

Trane CleanEffects™

A REVOLUTION IN CLEAN AIR

Removes up to 99.98% of allergens from the filtered air.

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Trane CleanEffects™

Superior technology turns ordinary air into Trane Air™.

Introducing Trane CleanEffects, the most effective whole-house air filtration system available.

Trane CleanEffects not only outperforms even the best HEPA filter, it is designed to work with a Trane heating and cooling system to deliver what we call Trane Air throughout your home — air that is heated or cooled, thoroughly conditioned, and meticulously cleaned of up to an unprecedented 99.98% of airborne allergens that pass through the filter.

With Trane CleanEffects as a part of your total comfort system, you and your family can breathe easier than ever before.

Trane CleanEffects™

- ≡ Removes up to 99.98% of allergens from the filtered air.
- ≡ Traps particles as small as .1 microns in size including the common flu.
- ≡ Up to 100 times more effective than a standard 1" filter.
- ≡ Delivers cleaner air, and more of it.
- ≡ Performance has been verified by leading experts at the Harvard School of Public Health.

Trane CleanEffects™ TAKES CLEAN AIR TO A WHOLE NEW LEVEL.

It's time to expect more from your heating and cooling system.

You deserve clean air
as well as conditioned air.

Many people believe that their heating and cooling system is already cleaning the air. But the fact is, your system might be making the problem worse, not better.

That's because most systems are equipped with a standard 1" air filter, which is designed primarily to keep debris like pet hair and feathers from damaging the equipment. They are not designed to clean the air. So whenever your system is on, it churns up allergens and circulates them throughout your home.

At Trane, we believe that your heating and cooling system should clean as well as condition the air. And Trane CleanEffects will help your system do that far better than any other air filtration system.

Performance verified by leading experts.

Trane CleanEffects is the new industry benchmark verified by experts who make it their business to know about clean air.

Key among them is Dr. John Spengler, Ph.D., a professor at the Harvard School of Public Health and co-founder of Environmental Health and Engineering, Inc. (EH&E), a company dedicated to ensuring safe and productive work and living environments. Dr. Spengler and his company verified that Trane CleanEffects is uniquely capable of removing up to 99.98% of airborne pollutants such as pollen, mold spores, dust and bacteria from the filtered air.

You're probably breathing more
allergens than you think.

Believe it or not, the quality of the air inside your home is probably worse than it is outdoors. Not only can dirty air make you less comfortable, it can potentially create a serious problem for family members who suffer from allergies and asthma. Consider...

- ≡ Most homes naturally generate about 40 pounds of dust per year for every 1,500 square feet of space.
- ≡ Just one ounce of dust can hold about 40,000 dust mites, one of the most common household allergens.
- ≡ Up to 72 trillion allergens find their way into your home every day.

In a separate study conducted by Dr. David MacIntosh, instructor at the Harvard Extension School and principal scientist at EH&E, the Trane CleanEffects was proven to remove more than 99% of the common flu, or influenza A virus from the filtered air.

Trane CleanEffects was also tested by LMS Technologies, Inc., a company that specializes in air flow and filtration testing. The result? The amount and quality of clean air delivered was the best ever tested.



HOW TO GET EVEN MORE FROM Trane CleanEffects™.

A heating and cooling system is only as good as its parts. And, even though each component is separate, they're all designed and engineered to work together as a system. With Trane CleanEffects as part of a Trane matched system, you can rest assured that you'll experience maximum comfort, efficiency and the cleanest air possible.

This is especially true if you install Trane CleanEffects into a system that features an indoor unit with a variable-speed fan motor. Not only will you be able to remove up to 99.98% of allergens from the filtered air, you'll be able to kill dust mites if the indoor air is maintained at or below 50% humidity. And since a variable-speed motor can operate at a lower speed, you'll also save energy — lowering utility costs — while breathing cleaner air.

Air flows through, unwanted particles don't.

Removes up to 99.98% of airborne particles as small as .1 microns.

With Trane CleanEffects™, your family will breathe easier than ever before. That's because we designed our air filtration system with unique, patented technology capable of cleaning up to an astonishing 99.98% of particles and more than 99% of the common flu virus from the filtered air. No other air filtration system can make that claim.

What's more, our revolutionary technology can trap particles as small as .1 microns in size. Irritating particles like dust, pollen, mold spores, viruses and bacteria are often .1 microns — so

ONLY TRANE CleanEffects™ REMOVES UP TO 99.98% OF THE TINIEST PARTICLES.



small that 20 million particles of that size could fit on the period at the end of this sentence. This size particle can get deep into your lungs because they aren't filtered well by your nose and throat. Trane CleanEffects removes these tiny particles, effectively reducing the triggers for asthma, allergies and even the common flu.

No other filter or filtration system can compare. Not even HEPA.

Trane CleanEffects works consistently to provide you with clean, even better than HEPA, air.

