, featuring Bluezone® technology, kills airborne pathogens and returns pure air into the space.

Red Thread is in partnership with Bluezone® to offer this unique air purification solution for interior environments.

- Originally developed for the U.S. military.
- Bluezone achieves a 99.9995% kill rate against aerosolized MS2, a SARS-CoV-2 surrogate virus, within 1 hour.
- Optional air quality dashboards provide visibility to real-time data.

## A CRITICAL COMPONENT OF YOUR CAMPUS RE-ENTRY STRATEGY

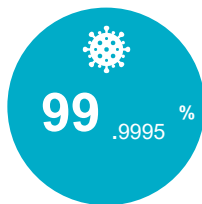
As schools begin their re-entry to the campus, they must gain the trust of students, professors, and staff and instill confidence that their learning environments are safe and protected. Managing compliance and safety will be an ongoing challenge, even with comprehensive post-COVID protocols.

- Effective air cleaning is a critical element of infection management and risk mitigation.
- Commercial germicidal UV-C air purifiers are recommended by the CDC and FDA.

## WHY PURIFYSPACES?



**No costly HEPA filters**  
that create risk of contamination  
when replaced



**99.9995% reduction**  
of MS2 (SARS-CoV-2 surrogate)  
within 1 hour



**Runs 24-7**  
unlike HVAC-based systems

## AVAILABLE MODELS



Ceiling Mount



Tower



Credenza

PurifySpaces, powered by Bluezone, can integrate into your ceiling, or a custom cabinet that blends into the decor of your space. The cabinet provides proper air flow ventilation and easy access to the technology.

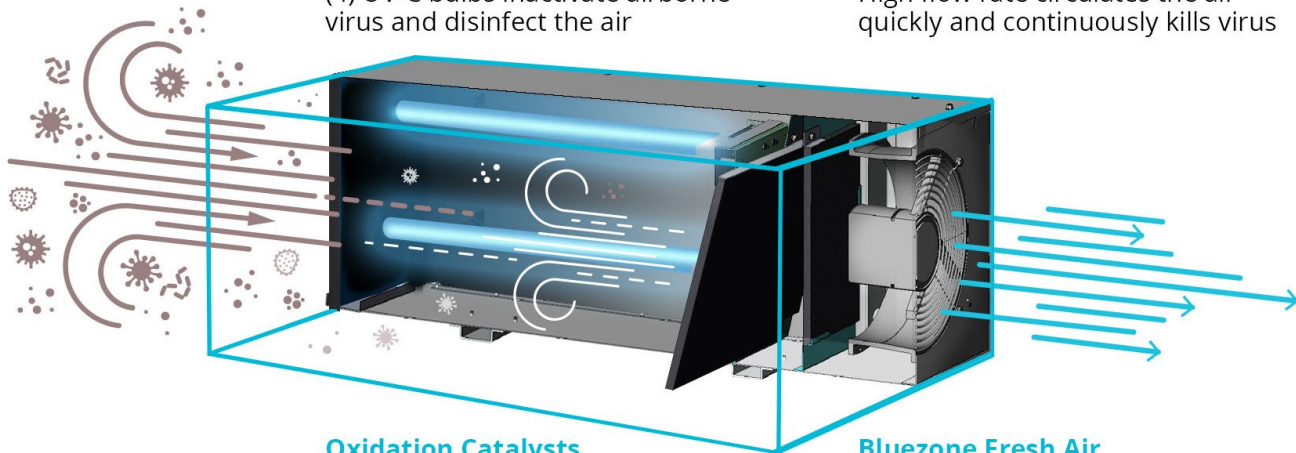
## HOW IT WORKS

### UV-C Bulbs

(4) UV-C bulbs inactivate airborne virus and disinfect the air

### High Treatment Volume

High flow rate circulates the air quickly and continuously kills virus



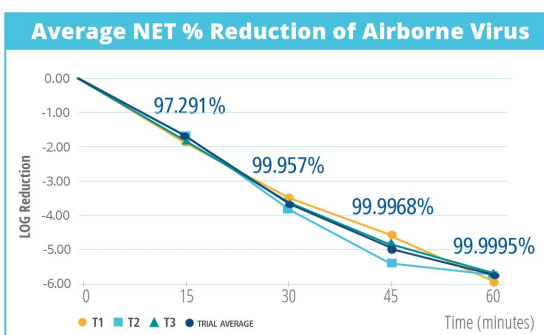
### Oxidation Catalysts

Destroys VOCs and unpleasant odors

### Bluezone Fresh Air

Purified air is returned to the space with significantly less airborne contaminants. Bluezone demonstrated a **99.9995%** reduction of virus accepted as a SARS-COV-2 surrogate

