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BlueDri AS1000

BlueDri AS1000 1000 CFM Portable HEPA Air Scrubber User Manual

1. Introduction

The **BlueDri AS1000 portable air scrubber** is engineered to remove airborne particles in large indoor spaces. It effectively cleans contaminated air in environments affected by water or fire damage. This unit is suitable for maintaining indoor air quality in commercial settings such as hospitals, gymnasiums, schools, and cafeterias.

The AS1000 features a two-stage filtering system with replaceable filters. A pre-filter captures dust and dirt, while a HEPA filter removes fine particles. This combination removes 99.97% of dust, pollen, drywall dust, and other debris as small as 0.3 microns. An optional carbon filter is available for additional filtration.

Built into a rugged plastic casing, the unit includes a power indicator light and a filter change indicator light. Its powerful ¾ HP motor delivers 1,000 CFM at low amperage (6.8A), providing efficient performance for medium to large-scale projects. The AS1000 is C-ETL-US certified.



Figure 1: BlueDri AS1000 HEPA Air Scrubber, front view. This image displays the main unit in blue, featuring a robust design with a top handle, control panel, and a large air intake grill on the front. Wheels are visible for portability.

2. Safety Instructions

Always read and understand all instructions before operating the appliance. Keep the appliance away from children. Do not operate with a damaged cord or plug. Do not use in standing water. Ensure proper grounding.

WARNING:

This product can expose you to chemicals, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

3. Package Contents

Upon unpacking, ensure all items listed below are present:

- 1 x BlueDri AS1000 Air Scrubber Unit
- 1 x Pre-Filter (installed)
- 1 x HEPA Filter (installed)
- 1 x User Manual

An optional carbon filter is available separately for enhanced filtration.