Why the difference in performance? In a word: technology. HEPA filters trap airborne particles by forcing air through very dense mesh. The result is a "pressure drop," meaning the amount of air that can flow through the filter is considerably less. In other words, with a HEPA filter, less air is cleaned less efficiently and effectively.

Not so with Trane CleanEffects. Our unique and patented filtration process removes up to 99.98% of unwanted airborne particles passing through the filter, without significantly hampering airflow. This gives you long-lasting and consistent performance with the lowest pressure drop and highest efficiency of any filtration system available. In fact, Trane CleanEffects is more effective than even the best HEPA filter, and 100 times more effective than a standard 1" filter, in delivering clean air throughout your home.

Take a look inside our revolutionary air filtration system.

Painted Sheet Metal Cabinet:

Constructed of heavy 18-gauge metal to protect the filter and internal electronics.

Field Charger:

Facilitates up to 99.98% cleaning effectiveness by charging airborne contaminants so they are attracted to an oppositely charged collection cell.

Reusable Collection Cells:

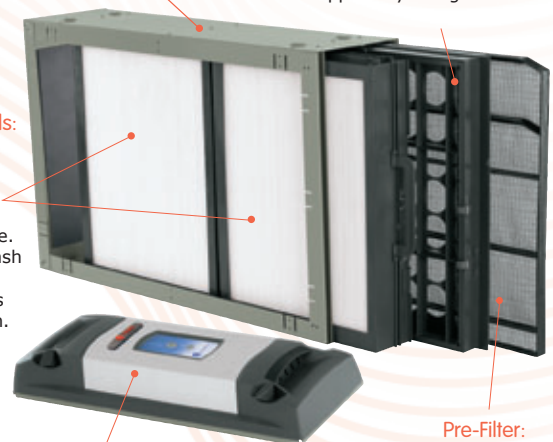
Precision engineered to trap particles as small as .1 microns in size. Vacuum or wash to make the collection cells like new again.

Power Door:

Provides easy access to internal components. Features a filter status display as well as safety interlocks that automatically shut down the power when the door is opened for maintenance or cleaning.

Pre-Filter:

Traps large airborne particles, and extends the time between cleaning the collection cells.





It's Hard To Stop A Trane.®

Make your home a better place for living.

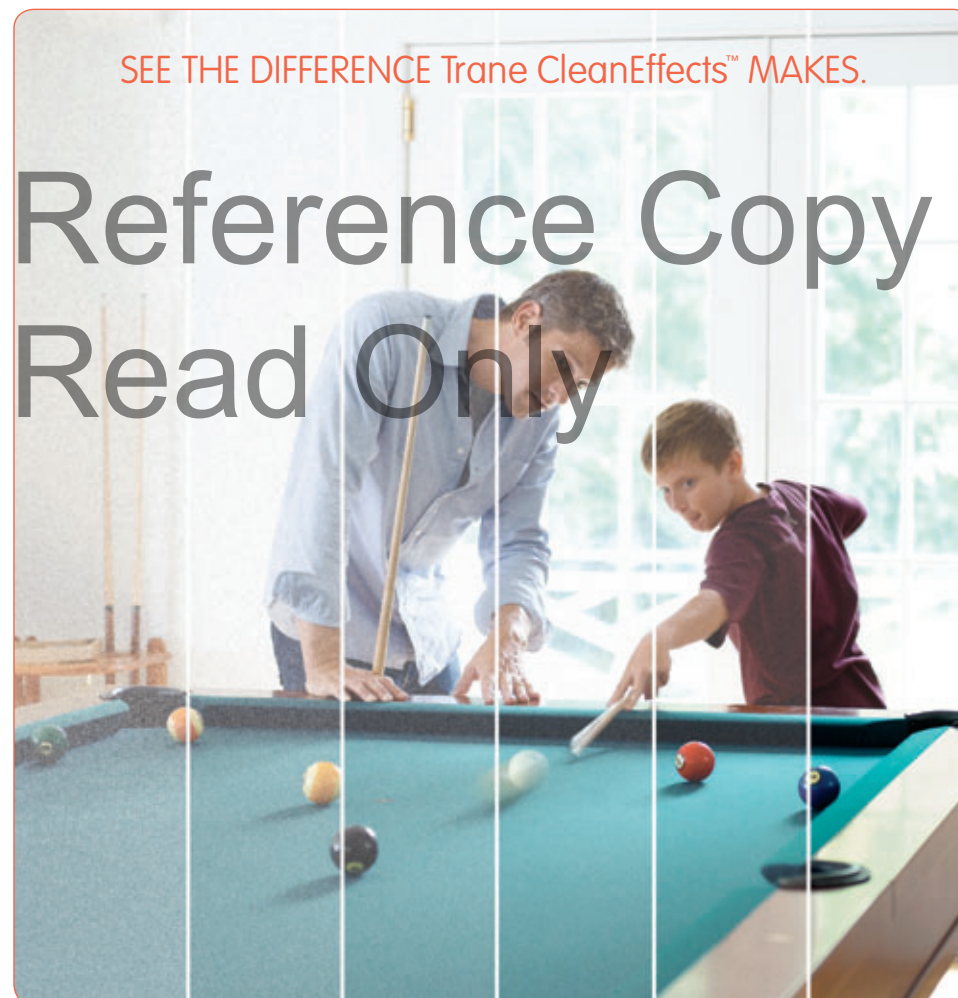
Get cleaner air, and more of it.

