

Breathe Easy™ Portable Air Purifier

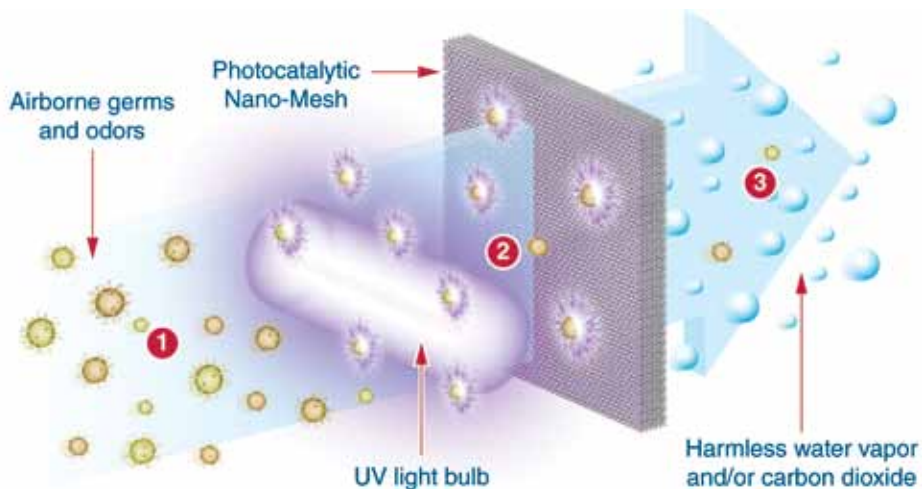
Stops Odors & Improves On-Board Air Quality



Reduce the odors of tobacco smoke, mildew, mustiness, chemical vapors, and toilets, and inhale fresher, cleaner, healthier air virtually anywhere you go. Effective in areas up to 500 sq. ft. (46 sq. m), the Breathe Easy™ Portable 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. A worldwide AC adapter with plugs is included, as well as a 12V DC power plug.

The Breathe Easy™ nano-mesh is a three-dimensional foam structure coated with titanium-dioxide (TiO₂) and provides 2200% more contact surface area than simple screen structures found in competing air purifiers. This is a significant advantage, as photocatalytic air purification occurs only when airborne contaminants contact the photocatalytic surface.

In addition, the TiO₂ 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.



How Breathe Easy Works:

1. Biological contaminants like VOCs, mold spores, bacteria, and viruses enter 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.
3. Significantly cleaner, healthier air exits the photocatalytic air purifier.

Key Benefits

- Eliminates unpleasant odors.
- Uses an intense ultraviolet (UV) light that produces no harmful ozone.
- Enhances air quality.
- 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 is safe and powerful.
- 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

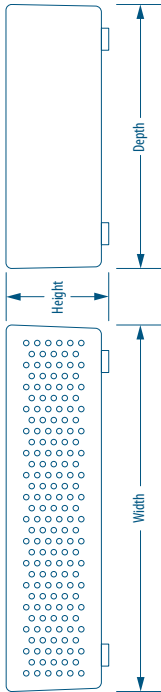
"While changing the fuel filter there was a minor diesel spill that permeated the boat. We discovered the Breathe Easy unit and it made all the difference in the world. No more smell and everybody could breathe easy!"

— Nancy Gates-Lee, Boat Owner, Boca Raton, FL

Specifications for Breathe Easy Portable Air Purifier

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

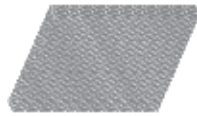
Dimensions



Breathe Easy™ Competitive Advantages

Photocatalytic Nano-Mesh Technology

- A three-dimensional Photocatalytic nano-mesh structure coated with titanium-dioxide (TiO2) provides greater surface area for maximum destruction of airborne contaminants.
- The nano-mesh structure creates very little static pressure, so there is no significant reduction in air flow velocity.
- Nano-mesh structure does not have to be cleaned or replaced.



Dometic's Photocatalytic Nano-Mesh Structure



Competitor's Screen

Safe and Effective Catalyst

TiO2 is found in many common products, such as pigments, processed foods, toothpaste, and cosmetics. It is harmless to people, animals, and the environment.

Laboratory Test Results

Testing of the Breathe Easy Portable Air Purifier performed by Environmental Diagnostics Laboratory showed up to 96% reduction in volatile organic compounds (VOCs) and up to 99% reduction in bacteria, fungi, mold, and pollen grains.

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 For all other areas visit our website to find your nearest distributor.

L-2712 Rev. 20120803

Specifications and availability subject to change without notice.



Dealer