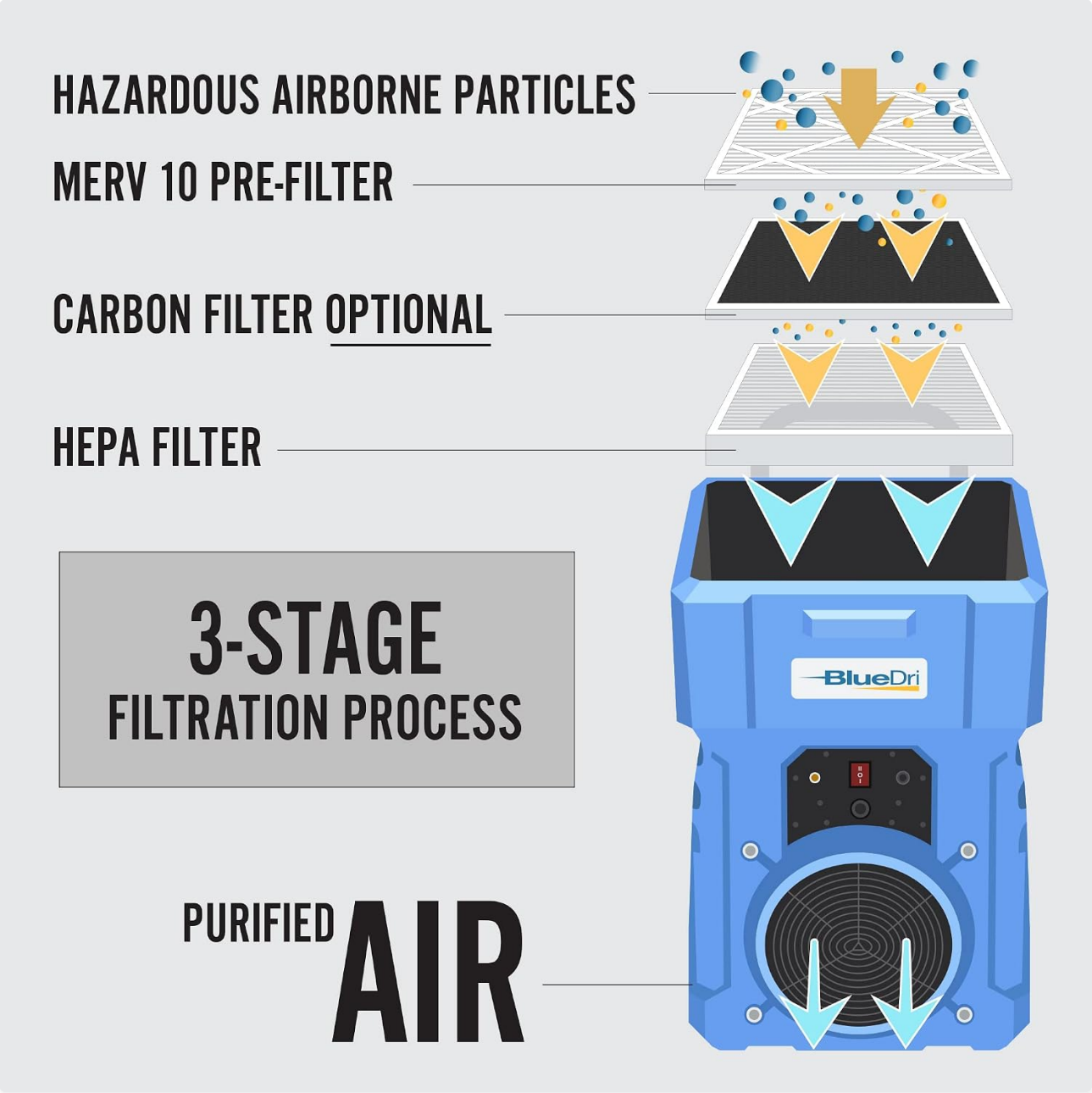


Figure 2: BlueDri AS1000 HEPA Air Scrubber filtration layers. This diagram illustrates the multi-stage filtration process, showing hazardous airborne particles entering, passing through a MERV 10 pre-filter, an optional carbon filter, and a HEPA filter, resulting

in purified air.

4. Setup

1. Place the unit on a level, stable surface. The unit is designed with feet on multiple sides for flexible positioning.
2. Ensure all filters are correctly installed and the filter covers are securely latched.
3. Plug the heavy-duty power cord into a 115V grounded AC outlet.



Figure 3: BlueDri AS1000 HEPA Air Scrubber dimensions. The unit measures 37 inches in height, 22.2 inches in depth, and 21.3 inches in width, with a weight of 81 lbs.



Figure 4: BlueDri AS1000 HEPA Air Scrubber operation steps. This image illustrates the four basic steps for operation: 1. Place unit on a level, stable surface. 2. Plug into a 115V grounded outlet. 3. Switch unit on high (II) or low (I). 4. Operate until air is cleaned or until filter change is needed.

5. Operating Instructions

5.1 Power On/Off

Use the circuit breaker switch on the control panel to turn the unit ON or OFF. The power indicator light will illuminate when the unit is active.

5.2 Speed Control

Adjust the variable speed knob to select the desired airflow. Turn the knob from MIN to MAX to increase airflow. The unit can deliver up to 1,000 CFM.

5.3 Filter Indicator

The 'Change HEPA Filter' light will illuminate red when the filters are clogged and require replacement. Refer to the Maintenance section for filter replacement instructions.

5.4 Auxiliary Outlets

The unit includes two auxiliary 115V AC outlets. These allow you to daisy-chain up to two additional BlueDri AS1000 units or other compatible devices. The maximum amperage is 12 amps when this unit is off, and 9.6 amps maximum when this unit is on.

5.5 Ducting Compatibility

The BlueDri AS1000 is compatible with optional ducting (not included) for directed airflow or negative pressure applications. The inlet port is 16 inches, and the outlet port is 8 inches. This feature allows for precise air movement and containment of airborne particles.



Figure 5: BlueDri AS1000 HEPA Air Scrubber control panel. The control panel features an ON/OFF speed switch, a 'Change HEPA Filter' light, a circuit breaker, and auxiliary 115V AC outlets.

6. Maintenance

6.1 Filter Replacement

Regularly check and replace filters to maintain optimal performance and air quality. The 'Change HEPA Filter' light

on the control panel indicates when filter replacement is due.

1. Unplug the unit from the power source.
2. Open the top lid by unlatching the side clips.
3. Loosen the screws on the filter cover.
4. Carefully remove the used filters (pre-filter and HEPA filter).
5. Install new filters. The replacement filter model is AS1000HF.
6. Tighten the screws and securely close the top lid.

