

When every
breath **matters**

Blueair MD Professional



Industrial strength air cleaning

The air we breathe is one of life's essentials. Yet each day brings new reports of alarmingly high rates of air pollutants both indoors and out. Which makes you wonder if the air around you is making you sick.

You're not alone. Poor indoor air quality can cause headaches, dizziness, fatigue, and can irritate your eyes, nose and throat. According to reports from the U.S. Environmental Protection Agency and the American Lung Association, poor air quality has contributed to the sharp rise in respiratory diseases, such as asthma.

The Blueair MD Professional air purifier offers commercial quality, reliability, performance and cleaning power for residential and commercial use. Featuring a long-life, high-efficiency motor and galvanized steel housing, these air purifiers are built to last.

Whether purchasing a single unit for your home or hundreds of units for your facility, the Blueair MD Professional provides maximum control of airborne contaminants and serves as an effective and reliable complement to your existing ventilation system.



Total control of indoor air quality

Asthma accounts for approximately 24.5 million missed work days for adults annually.

Source: American Lung Association, Trends in Asthma Morbidity and Mortality, May 2005.

Public health is good for business

According to the American Lung Association, most Americans spend an average of 90 percent of their time indoors. But the air indoors can be up to 100 times more polluted and therefore pose a more significant health risk than the air outdoors.

Conventional wisdom points to pollutant source control and proper ventilation to remedy poor indoor air quality. However, adequate ventilation doesn't help remove all the contaminants from the air; it helps dilute them. Complementing good ventilation systems with the Blueair MD Professional helps remove harmful pathogens and common allergens, such as smoke, pollen, dust mites, chemical pollutants and other impurities, from the air. This gives you better control over indoor air quality.

Engineered for control of indoor air pollution in homes, hotels, health-care facilities and workplaces, the Blueair MD Professional is specially designed for people who care about the health and well-being of their family and friends as well as their guests or tenants.



Hotel



Healthcare



Workspace

If you purchase products in bulk for a company, institution or other organization and want energy-efficient products at competitive prices, then the Blueair MD Professional unit is for you.

Hotels. Get professional strength air purification for your guest rooms. Even in smoke-free areas, other airborne contaminants and odors still linger in the air. Blueair MD Professional offers advanced filtration technology for effective removal of particulate indoor air pollutants.

Healthcare facilities. With hospital-acquired infections on the rise, patients and healthcare professionals are demanding better ventilation systems to prevent the circulation of respiratory pathogens. The Blueair MD Professional meets the stringent standards of healthcare.

Apartments, condos and office buildings. Increasingly more people are aware of the health hazards of indoor air pollution. The Blueair MD Professional gives facilities managers, building superintendents and owners an effective way to control indoor air quality.

Retirement homes and communities. Seniors spend even more time indoors. Those with limited mobility, compromised immune systems and sensitivity to pollutants and toxins are more susceptible to the health hazards of poor indoor air. The Blueair MD Professional helps reduce the risks associated with indoor air pollution.

Buying Blueair makes good business sense

The savings add up when you choose the Blueair MD Professional air purifier. The Blueair MD Professional performs better than most other industrial air purifiers. Plus it offers economic advantages that enable the unit to quickly pay for itself. Take a look at how the Blueair MD Professional compares to other commercial air purifiers. Then do the math and calculate your savings.

A better buy. It costs nearly 20% less than the other air purifiers in its class, yet does the job of removing airborne impurities much more effectively.

More economical operation. It uses up to 55% less energy with savings accumulating over the lifetime of the unit.

Quietest commercial unit. It is up 12% quieter on high speed and 25% quieter on low speed than other air purifiers in its class.

Lower filter replacement costs. It costs up to 80% less to replace Blueair MD Professional filters than filter replacement for other units.

Solid industry warranty. Blueair provides a five-year limited warranty for parts replacement and repair through our customer service center.

Free your indoor air of harmful contaminants

Certified Clean Air Delivery Rate (CADR). Recognized by the U.S. Environmental Protection Agency and the American Lung Association, the CADR is independently measured by the Association of Home Appliance Manufacturers to enable consumers to compare air purifiers with regard to performance in eliminating tobacco smoke, dust and pollen. The Blueair MD Professional has among the highest ratings to date.

