CLEANEFFECTS®



Asthma & Allergy Friendly®
aafa.org/certified

INTERTEK SUSTAINABILITY
VERIFIED
ZERO OZONE
MEETS UL 2998
DOES NOT EMIT MORE THAN 0.005 PPM AS TESTED PER UL 867

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



Asthma & Allergy Friendly®
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INTERTEK SUSTAINABILITY
VERIFIED ZERO OZONE

CLEANEFFECTS®

TECHNOLOGICALLY ADVANCED CLEANING. AMAZINGLY ENHANCED AIR.

Utilizes patented technology to deliver cleaner air to the whole home by removing up to 98.1% of airborne particles[4] that pass through the re-usable filter, including 99.9% of the Influenza A virus[5] (H1N1). 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 within 30 minutes[6].

SMALL PARTICLES, LARGE EFFECTS.
Filtration of particles smaller than the eye can see:

- 0.3 to 1 micron range = 98.1%
- 1-3 microns = 98.9%
- 3-10 microns = 99.3%

ZERO OZONE EMISSIONS.
Cleaner air without harmful ozone byproducts[7].

REVOLUTIONARY INNOVATION.
Up to 100 times more effective than a standard 1" filter[8].

VERIFIED BY HARVARD EXPERTS.
Independently tested and performance verified by LMS Technologies and Environmental Health & Engineering, Inc. (EH&E)with results reviewed by professors from the Harvard School of Public Health[9].

Asthma & Allergy Friendly®

Certified by the **Asthma & Allergy Friendly®** Certification Program, a collaborative initiative between the Asthma and Allergy Foundation of America and Allergy Standards Ltd. With more than 106 million Americans impacted by asthma and/or allergies, this certification mark guides consumers in identifying scientifically proven products more suitable for people with asthma and allergies.

[4] Based on 3rd party testing of particle removal efficiency down to 0.3 microns (2025) | [5] As reported by airmid healthgroup in ASCR092142v2 (2015) | [6] The CleanEffects® Whole Home Air Cleaner, when used in accordance with manufacturer's directions, is proven to be effective at removing virus particles. Effective removal rate based on independent testing results using MS2 bacteriophage, a bacteria representative of virus-sized particles like SARS-CoV-2 that causes COVID-19. | [7] Verified Zero Ozone per UL 2998, Intertek certificate #: ZOZ-90113-2025c | [8] Assuming <1% removal rate of 0.3 – 10 micron particles [9] Trane CleanEffects® has been performance-tested by LMS Technologies and Environmental Health & Engineering, Inc. (EH&E), with the results verified by professors from the Harvard School of Public Health. EH&E has verified that CleanEffects is highly capable of reducing airborne pollutants and creating a clean, comfortable environment inside your home.



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.

Lifestory Research®
AMERICA'S MOST TRUSTED®
HVAC
2015-2026

AMERICA'S MOST TRUSTED®
HVAC BRAND
12 CONSECUTIVE YEARS

Trane received the highest numerical score in the proprietary Lifestory Research 2015-2026 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 0.3 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 process is what allows CleanEffects to remove particles as small as 0.3 microns that pass through it.



Painted Sheet Metal Cabinet

Heavy 18-guage 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, 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, 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 is Certified **Asthma & Allergy Friendly®** because it has been independently tested and shown to reduce allergens in the indoor air.

CleanEffects filters particles as small as 0.3 microns, approximately 150 to 250 times smaller than the width of a human hair. This allows it to capture common airborne particles such as mold spores, pollen, pet dander, smoke, dirt and dust, helping to reduce their presence in your home's air.

In laboratory testing, CleanEffects also removed 99.9% of Influenza A (H1N1) virus particles.

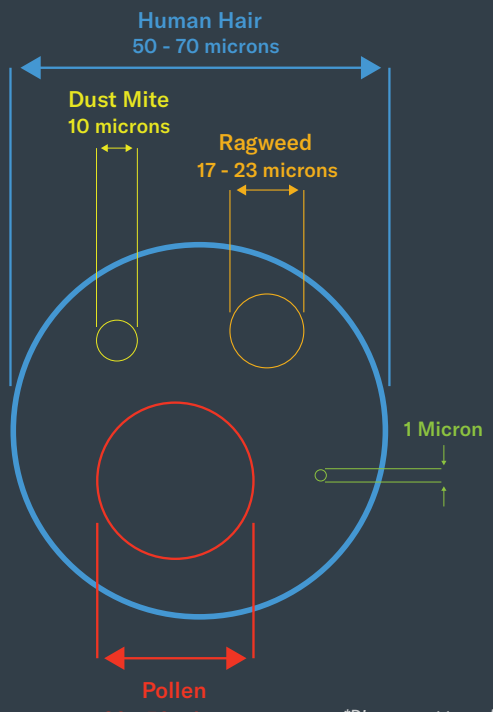

*Diagram not to scale



THE CENTER OF HOME COMFORT

Elevate your environment and experience a new level of home comfort with a Trane Smart Thermostat

Custom Comfort

A connected HVAC system is the foundation of a comfortable home. Trane's offerings are designed with each homeowner's unique lifestyle in mind, prioritizing flexibility and personalization so they can enjoy home comfort on their terms.

Seamless Connections

Trane's smart comfort systems are engineered to integrate effortlessly into a home and homeowners' daily lives. Easy to install, use and connect to Trane systems or other smart devices, a smart HVAC system enables unparalleled convenience and control.

Proactive Diagnostics

Trane's smart diagnostics, enabled by any Trane smart thermostat, allow dealers and technicians to predict and prevent issues before they arise. These proactive capabilities ease the maintenance process for homeowners, allowing them to focus on what matters to them most.

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 recommend, install and maintain the right system for your home.

TRANE

It's Hard To Stop A Trane.®

Home™ **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.

SCAN ME

Download on the App Store

GET IT ON Google Play

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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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WE ARE COMMITTED TO USING ENVIRONMENTALLY FRIENDLY PRINTING PRACTICES.