

The world's
most energy-
efficient air
purifier



Blueair ECO10



Introducing the Blueair ECO10

This energy-saving air purifier provides a clear and cleaner indoor environment, using up to 95% less energy compared to most other air cleaners in its class.

The Blueair ECO10 not only saves energy, but operates more efficiently at less cost than other brands. In essence, it's a smart investment with a high rate of return.

Breakthrough technology. The Blueair ECO10 combines patented HEPASilent™ filter technology with a superior electronically commutated (EC) fan motor to deliver higher energy efficiency with a lot less noise than conventional motors. Other features include two built-in speeds, effective pre-filters and main filters that can be vacuumed for extended service life.

Low power consumption. The Blueair ECO10 operates on just 10 watts of power on high speed, making it extremely energy efficient. It is almost 10 times more energy efficient than the minimum performance standards for energy-efficient room air purifiers established by the Environmental Protection Agency in the U.S. for its Energy Star program.

Familiar features. Like other Blueair air purifiers, the Blueair ECO10 offers exceptional performance, unmatched quality and whisper-silent operation.



A fresh
green spin on
cleaner air

Why should it cost so much to get cleaner indoor air?

Save money on electricity

According to industry sources, the air in your home, office or health facility can be up to 100 times more polluted than the air outside. Most people spend approximately 90% of their time indoors; indoor air pollution therefore is a greater health risk than air pollution outside.

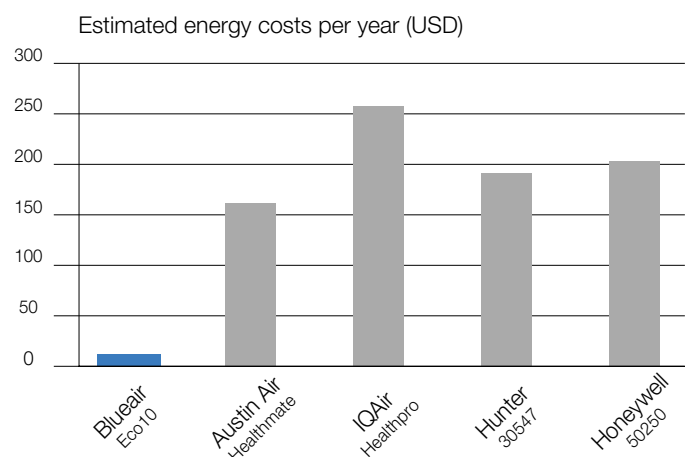
How much are you willing to invest on cleaner indoor air? With the Blueair ECO10, you spend less on electricity to bring cleaner air into your home than you would using any other air purifier.

It costs less than \$10 or 7 euro a year to operate the Blueair ECO10 on high speed 24/7. Other air purifiers cost up to 20 times more a year. Savings on energy costs are considerable and enable you to realize a quick return on your investment.

The energy savings add up

To put the unit's advanced technology into perspective, consider this. When new product specifications for Energy Star energy-efficient air purifiers were released in 2004, the U.S. Environmental Protection Agency projected consumer savings for an Energy Star air purifier would average \$200 or 135 euro over the lifetime of the product. The Blueair ECO10 delivers those energy savings in just

one year. So the payback time is relatively short and, once return on investment is realized, additional energy savings keep accumulating. It's possible to save \$2000 or 1,300 euro alone in energy savings over the lifetime of the unit.

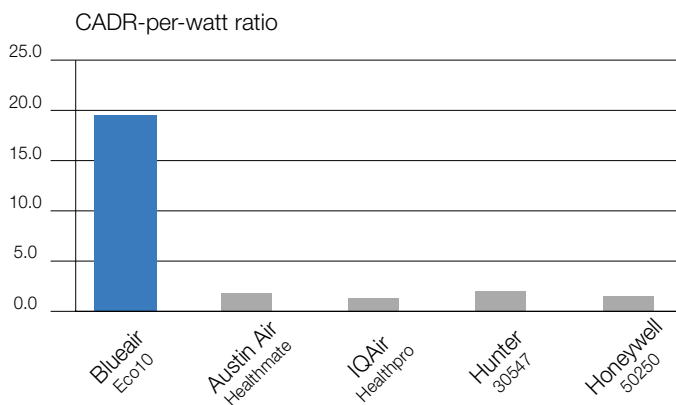




Highest CADR-per-watt ratio

The Blueair ECO10 has a CADR-per-watt ratio of 19.6 or nearly 28% better than the next best room air cleaner.* This ratio is the highest energy-efficiency rating ever recorded by the Environmental Protection Agency's Energy Star program. Thanks to its superior energy efficiency, the Blueair ECO10 helps you protect the environment and save on energy costs at the same time.