No other air filtration system delivers cleaner air — or more of it — than Trane CleanEffects™. Clean air delivery rate is the measure of filter cleaning efficiency and airflow. Trane CleanEffects has the highest clean air delivery rate of any air filtration system or appliance.

Make your entire home a clean air comfort zone.

Trane CleanEffects is a whole-house air cleaner, meaning it works in conjunction with your heating and cooling system to clean up to 99.98% of airborne allergens from the filtered air. Compare this to plug-in air cleaners that operate in a single room. To match the effectiveness of a whole-house system, you'd have to buy several plug-in cleaners at a cost of \$300 to \$500 each. Plus, these appliances can be noisy and take up valuable floor space.

The Trane CleanEffects whole-house air filtration system is the best way to make sure your family breathes air that's exceptionally clean — no matter what room they're in — for maximum comfort.



10	12	150	240	660	1200
Typical Ionic-Type Appliance	Typical 1" Filter	Typical Room HEPA Appliance	Whole- House 5" Media	Whole-House Electronic Air Cleaner	Trane CleanEffects™

Clean air delivery rate (efficiency times airflow rate) is recognized by the Federal Trade Commission (FTC) and the Environmental Protection Agency (EPA) as a fair and objective measure of various air cleaner technologies. Ratings reflect cubic feet per minute of clean air delivered for a typical 3-ton heating and cooling system: the higher the value, the more effective the air cleaner.

- ≡ Reliable
- ≡ Durable
- ≡ Clean Air
- ≡ Comfort Control
- ≡ Efficient
- ≡ First-Rate Warranties



WITH Trane CleanEffects™, YOU GET CLEANER AIR — AND SO MUCH MORE.

Clean Air: Trane CleanEffects removes up to 99.98% of particles and more than 99% of the common flu from the filtered air, giving you cleaner air — and more of it — than any other filtration system on the market.

Reliability: Because we build our products to last and perform, the Trane CleanEffects system has been tested to ensure reliable operation and clean air day after day, year after year.

Efficiency: Trane CleanEffects offers the cleanest air available with efficient operation that doesn't hinder system airflow, which conserves energy.

Total Comfort: Unlike some systems that only clean the air within a small radius of the unit, Trane CleanEffects is designed to clean the air throughout your home for total, clean-air comfort.

Quiet Operation: Many systems make a disturbing "bug zapper" or fan noise when air is being filtered. Trane CleanEffects is engineered to run quietly, making your indoor environment comfortable and peaceful.

Easy Maintenance: For your convenience the Trane CleanEffects pre-filter can be easily removed and vacuumed as needed each month or two. And the

collection cells should be removed for vacuuming or washing every six to nine months, depending on the indoor air quality in your home. Although it's easy to keep your Trane CleanEffects system operating, we recommend a service contract with your independent Trane dealer for top-quality care. As part of the contract, your dealer will come to your home to "tune up" your system before the heating season and then again before the cooling season, to ensure maximum efficiency and performance for you and your family.

Addressing Ozone: Some consumers have expressed concern about the ozone emissions of ionizing air cleaners. It's a valid concern, and one that Trane takes very seriously.

Research has shown that ionizing-type air cleaners emit the highest levels of ozone, while whole-house systems like Trane CleanEffects deliver almost none.

In fact, we designed Trane CleanEffects to fall well below the FDA voluntary emission limit for medical devices. At Trane, we consider safety and quality to be top priorities. So you can rest assured that the clean air delivered by Trane CleanEffects is good for you and good for the environment.

Take advantage of 90 years of quality, durability and performance.

For over 90 years, we've been making products that deliver years of dependable comfort, applying innovative thinking and technology that enhance performance, increase efficiency and make the air your family breathes cleaner. That's because at Trane, it's not just about heating and cooling; it's about making your home a better place for living. You can expect more from Trane.



FOR MORE INFORMATION, VISIT US AT TRANE.COM



TAKE COMFORT IN OUR FIRST-RATE WARRANTIES.

Your investment in Trane CleanEffects™ is well protected with a 10-year limited warranty on the electronics and a 5-year limited warranty on the functional parts. For all coverage options, check with your independent Trane dealer.



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