

CLEANEFFECTS[®]



A patented whole-house air filtration system from the recognized industry leader. Designed from the ground up to clean the air like nothing before, CleanEffects[®] makes the air in your home feel cleaner and fresher than you thought possible.

EFFICIENT

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TRANE
TECHNOLOGIES[®]

TECHNOLOGICALLY ADVANCED CLEANING. AMAZINGLY ENHANCED AIR.



CLEANEFFECTS®

Utilizes patented technology to deliver cleaner air to the whole home by removing up to 99.98% of airborne particles⁴ that pass through the re-usable filter, including 99.9% of the Influenza A (H1N1) virus⁵. Independent testing found that CleanEffects[®] Whole Home Air Cleaner removes more than 99% of the virus particles for a surrogate of the virus that causes Covid-19. This level of filtration makes it up to 100X more effective than a standard 1" filter⁶.

SMALL PARTICLES, LARGE EFFECTS.

Traps particles as small as .3 micron in size.

ZERO OZONE EMISSIONS.

Cleaner air without harmful ozone byproducts so you can breathe easier⁷.

PATENTED INNOVATION.

Up to 100 times more effective than a standard 1" filter.

HIGH EFFICIENCY.

Can reduce your need to dust by up to 50%.

VERIFIED BY HARVARD EXPERTS.

Performance verified by leading experts at the Harvard School of Public Health.

asthma & allergy friendly®

Certified by the Asthma and Allergy Foundation of America. With more than 60 million Americans suffering from asthma and allergies, this certification mark guides consumers in identifying scientifically proven products more suitable for people with asthma and allergies.

²The National Human Activity Pattern Survey (2001) | ³U.S. Environmental Protection Agency. EPA/600/6-87/002a. (1987)

⁴ Based on 3rd party testing of particle removal efficiency down to 0.3 microns (2005)

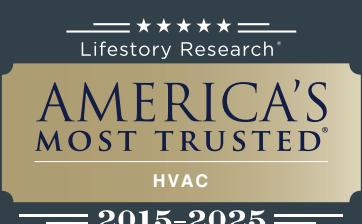
⁵As reported by airmid healthgroup in ASCRO9142v2 (2015) | ⁶Assuming <1% removal rate of 0.3 – 10 micron particles

⁷ Verified Zero Ozone per UL 2998, Intertek certificate #: Z0Z-90113-2022c

**WE FREEZE.
BROIL.
STRESS.
DROP.
SHOCK.
EXPOSE.
LISTEN.**

SEET[®] TESTED

Every Trane system is put through some of the most extreme conditions found in nature in our SEET [System Extreme Environmental Test] lab. Put through five years of severe wear and tear in just a few months, our products can stand up to the harshest environments imaginable.



**AMERICA'S MOST TRUSTED[®]
HVAC BRAND
11 CONSECUTIVE YEARS**

Trane received the highest numerical score in the proprietary Lifestory Research 2015-2025 America's Most Trusted[®] HVAC Brand studies. Study results are based on experiences and perceptions of people surveyed. Your experiences may vary. Visit www.lifestoryresearch.com.



A CLOSER LOOK



Pre-Filter

Captures larger particles and extends the collection cell cleaning interval.

Reusable Collection Cells

Precisely engineered to capture particles down to .1 micron while still remaining easy to clean. Simply vacuum once or twice a year to make them like new.

Field Charger

Charges incoming particles so they adhere to the collection cells. This patented process is what allows CleanEffects to remove up to 99.98% of particles down to .3 micron that pass through it.

Painted Sheet Metal Cabinet

Heavy 18-gauge steel provides attractive and durable protection for electronics and filter components.

Power Door

Provides easy access for cleaning. The front panel displays power indicator and filter status lights. Safety locks power down the system if the door is opened while CleanEffects is on.

TRANE'S REVOLUTIONARY, PATENTED IFD CHARGER DELIVERS POWERFUL CLEANING WITH EFFICIENT AIRFLOW.

Restricted air flow through a clogged filter forces your system to work harder, reducing its lifespan.

Trane CleanEffects uses a powerful, patented ifD corona field to charge incoming air, causing particles to adhere to the CleanEffects collection cells as air passes through. Since your furnace or air handler isn't struggling to work against a clogged filter, clean air flows freely.

The Trane CleanEffects collection element is ground-breaking. Each layer is only 0.08 inches apart, with alternating charges, which makes for a stronger, more effective collection field. What's more, the Trane CleanEffects element has eight times the collection surface (over 50 sq.ft.) of a standard electronic air cleaner, so it's vastly more efficient at providing clean air throughout your home.