Around the world, millions of people live in areas where they are exposed to unhealthy levels of air pollution in the form of either ozone or short-term or year-round levels of particles.



* CADR stands for Clean Air Delivery Rate. CADR-per-watt ratio compares the cubic feet of contaminant-free air per minute produced by the unit to the amount of energy it consumes. Visit www.cadr.org for more information.



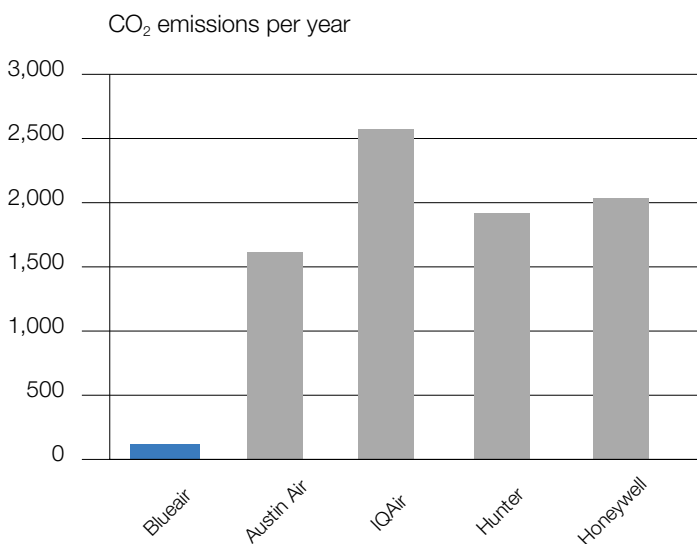
Help make the future greener

Reduce your carbon footprint by a tonne

For every kilowatt-hour of electricity saved using the Blueair ECO10, you do more than just save money. You make a conscious effort to use less energy and reduce carbon emissions that contribute to climate change.

The Blueair ECO10 produces less than 55 kilograms (120 pounds) of carbon emissions per year. That's the equivalent of driving a midsize fuel-efficient hybrid car around 640 highway kilometers (400 highway miles). Other air purifiers produce more than 900 kilograms (one ton) of carbon emissions a year or the equivalent of driving nearly 13,000 highway kilometers (8,125 highway miles).*

What's more, the Blueair ECO10 produces no ozone by-products during operation. At the end of its life cycle, the entire unit including the polypropylene filter is recyclable.



* Estimates are based on the Energy Information Administration's calculations for the amount of CO₂ emissions produced by one kWh.

Millions of room air purifiers are in use worldwide, consuming a lot of electricity each year.

Energy efficiency may well be the most rapid and cost-effective tool to reducing carbon dioxide emissions.

Source: WWF

The greenest air purifier ever made

Experience cleaner greener air

Exceptional performance, more efficient use of material, lighter weight, energy efficiency, ease of assembly and less packaging. Thanks to our Swedish heritage, every Blueair product is designed with this in mind.

So it should come as no surprise that sophisticated materials and precision engineering allow Blueair air purifiers to clean more indoor air at a faster rate, with less noise and less electricity than any other.

Specifications

Dimensions	660 x 500 x 340 mm (26 x 20 x 13 inches)
Weight	15.5 kilograms (35 pounds)
Room size	28 square meters (298 square feet)
CADR*	Smoke: 190 Dust: 195 Pollen: 200
Airflow rate	425 cubic meters per hour (250 cubic feet per minute)*
Power usage	Minimum: 5 watts Maximum: 10 watts
Noise level	49 dB(A) maximum speed
Average filter service life	12 months

*Clean Air Delivery Rate, see www.cadr.org

Ultra-efficient EC fan motor. Far better than conventional motors, the electronically commutated (EC) fan motor provides higher efficiency, efficient speed control, better temperature control and longer service life. All this contributes to a higher rate of air exchange and impressive energy-saving performance, making it the most efficient air purifier ever made.

Electrostatic ionizer. The ionizer charges the air to make airborne particles cling more easily to the filters. This helps increase overall cleaning efficiency.

High-efficiency filters. Patented HEPASilent™ filter technology generally provides higher filtration efficiency than other air purifiers. Fine polypropylene fibers effectively trap 99.5% of all allergens and other airborne particles down to 0.1 micron in size yet enable air to flow freely through the filters. And the filters need to be changed only once a year!

