Blueair Furnace Filter System with the MX2 Particle Charger

Blueair 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

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

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

Blueair Inc.
17 N. State, Suite 1830, Chicago, IL 60602
Tel: 1-888-258-3247, Fax: 312-727-1153
info@blueair.com

Dealer information:

To Buy: Visit www.sylvane.com or call (800) 934-9194
Product Support: Contact Blueair at (888) 258-3247

Double the cleaning efficiency of your furnace filter
A revolutionary combination of advanced filter media and a powerful ion particle charger (MX2) makes it possible for the Blueair Furnace Filter System to achieve better results than either mechanical or electrostatic technology alone.

The air inside your home can be up to 10 times more polluted than outdoor air.* Getting rid of air impurities requires a comprehensive approach to improving indoor air quality—from identifying the source of contamination to implementing control measures that reduce common residential indoor air problems.

Blueair now brings you a new approach to boosting the efficiency of your air filtration system at home. The Blueair Furnace Filter System lets you turn your common forced-air furnace into a highly efficient air filtration system. The system consists of a Blueair furnace filter combined with a powerful particle charger, the MX2.

Tiny yet cost-effective, this 4 x 2.4 x 1.4-inch unit doubles the performance of Blueair furnace filters—without the expense of installing a whole-house filter system.

* Source: Environmental Protection Agency
Good buddies for cleaner air

Pairing the MX2 particle charger with a high efficiency Blueair furnace filter not only improves the efficiency of your furnace filter system but reduces the amount of time it takes to purify the air.

Meet the MX2. An elegantly engineered companion to Blueair furnace filters, the MX2 particle charger gets its name from its function—the removal of tiny airborne particles that may be hazardous to human health. It multiplies the efficiency of highly effective Blueair filters by two times, thus MX2.

Cleans twice as as standard filters. According to independent filtration test performed in an ordinary sized house under real-life conditions, the Blueair Furnace Filter System cut the time required to reduce the amount of airborne particles by 50 percent.

The Blueair Furnace Filter System clears the air 12.5 minutes faster than using a filter alone. It took just 15.5 minutes to remove half of all particles larger than 0.01 micron in size.

In other words, this powerful Blueair combination of particle charger and filter delivers cleaner air nearly twice as fast than using a filter alone.

Blueair furnace filters. Proven high-performance filters, these are definitely not your ordinary inexpensive fiberglass filters commonly found in most forced air furnaces.

Removes air impurities twice as fast!

97.7% particle-free after just two hours

Cleans more efficiently. In just two hours, the MX2 particle charger in combination with a high efficiency Blueair furnace filter removes 97.7% of all particles larger than 0.01 micron in size. The filter alone removes just 87.7%, leaving 12.3% of these particles in the air.
A+ for efficiency and performance

Based on proven Blueair technology, the Blueair Furnace Filter System combines high performance with energy efficiency. Notably superior, it outperforms the leading one-inch furnace filters hands down.

Data from an independent testing laboratory indicates that using the MX2 particle charger in combination with a Blueair furnace filter almost doubles the filtration efficiency for particles in the 0.3–0.5 micron size range, compared to using the filter alone.

Airborne irritants that fall within the 0.3 to 0.5 size range include harmful allergens. Removal of these irritants provides a measure of relief for allergy and asthma sufferers.

The Blueair Furnace Filter System is a winner when it comes to energy efficiency. Over the course of a year, the MX2 particle charger operates on just five watts, using less energy than an ordinary incandescent light bulb. Plus Blueair filters allow for a low pressure drop which lets air pass through the filter easily. This contributes to energy efficiency without sacrificing your indoor air quality, too.

Comparison shopping? You probably have looked at so many specifications, but have come across so little real data. Look no more. Blueair brings you real data on real-life performance using 16” x 20” x 1” filters. No simulation under laboratory conditions. No smoke and mirrors. No kidding.

According to measurements using advanced filter test equipment, the Blueair Furnace Filter System delivers up to three times higher filtration efficiency than 3M UltraAllergen filters for the removal of 0.3–0.5 micron particles from outdoor air.

What is fractional efficiency?
Fractional efficiency is an expression of how well a filter removes impurities from the air. The term “fractional” simply means that measurements are taken in certain increments for analysis. In this case, the increments are the size of the particles being removed from the air.

MX2 Particle Charger efficiency

Data from an independent testing laboratory indicates that using the MX2 in combination with a high-efficiency filter removes nearly 52 percent of particles within the 0.3–0.5 micron size range. This delivers a 22.5 percent improvement in efficiency compared to using a filter alone. Source: Bloomington, air filtration testing specialists, LMS Laboratories.

Fractional Efficiency vs. Particle Diameter

Efficiency ratings are based on tests conducted with Blueair and 3M furnace filters using real-life conditions.
Pocket-sized wonder

Advanced performance plus so much more. The Blueair Furnace Filter System brings industry-leading performance to your forced air furnace system, delivering advanced performance, cost- and energy efficiency and indoor air that is as allergen-free as possible.

Just plug it in. Simply replace your ordinary furnace filter with a Blueair filter and plug the MX2 particle charger into the electrical outlets near the return air grills in your home. You’re now ready to run your new Blueair Furnace Filter System. No need to spend time or money on re-wiring to install a whole-house filter system.

How it works. The MX2 particle charger releases negatively charged ions into the air. This makes airborne particles cling more easily to the media of the Blueair furnace filter. By constantly charging particles in the air, your air filtration system keeps on working effectively and reliably.

No ozone. What’s more, the MX2 particle charger doesn’t produce any ozone by-products that can irritate allergy and asthma sufferers.

The MX2 is an essential component of the Blueair Furnace Filter System. When used in combination with a Blueair filter, the MX2 improves filter efficiency by up to 22.5%.
Where form meets function for cleaner air

Blueair is recognized around the world for high efficiency solutions for cleaner indoor air. At home, in hospitals or on the go, Blueair products combine form and function to clean indoor air of impurities that can pose risks to your health.

Whether purifying air in your own personal space, your entire house, a hospital ward or the office, Blueair assures that the air you breathe is fresher and cleaner than before. Add stylish design to the equation, and you’re guaranteed to find an air filtration system that fits your way of life.

A head-turner
Sleek contemporary Swedish design turns heads and design-conscious consumers choose Blueair products for their award-winning design. Recipient of the Excellent Swedish Design award, a Blueair air purifier is on permanent exhibit at The National Museum in Stockholm.

Patented performance
Looks aren’t everything. Performance counts, too. As proof of our innovative approach to combining form and function, the Blueair Furnace Filter System uses the same patented HEPASilent technology as our room air purifiers. This revolutionary combination of mechanical and electrostatic filtration captures 99.97% of all 0.1-micron particles with whisper-silent operation.

We are 100% committed to air purification. Founded in Sweden 1996, we have earned a reputation as a leader and innovator within our category and are the recepiant of numerous awards and certifications.