

Portable Breathe Easy™ Air Purifier

Stops Odors and Improves Air Quality

AC or DC
Powered



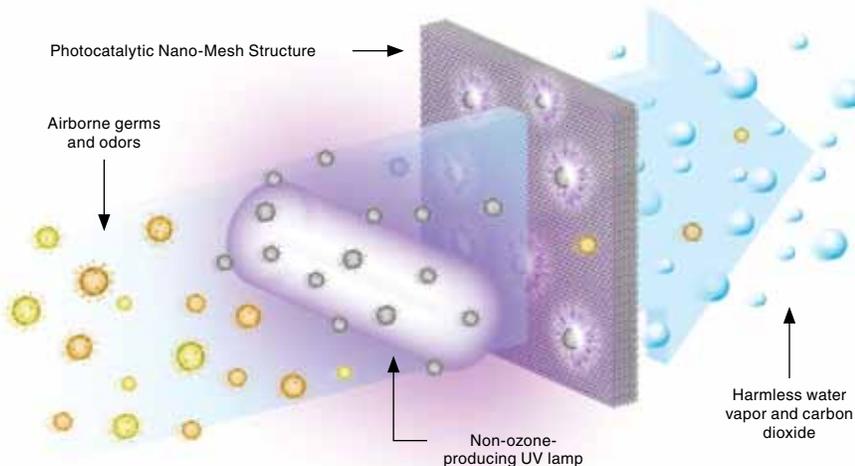
Includes worldwide AC adapter with plugs and 12V DC power plug.



Reduce the odors of tobacco smoke, mildew, mustiness, chemical vapors, and toilets, and inhale fresher, cleaner, healthier air. Effective in areas up to 500 sq. ft. (46 sq. m), the portable Breathe Easy Air Purifier uses innovative Photocatalytic Nano-Mesh technology with ultraviolet (UV) light to improve air quality. The UV bulb inside uses a specific frequency of light that produces no harmful ozone. The unit operates quietly and has two fan-speed settings.

How It Works

- 1 Biological contaminants like VOCs, mold spores, bacteria, and viruses pass through the air conditioning duct and into the air purifier system.
- 2 UV light energy activates the titanium-dioxide catalyst on the surface of the nano-mesh structure. The molecules of pollutants and odors that come in contact with the catalytic nano-mesh structure are reconfigured into non-toxic elements. Vortex action maximizes air contact with the catalytic surface.
- 3 Significantly cleaner, healthier air exits the photocatalytic air purifier.



Key Benefits

- Reduces mold spores, bacteria, viruses, and fumes, and enhances air quality
- Eliminates unpleasant odors
- Uses an intense ultraviolet (UV) light that produces no harmful ozone
- Cleaner air may lessen allergy and asthma symptoms
- Quiet operation with two fan speeds
- Up to 96% reduction in diesel fumes, acetone, benzene, formaldehyde, and other VOCs
- Up to 99% reduction in bacteria, fungi, mold, and pollen
- Photocatalytic nano-mesh structure will not degrade under UV light
- UV bulb is easy to replace
- Effective in areas up to 500 sq. ft. (46 sq. m)
- Worldwide AC power adapter with plugs and 12V DC power plug included

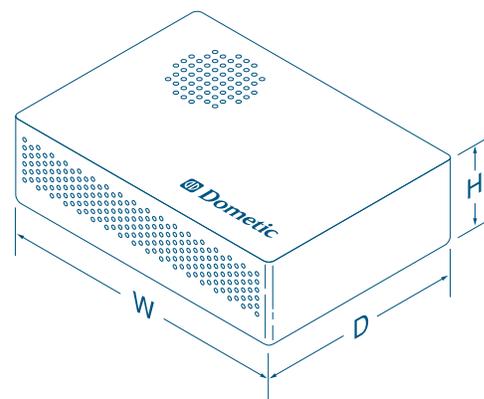
Product Testimonial

"While changing the fuel filter there was a minor diesel spill that permeated the boat. We discovered the Breathe Easy unit and it made all the difference in the world. No more smell and everybody could breathe easy!"

— Nancy Gates-Lee, Boat Owner

Technical Specifications for Portable Breathe Easy Air Purifier

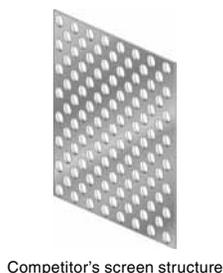
MODEL	PORTABLE
Capacity	Up to 500 sq. ft. (46 sq. m)
Volts/Hz/mA	115/60/300 220/50/200 230/60/275 12VDC/-/500
UV Bulb Watts	5
Height (in/mm)	1.75/45
Width (in/mm)	6.25/159
Depth (in/mm)	4.50/115



Competitive Advantages

Photocatalytic Nano-Mesh Technology

- A 3-dimensional Photocatalytic Nano-Mesh structure coated with titanium-dioxide (TiO2) provides maximum surface area for maximum neutralization of airborne contaminants that come in contact with it.
- Little or no reduction in air flow because the Photocatalytic Nano-Mesh structure creates very little static pressure.
- Does not need to be cleaned, maintained, or replaced.



UV Bulbs

Sized for the dimensions of the Photocatalytic Nano-Mesh structure, a single UV bulb with dual tubes provides greater intensity and service coverage to activate more of the photocatalytic material for high-performance results.

Safe & Effective Catalyst

Titanium-dioxide is in many common products, including pigments, processed foods, toothpaste and cosmetics. It is harmless to people, pets, plants, and the environment.

Laboratory Test Results

Independent testing of the Breathe Easy Air Purifier performed by Environmental Diagnostics Laboratory showed up to 96% reduction in volatile organic compounds (VOCs) and up to 99% reduction in bacteria and fungi.

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The Power of Photocatalytic Nano-Mesh Technology

Photocatalytic Nano-Mesh technology removes airborne contaminants that pass through the system and contact the photocatalytic surface. As air re-circulates it makes multiple passes through the system for continuously improving purification levels.

Photocatalytic air purification only occurs when airborne contaminants physically touch the catalyst. Innovative Photocatalytic Nano-Mesh technology creates a much greater contact surface for much greater results.

The Breathe Easy Air Purifier's three-dimensional Photocatalytic Nano-Mesh structure is constructed of metalized foam. This minutely intricate construction provides 2200% more surface area for holding the molecular catalytic coating than is possible with a simple screen structure. This unique design also provides scant air resistance, so there is no noticeable decrease in air flow.

In addition, through the science of nanotechnology, the titanium-dioxide catalyst is restructured at the molecular level to have an increased number of contact surfaces. This formation puts 70% larger molecules on the contact surface and dramatically improves reactivity with contaminants.

Two Innovative Models

- In-Line Ductable: Air purifier ducting tube is installed within ducting line and uses the air-conditioning system's blower to move air past the UV light and Photocatalytic Nano-Mesh structure. Available in tube sizes to fit all common duct diameters.
- Portable: Small and lightweight, the portable air purifier can be situated anywhere and uses an internal fan to move air past the UV light and Photocatalytic Nano-Mesh structure. It is suitable for areas up to 500 sq. ft. (46 sq. m) and operates on both DC and AC voltages.

Note: The Breathe Easy Air Purifier does not fix the source of ongoing odor problems. For example, a leak that caused mold must be repaired and the mold must be removed.



Dealer: