

# BREEZY BLUE RESPONSE: TOP 15 FAQ'S

## Top Intro Questions

### 1. What is Breezy Blue™ and how does it work?

- Breezy Blue™ is a smart disinfection minibot used to remove viruses, germs, bacteria and odors from rooms and workspaces, in a better, faster, safer way.
- Breezy Blue™ uses aerosolized hydrogen peroxide technology (aHP) and automation to disinfect shared rooms and spaces by fogging H2O2-based disinfectant solution at the push of a single button.

### 2. How is Breezy Blue™ different?

- **Simple and Easy to Use** – Breezy Blue™ disinfects most spaces in 1 minute or less of run-time.
- **Disinfects & Deodorizes** – Hydrogen peroxide-based solutions inactivate >99.9% of viruses, fungi and bacteria that spread disease and cause odor.
- **No Residue** – BWR solutions do not leave a residue, wet papers, or streak whiteboards, and are electronic safe.
- **Safer** – There is no PPE required during usage and hydrogen peroxide-based solutions are greener, breaking down to water vapor and oxygen.

### 3. Is Breezy Blue™ more efficient and cost-effective than spray and wipe, UV lights, and electrostatic sprayers?

**YES! For a few key reasons...**

- **Better Coverage** – aerosolized hydrogen peroxide (aHP) technology enables Breezy Blue to create an invisible cloud of disinfectant solution (particles around 20 microns) reaching all areas of the room, including commonly overlooked spaces such as underneath and behind flat surfaces, fabrics, walls and shadow areas.
- **Faster (Labor Savings)** – Most other disinfection options are laborious, not highly effective, and require an employee to physically walk through every square foot of a space to reach each surface for disinfection. Breezy Blue is operated with the single push of a button from the doorway.
- **More Efficiency (Cost Savings)** – aHP technology enables minimal chemistry usage – which is sustainable & reduces consumption costs



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- **Safer** – Most other disinfection options directly expose workers to hazardous chemicals. Breezy Blue™ keeps workers away from chemicals and uses sustainable and safer chemistries.

### 4. What is the ideal coverage size/area? And in what markets is Breezy Blue™ best?

- Breezy Blue™ smart fogger is ideal for small to medium-sized shared spaces (up-to 9,000 cubic feet) such as classrooms, conference rooms, vehicles, and residential spaces.
- See the chart below for recommended fogging times for different spaces based on cubic feet:

#### Commercial

Physical Space	Fog Time	Gallons Used During Disinfection	Disinfections per Gallon	Cost of Solution Breezy BioCare™ RTU	Cost of Solution Breezy BioPure™ RTU
<b>Ambulance</b> (1,400 ft³)	25 seconds	0.025	40	\$0.75	\$0.56
<b>Classroom</b> (5,000 ft³)	50 seconds	0.050	20	\$1.50	\$1.13
<b>Large Room</b> (9,000 ft³)	90 seconds	0.090	11	\$2.70	\$2.03

#### Residential

Physical Space	Fog Time	Gallons Used During Disinfection	Disinfections per Gallon	Cost of Solution Breezy BioPure RTU™
<b>Bathroom</b>	15 seconds	0.015	67	\$0.37
<b>Bedroom</b>	30 seconds	0.030	33	\$0.74
<b>Living Room / Open Spaces</b>	60 seconds	0.060	16	\$1.49
<b>Home</b> (3 BR, 2 Bath)	Multiple Fogs	0.24	4	\$5.94

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- While applications are broad, ideal markets are:
  - Education (K-12 & Higher Ed): classrooms, bathrooms, gyms, cafeterias, buses
  - Healthcare: patient rooms, bathrooms and ORs
  - Public Safety Vehicles: ambulances, first responder vehicles
  - Offices and conference rooms
  - Childcare and long-term care facilities
  - Commercial and Residential Cleaning Service Providers