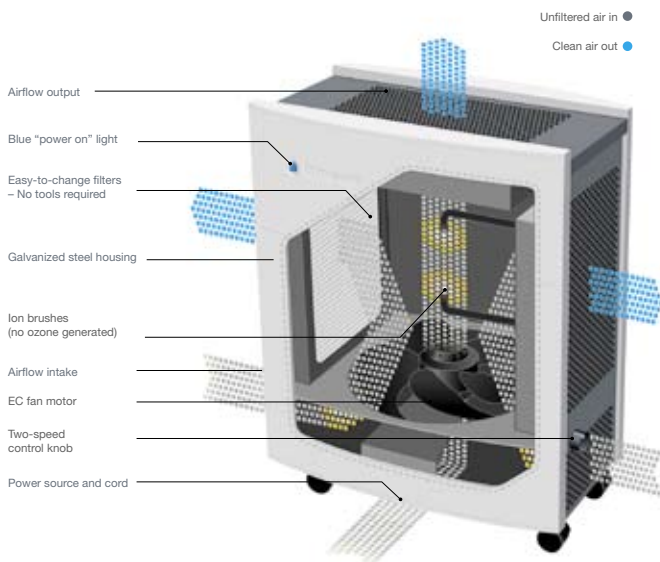
Effective pre-filters. To extend the service life of the HEPASilent filters, pre-filters effectively remove large particles such as visible dust, hair and lint. These improve the overall efficiency of your unit.

Sleek sturdy housing. Even the housing is designed with quiet operation in mind. Blueair housing is made of galvanized steel combined with soundproofing material to minimize noise from the unit. The noise level is a low 49 dB(A). It works so quietly that you may wonder if it is operating.



How it works. Simply plug in the Blueair ECO10 and switch it on. Depending on your needs, choose between the high or low setting. The pre-filters effectively capture larger airborne particles as the EC fan motor draws air into the unit.

Air passes through an ion chamber where airborne particles are electrically charged with negative ions. Charged particles are drawn to the HEPASilent filter surface. Purified air, that is virtually contaminant-free, is re-circulated into the room.



“Blueair has been a true industry leader in contributing to the development of the Energy Star room air cleaner specifications.

Energy Star’s partnership with Blueair demonstrates how we can all work together to help consumers save money and the environment at the same time.”

– Kathleen Hogan, Director of the Climate Protection Partnerships Division of the U.S. Environmental Protection Agency





Designed for life

Environmentally aware. Blueair products offer exceptional performance without polluting the environment. Recyclable non-toxic polypropylene filters are made of one of the least harmful plastics and do not contain any chemical additives or release any toxins into landfills or the air. Plus the galvanized steel housing uses a special powder-coated finish that produces no chemical outgassing.

Award-winning design. The union of visually pleasing form and effective function is a hallmark of Swedish design, and Blueair is no exception. Its sleek contemporary look has earned Blueair one of the most prestigious design awards in Scandinavia, the Excellent Swedish Design award. In fact, a Blueair unit resides in a permanent exhibit at The National Museum in Stockholm.

Limited warranty. Blueair provides a one-year limited warranty for parts replacement and repair on the Blueair ECO10.



Our philosophy

Blueair believes in cleaner indoor air for everyone. Removing air impurities down to the tiniest particle requires a deep commitment to continuous innovation and a greener global environment. Our fresh air solutions are not only inventive, but extremely effective and ecofriendly. At Blueair we believe that clean air is a human right.

www.blueair.com

Dealer information:

Certifications



This product earned the ENERGY STAR by meeting the strict energy efficiency guidelines set by the U.S. EPA. The U.S. EPA does not endorse any manufacturer claims of healthier indoor air from the use of this product.



	Clean Air Delivery Rate <i>Certified Rating</i>
<p><i>From air cleaner to air cleaner, compare the CADR numbers. First, look at suggested room size. Then refer to the tobacco smoke, dust and pollen Clean Air Delivery Rate (CADR) numbers. The higher the numbers, the faster the unit filters the air.</i></p> <p>This air cleaner is suggested for use in a single closed room up to <u>298</u> square feet.</p> <p><i>Room size ratings conform to the AHAM Certification Program criteria of 80% smoke reduction. Higher Clean Air Delivery Rates provide improved performance in all room sizes. Portable air cleaners will be much more effective in rooms where all doors and windows are closed.</i></p>	
<p>Tobacco Smoke: <u>190</u> Dust: <u>195</u> Pollen: <u>200</u></p> <p><i>These values represent performance that can be expected within the first 72 hours of operation. Subsequent performance may vary with use.</i></p> <p style="text-align: right;">www.cadr.org</p>	
<p>Association of Home Appliance Manufacturers AHAM</p>	

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