CLEAN AIR DELIVERY RATE measures the effectiveness of air cleaning appliances. The higher the clean air delivery rate collect on the media filter, the more effective the unit is at cleaning the room or home of airborne particles and allergens.

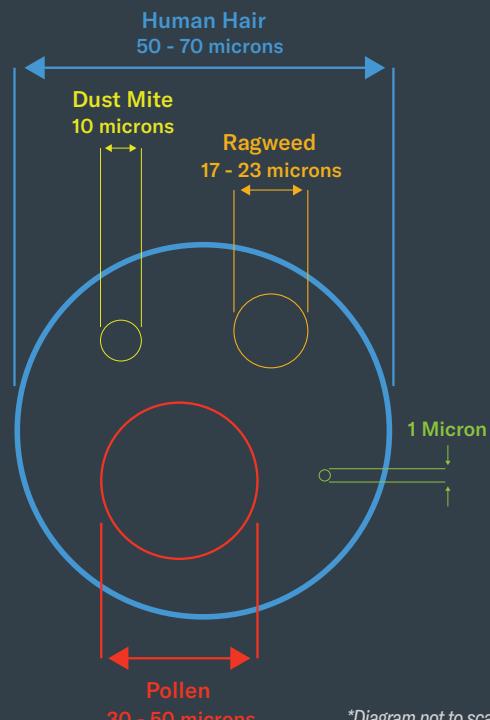
Typical In-room Appliance	Standard 1-inch Filter	Typical Room HEPA Appliance	Whole-House 5-inch Media Filter	Whole-House Electronic Air Cleaner	TRANE CleanEffects
Clean Air Delivery Rate: 10	Clean Air Delivery Rate: 12	Clean Air Delivery Rate: 150	Clean Air Delivery Rate: 240	Clean Air Delivery Rate: 660	Clean Air Delivery Rate: 1,200

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.

*As reported by airmid healthgroup in ASCR092142v2 (2015)

MICRON SIZES & YOUR ALLERGIES.

CleanEffects filtration can help those affected with respiratory distress by reducing "triggers" that cause these attacks. Many common allergens are small enough to bypass the body's natural defenses and embed deep in the lungs, aggravating breathing ailments. Since CleanEffects filters down to .3 microns or 700 times smaller than a human hair, it is extremely effective at removing spores, mold, pollen, pet dander, smoke, dirt and dust, preventing them from entering your air, and your lungs. It even removes 99.9% Influenza A (H1N1) virus.[^]



^{*}Diagram not to scale

TRANE DEALERS ARE AS HARD TO STOP AS A TRANE ITSELF.

Independent Trane dealers take great pride in creating your perfect indoor environment. They are some of the most highly trained professionals in the business—with an extensive understanding of the movement and conditioning of air, and the expertise to advise, install and maintain the right system for your home.

WE ARE COMMITTED TO USING ENVIRONMENTALLY FRIENDLY PRINTING PRACTICES.



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About Trane

Trane – by Trane Technologies (NYSE: TT), a global climate innovator – creates comfortable, energy efficient indoor environments for commercial and residential applications. For more information, visit Trane.com or TraneTechnologies.com

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COMFORT. CONTROL. EFFICIENCY.

Optimize the comfort and efficiency of your home with the Trane Home smart comfort system.

The Trane Home mobile app gives you remote access to your HVAC system through your connected Trane smart thermostat. Adjust your temperature, set your schedule, and view your HVAC usage from anywhere.



Trane Home connects to your Trane HVAC system to provide you with remote control and diagnostics. To view additional integrations and subscriptions, visit our Knowledge Base at Trane.com/residential/home-subscription/

WHY IS INDOOR AIR QUALITY IMPORTANT?

We spend 90% of our time indoors, and 70% of that is in our home² where the air can be up to 5X poorer quality than the air outside³. **To help improve your indoor air, Trane offers a complete portfolio of air filtration equipment for whole home solutions for new and existing units.**



ENERGY RECOVERY VENTILATORS (ERV)

Provide an energy-efficient way to exchange air inside your home with fresh air from outside, removing lingering odors like cooking smells while improving overall air quality.

HUMIDIFIERS

Provide the right amount of moisture to the air throughout your home, adjusting from summer to winter.

Contact your Dealer or visit Trane.com/Residential to learn more.