## INDEPENDENT LAB RESULTS



## CERTIFICATIONS



Bluezone has been proven to eliminate a coronavirus surrogate, MS2 bacteriophage, by **99.9995%** in a 3rd party lab test by Aerosol Research and Engineering Laboratory.

## DIMENSIONS & AIRFLOW

Air circulates through Bluezone's germicidal UV light reaction chamber and returns clean air into the environment.

- Contaminated air is drawn in through the side, or top, of the unit
- Clean air is exhausted out the opposite side, or bottom, of the unit



**Ceiling Mount** 47.75" L by 23.25" W x 15.75" H



**Credenza** 37.5" L by 22.25" W x 36" H



**Tower** 18.125" L by 18.125" W x 48" H

## CABINET STANDARD FINISHES

There are over 100 laminate surface finishes to choose from. Custom options and antimicrobial finishes are also available upon request.



White  
949



Fog  
961



Natural Maple  
756



Wild Cherry  
5904



Cocoa Oak  
9374

## DETAILS

<b>Weight</b>	Ceiling Unit – 45 lbs Tower – 121 lbs Credenza – 164 lbs
<b>Input Voltage &amp; Current</b>	120 VAC 1 Phase, 3 amps 240 VAC 1 Phase, 1.5 amps
<b>Treatment Volume</b>	9,000 cubic feet every hour
<b>Sound Level</b>	Ambient – 48 db

## WARRANTY

- One-year hardware warranty
- 90-day UV bulb warranty



## APPLICATIONS

PurifySpaces cleans 9,000 cubic feet (square feet x ceiling height) every hour. If the space is smaller than that, it cleans even more efficiently. For larger spaces, additional units are required.

### CLASSROOM & LIBRARY SPACES



#### Classroom

Spaces up to 29' x 28' x 9' ceiling  
7,308 cubic feet

● One unit needed



#### Large Classroom / Lecture Hall

Spaces up to 35' x 46' x 9' ceiling  
14,904 cubic feet

● ● Two units needed

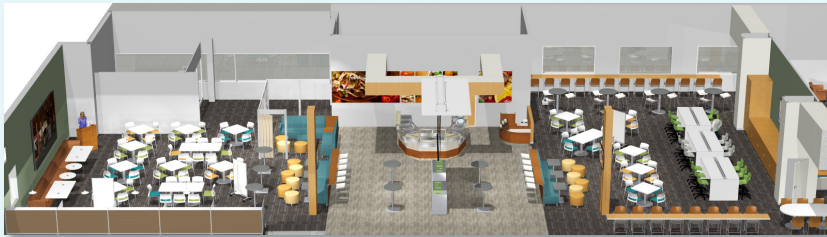


#### Library Collaboration Zone

50' x 50' x 9' ceiling  
22,500 cubic feet

● ● ● Three units needed

### SHARED SPACES



#### Commons Café

Spaces up to 60' x 110' x 9' ceiling  
59,400 cubic feet

● ● ● ● ● ● ● ● Eight units needed

### ADMIN SPACES / MEETING ROOMS



#### Faculty / Admin Office / Meeting Room

Spaces up to 28' x 28' x 9' ceiling  
7,056 cubic feet

● One unit needed

## PRICING & LEAD TIME

#### Ceiling Unit

- **\$2,875** (not including delivery, installation and service)
- \$600 optional annual service plan
- **6 week lead time**

#### Tower & Credenza

- **\$3,500** (not including delivery & service)
- \$600 optional annual service plan
- **6 week lead time**

## SERVICE PLAN - Optional

- Year-end, onsite preventative maintenance including UV bulb replacement
- Includes all labor for any service calls and loaner if repair is required
- **\$600.00**

## CONNECT WITH US

To learn more about PurifySpaces,  
[connect with our AV Team](#)