Specifications

Dimensions	20 x 11 x 23 inches (500 x 275 x 590 mm)
Weight	37.5 pounds (17 kilograms)
Room size	Approximately 15 x 24 feet 360 square feet (33 square meters)
CADR*	Smoke: 232 Dust: 239 Pollen: 284
Airflow rate	Up to 302 cubic feet per minute (302 cubic meters per hour)*
Power usage	Maximum: 95 watts
Noise level	63.5 dBA maximum speed
Filter service life	12 months
Warranty	5 years

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

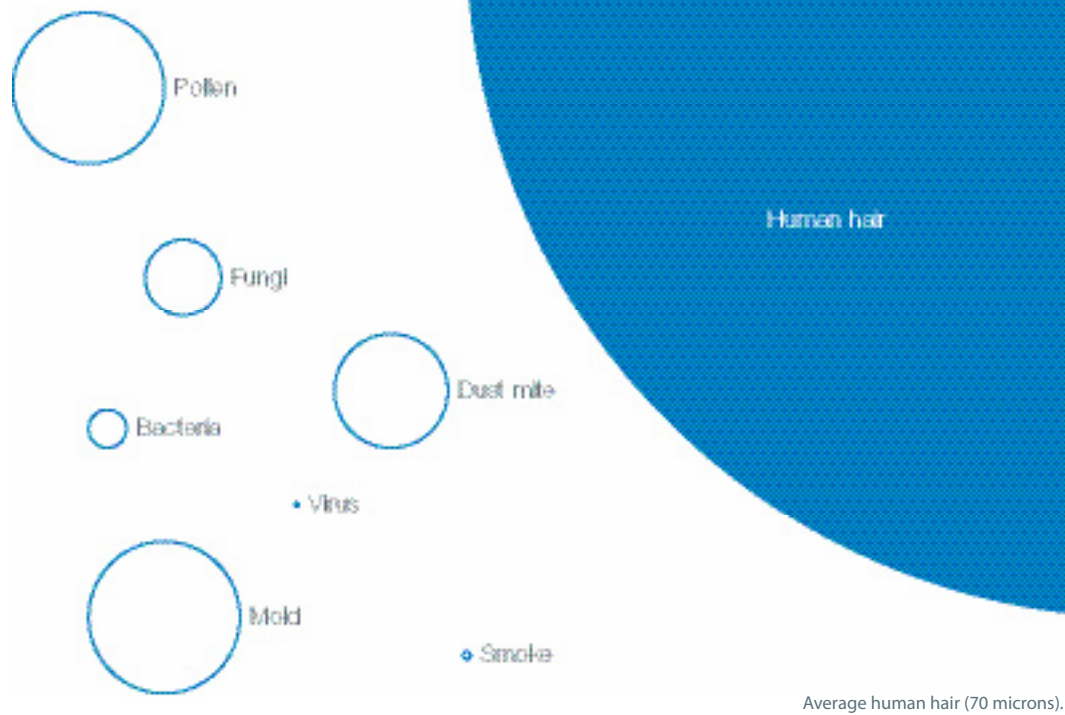
Costs less. Does a more expensive air purifier deliver cleaner air? Not necessarily. The Blueair MD Professional costs nearly 20% less than the other air purifiers in its class, yet does the job of removing airborne impurities much more effectively.

Energy efficient. As an Energy Star product, the Blueair MD Professional must be at least 35% more energy efficient than most air purifiers. But it actually uses up to 55% less energy to operate than all other air purifiers in its class. That adds up to substantial savings.

Better airflow. Thanks to its large grille, the unit cleans the air easily. The Blueair MD Professional has an airflow inlet and outlet that are much larger than other air purifiers in its class. This means the unit produces virtually no noticeable draft, while providing an exceptional air exchange rate.

Superior fan motor. Secured with a sturdy die-cast aluminum bracket, its powerful motor provides a higher rate of air exchange yet is ultra-quiet, thanks to galvanized steel housing combined with soundproofing material.

The strong, silent Swede. Blueair air purifiers are the quietest air purifiers available. So quiet that a blue light-emitting diode was incorporated into the design to let you know that they're working. At high speed, the sound level is just 63.5 dBA and at low speed a mere 38 dBA, which is equivalent to very quiet desktop computer.



HEPASilent™ technology. This patented three-stage filter technology combines mechanical and electrostatic technology for higher filtration efficiency than using either mechanical or electrostatic technology alone.

Electrostatic ionizer. Four ion brushes charge the air to make particles cling easily to the filter media, capturing the airborne virus and bacteria while enabling the air to flow freely through the filter. This increases overall cleaning efficiency.