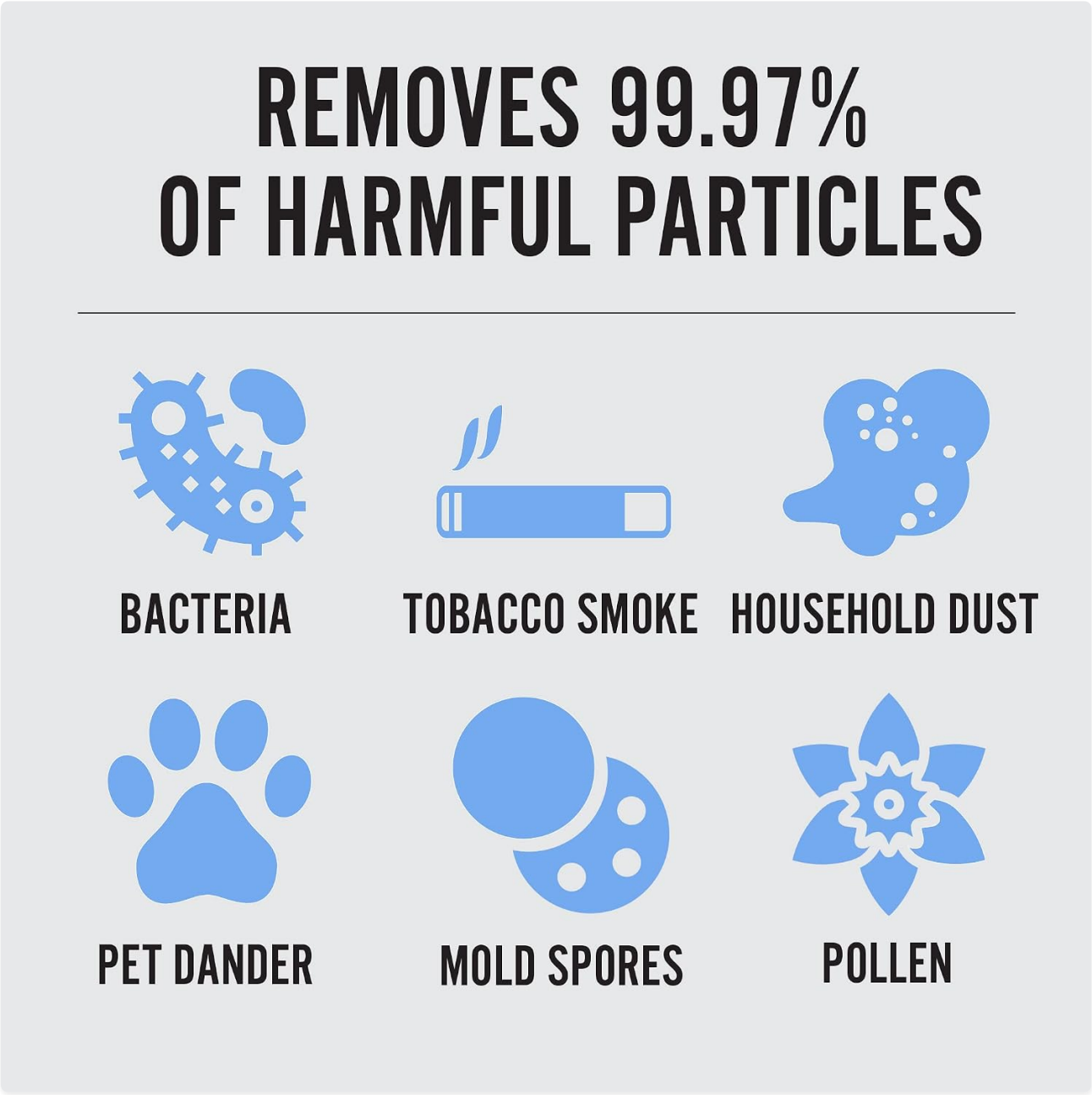


Figure 6: BlueDri AS1000 HEPA Air Scrubber filter replacement steps. This diagram shows the seven steps for replacing filters: 1. Unplug the unit. 2. Open top lid. 3. Loosen screws. 4. Remove used filters. 5. Install new filters. 6. Tighten screws. 7. Close top lid.





Figure 7: BlueDri AS1000 HEPA Air Scrubber top view with filter. This image shows the top of the unit with the filter visible, indicating the intake area.





Figure 8: BlueDri AS1000 HEPA Air Scrubber top view without filter. This image shows the top of the unit with the filter removed, revealing the internal fan and housing.

7. Troubleshooting

- **Unit not powering on:** Check power cord connection and circuit breaker. Ensure the electrical outlet is functional.
- **Reduced airflow:** Check filters for clogging and replace if necessary. Ensure there are no obstructions in the air intake or exhaust ports.
- **'Change HEPA Filter' light is on:** Replace the HEPA filter (model AS1000HF). Consider replacing the pre-filter as well.

8. Specifications

- **Model:** AS1000
- **Brand:** BlueDri
- **Color:** Blue
- **Product Dimensions:** 22.2"D x 21.3"W x 37"H
- **Item Weight:** 81 pounds
- **Floor Area Coverage:** 7500 Square Feet (based on 8-foot ceilings in 1 hour)
- **Airflow:** 1000 CFM
- **Amperage:** 6.8 Amps
- **Wattage:** 816 watts
- **Filter Class:** HEPA (Two-Stage Filtration with optional Carbon Filter)
- **Particle Retention Size:** Removes 99.97% of particles as small as 0.3 microns
- **Controller Type:** Button Control with Variable Speed Knob
- **Special Features:** HEPA Filter, 2-Stage Filtration, Portable, Durable Construction, Large Capacity, Filter Change Indicator Light, Auxiliary Outlets
- **Certification:** C-ETL-US certified
- **UPC:** 046013263827

9. Warranty & Support

The BlueDri AS1000 comes with a **1-year manufacturer warranty** on parts/labor and a **5-year warranty** on the housing.

For technical support, troubleshooting assistance, or warranty claims, please refer to the contact information provided in your product packaging or visit the official BlueDri website.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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