### 5. How long do I have to wait after fogging to reoccupy the space?

- Most spaces need as little as 30 minutes before humans and pets can safely reoccupy the room.
- Breezy Blue™ is best for after-hours disinfection when occupants have left the space for the evening/night.
- **Common procedures:**
  1. Clean – Follow your standard cleaning procedures to remove garbage, soil, dirt, and debris.
  2. Prepare the Room – Ensure no humans or pets are inside the room. Position Breezy Blue™ in the doorway, with the fogger pointed towards the middle of the room.
  3. Fog – Press the button to fog the space.
  4. Contact Time – Close the door and allow the solution to have at least 10 minutes of contact time with surfaces in the space.
  5. Re-entry
    - a. Quick Re-entry – Open the door and allow a minimum of 20 minutes to ventilate any remaining solution before re-entering the room\*.
    - b. Next-Day Re-entry – When you leave the door closed overnight, Breezy Blue's hydrogen peroxide-based solution will biodegrade, ensuring a safe and healthy space for occupants to re-enter.
- \*Re-entry time intervals may vary. Many factors in a facility influence re-entry times, such as building/room design, air handlers, HVAC systems, etc. Contact Build With Robots if you would like help developing specific guidelines for your space.



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### 6. What is the cost to the end-user? Is there a low-commitment way to test Breezy Blue™ in my environment or get started?

- Build With Robots offers three options to help new customers start disinfecting better with Breezy Blue™.

	<b>\$2,995</b> Starter Kit	<b>\$8,250</b> Team Kit	<b>Quote</b> Custom Kit
<b>Breezy Blue™ Smart Fogger</b>	1	3	Multiple
<b>Breezy Smart Controller</b>	1	1	Multiple
<b>Breezy BioCare™ RTU</b>	4 gal	12 gal	As Needed
<b>Up to 5yr Warranty</b>	✓	✓	✓
<b>Live US-Based Support</b>	✓	✓	✓

- Ongoing consumable cost
  - Breezy BioCare™ RTU is \$30/gallon






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### Top Consideration & Buying Questions

#### 7. What chemistry solutions can be used with Breezy Blue™?

- Only Breezy BioCare™ RTU and Breezy BioPure™ RTU have been thoroughly tested for chemical solution compatibility and operational efficacy with Breezy Blue™. Other solutions should not be used for three reasons:
  - **Efficacy** – Efficacy claims cannot be guaranteed with other disinfectants; concentrations and applications vary.
  - **Safety** – Aerosolizing disinfectants without verified testing can be dangerous or deadly.
  - **Void the Warranty** – The use of other solutions may cause corrosion or clogging and will void the warranty of Breezy Blue™.

#### 8. What pathogens do Breezy solutions kill? Which is approved by the EPA?

	Breezy BioCare™ RTU	Breezy BioPure™ RTU
EPA Registered Disinfectant		In Progress
Composition	5.35% H2O2 and 0.12% quaternary ammonium	7% H2O2
Sustainable & Green		
Food Safe		
Best Applications	Education, Healthcare & Commercial	Residential Cleaning & Food Prep
Cost	\$30/gal	\$22.50/gal

- **Breezy BioCare™ RTU**
  - **Efficacy** – Breezy BioCare™ RTU is a broad-spectrum disinfectant that eliminates a variety of bacteria, viruses, and mold including: Staphylococcus Aureus, Pseudomonas Aeruginosa, Salmonella Enterica, E. Coli, Listeria, Trichophyton Mentagrophytes, Coronavirus, Norovirus, Rhinovirus, and H1N1.
  - **A full Summary of Efficacy for Breezy BioCare™ RTU is available on the Build With Robots website.**
  - **Composition** – Breezy BioCare™ RTU is 5.35% H2O2 and 0.12% quaternary ammonium. These two solutions offer complimentary modes of action for pathogen reduction: oxidation to attack essential cell components by the hydrogen peroxide and disruption of cell membranes by the quat.