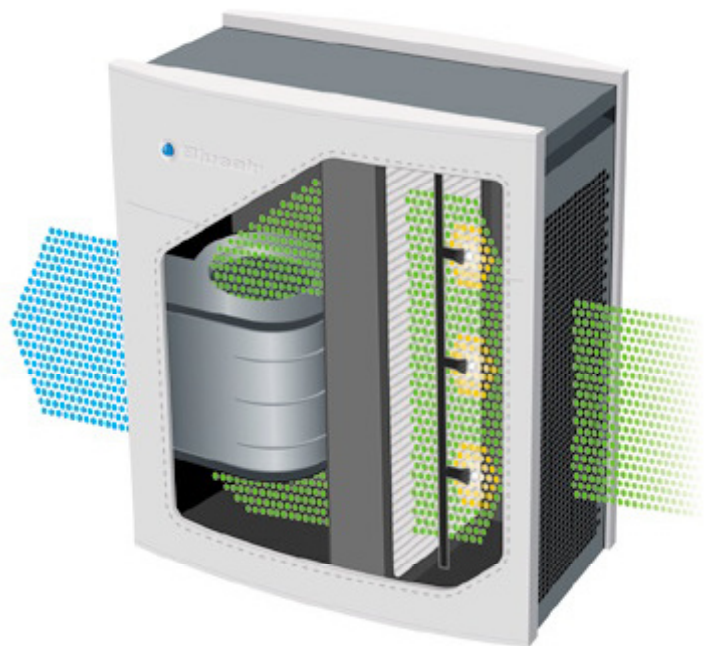
One effective filter. Unlike other air purifiers that have up to five different filters, the Blueair MD Professional only requires one filter. This highly effective multigas filter with activated carbon removes volatile organic compounds and common allergens and odors from the air.

30-second filter replacement. Simply open the door and the built-in microswitch automatically turns off the unit. Then slide out the old filter and slide the new one in. No disassembly or tools required.

Sealed housing and filter elements. The galvanized steel housing, metal components and filter elements are sealed to prevent leakage of unprocessed air. This ensures that the airborne contaminants that enter the unit are cleaned according to Blueair's stringent requirements.

Certified performance. Blueair tests each unit at the factory to verify its cleaning efficiency. Using the built-in inspection valve at the bottom of the unit, our experts certify that the unit filters 99.97% of particulate pollution down to 0.3 microns in size from the air. A seal of certification is affixed to each unit to attest to the unit's performance.

The Blueair MD Professional



Blueair MD Professional filters out 99.97% of all impurities from your air.



Taking better care of our **young and old**

Clinical proof

Every day in America 40,000 people miss school or work, 30,000 people have an asthma attack, 5,000 people visit the emergency room, 1,000 people are admitted to the hospital and 11 people die due to asthma.*

Children and seniors are particularly susceptible to respiratory diseases linked to air pollution. However, everyone needs protection against the health hazards of airborne contaminants indoors. The Blueair MD Professional provides the assurance you need.

The first ever Blueair air purifier was put to the test at Sweden's most prestigious hospital in the city of Stockholm. Some 200 samples of air were taken in hospital rooms with and without a functioning Blueair air purifier.

The samples were cultured in Petri dishes to determine the presence of bacteria. Samples from rooms without air purifiers confirmed the presence of bacteria. These were compared to the Petri dish cultures from the rooms with Blueair air purifiers.

The results indicated a 90% reduction of airborne contaminants and bacteria using the very first Blueair air purifier. Since then, Blueair has continually improved the efficiency and performance of our air purifiers. So much so, in fact, that the Blueair MD Professional air purifier removes 99.97% of 0.3 micron particles.

What's good enough for hospitals can surely be put to good use in your home or your facility.

Over 136 million people live in areas of the United States where dirty air is a danger to public health. At risk are our children, our parents, our families, our neighbors and our friends.

Source: American Lung Association, State of the Air 2007.



*Source: Annual U.S. Prevalence Statistics for Chronic Diseases.





Designed for life

Environmentally aware. Blueair products offer exceptional performance without polluting the environment. Recyclable nontoxic 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 atmosphere. 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.

Solid industry warranty. Buy Blueair with complete confidence. The Blueair MD Professional comes with a five-year warranty against hardware defects from the date of purchase. Simply contact our customer service center for assistance.



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

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>From air cleaner to air cleaner, compare the CADR numbers. First, look at suggested room sizes. 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.</p> <p>This air cleaner is suggested for use in a single closed room up to <u>360</u> square feet.</p> <p>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.</p> <p>Tobacco Smoker: <u>232</u> Dust: <u>239</u> Pollen: <u>284</u></p> <p>These values represent performance that can be expected within the first 72 hours of operation. Subsequent performance may vary with use.</p> <p style="text-align: right;">www.cadr.org</p>	
<p>Association of Home Appliance Manufacturers AHAM</p>	



Printed on environmental paper.

Blueair Inc.
17 N. State, Suite 1830, Chicago, IL 60602
Tel: (888) 258-3247, Fax: (312) 727-1153
info@blueair.com

Blueair AB
Danderydsgatan 11, SE-114 26 Stockholm, Sweden
Tel: +46-8-679 45 00, Fax: +46-8-679 45 45
info@blueair.se