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- **EPA Registration** – Breezy BioCare™ RTU is registered by the EPA for use in fogging applications with both Breezy Blue™ and Breezy One™. The product's Registration Number is 90748-1.
- **EPA List N & Q** – Breezy BioCare™ RTU is listed on the EPA List N & Q:
  - List N refers to products that meet the EPA's criteria for use against the virus that causes COVID-19.
  - List Q refers to products that meet the EPA's criteria for use against Emerging Viral Pathogens; emerging Tier 1, Tier 2, and Tier 3 viruses such as Monkeypox and Ebola.
- **Breezy BioPure™ RTU**
  - **Efficacy & EPA Registration** – BWR has tested the germicidal efficacy of Breezy BioPure™ when fogged with Breezy Blue and use this data for its fogging protocols. BWR is in the process of registering Breezy BioPure™ as a broad disinfectant with the EPA. Prior to receiving our EPA registration, we cannot yet make formal claims about its efficacy. Breezy BioPure™ RTU is chemically identical to other hydrogen peroxide disinfectants such as [Peroxy HDOX](#) that is registered with the EPA (#84198-1) as a disinfectant against Norovirus, Pseudomonas, Salmonella, Streptococcus, E.coli, Staphylococcus, MSRA, Feline Calicivirus, Coronavirus (List-N), and emerging viral pathogens (List-Q).
  - **Composition** – Breezy BioPure™ RTU is 7 % H2O2.

### 9. Does the chemistry, Breezy BioCare™ or BioPure™ RTU, react with floor cleaners, other chemical solutions, or leave a residue?

- No. When the Breezy foggers are used according to the recommended concentrations for disinfection, the dry fog leaves no residue, does not react with other chemical solutions (such as floor cleaners) and does not have to be wiped down afterward.

### 10. How do I know your disinfectant is reaching each place within the room to achieve effective disinfection with Breezy Blue™?

- **Microbial Culture Testing combined with Electrochemical Sensors** – Build With Robots uses a rigorous testing approach to validate the efficacy of their aerosolized hydrogen peroxide (aHP) disinfection solutions in a range of real-world settings using Microbial Culture Testing combined with Electrochemical Sensors.
- **>99.9% Efficacy** – Build With Robots provides recommended fog times for rooms based on achieving >99.9% efficacy throughout an entire space.
- [An Example of Testing Disinfection Efficacy in Real World Conditions Blog](#)

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### 11. Are there different operation modes for Breezy Blue™? Is the Breezy Smart Controller required?

- The Breezy Blue™ smart disinfecting minibot has two primary modes of operation:

Mode of Operation	What	Use Case	Examples
<b>Push-Button Mode</b> (Manually press button on the device)	One-Touch Disinfection  One shared Breezy Blue™ device used for Room-to-Room disinfection	Custodian/EVS Team places device on a cart and moves it room-to-room for disinfection.	<a href="#">Brown Supply's Success: Breezy Blue Enters North Baltimore Schools Blog</a>
<b>Schedule Mode</b> (Via Breezy Smart Controller™)	Touchless Disinfection  Dedicated Breezy Blue™ device fixed in place in a room (1:1)	Scheduled nightly autonomous disinfection with a fixed-in-place device.	<a href="#">Reduce Nurse Visits by 39%   St. Mary's Catholic School Blog</a>

- BWR requires at least one wireless Breezy Smart Controller™ per site to configure, perform software and security updates, and remotely monitor all Breezy Blue™ units at a site.

### 12. Do I need to wear any special PPE when filling or fogging?

- Breezy smart disinfection products are designed to keep users away from chemical solution exposure. **When used according to the manual, PPE is not required while fogging.**
- As with all chemical solutions, handle Breezy BioCare™ and BioPure™ RTU in accordance with good industrial hygiene, safety practices, and instructions for use. When filling, safety glasses and gloves are recommended. If you must enter a space less than 10 minutes after a fogging event, PPE is required.

### 13. What is the warranty and expected service life?

- Breezy Blue™ has a standard 1-year warranty on all new devices.
- The Breezy Blue™ expected service life is 5 years.
- Additional years of warranty may be purchased for \$250/year/Breezy Blue™ device at the time of purchase.

### 14. Does Breezy Blue™ require any regular maintenance?

- Breezy products are designed for long life cycles, durability, and minimal maintenance.
- Breezy Blue™ can be cleaned by wiping down the exterior using a soft cloth dampened with water or an aqueous solution of 70% isopropyl alcohol.
- Remove and clean the fill port screen filter using water and a soft brush.
- Occasionally check for firmware updates using the Breezy Smart Controller™.

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### **15. What is the Build With Robots support process?**

- Open a Support Ticket by calling (833) 273-3991. A live US-based support agent will return your call within 1 business day.
- Additional User Manuals and Support Documentation can be found at: <https://buildwithrobots.com/support>

