



It's Hard To Stop A Trane.

INDOOR AIR QUALITY

72-1313-06

# INDOOR AIR QUALITY



The quality of your air is just as important as the temperature. Trane's line of humidifiers, dehumidifiers, ventilators and filters makes your home's air cleaner and fresher, reducing exposure to viruses and asthma and allergy triggers.








©2020 TRANE. ALL RIGHTS RESERVED.

**Envirowise**  
INDOOR AIR SYSTEMS

**TRANE**  
TECHNOLOGIES

# A WHOLE LOT OF FRESH.

Trane's line of indoor air quality products works together to freshen, clean, and optimize the humidity levels of your air.

<p><b>HUMIDIFIERS &amp; DEHUMIDIFIERS</b> Keep air at the proper humidity level.</p> <p><b>GOOD FOR:</b></p> <ul style="list-style-type: none"> <li>✓ Hydrating skin</li> <li>✓ Protecting furniture and floors</li> <li>✓ Limiting bacteria, mold and viruses</li> </ul>	<p><b>Evaporative Humidifiers</b></p>  <p>HUMIDIFIER</p>	<p><b>Steam Humidifier</b></p>  <p>HUMIDIFIER</p>	<p><b>Envirowise 70V Dehumidifier</b></p>  <p>DEHUMIDIFIER</p>
<p><b>VENTILATORS</b> Circulate fresh air into your home.</p> <p><b>GOOD FOR:</b></p> <ul style="list-style-type: none"> <li>✓ Year-round fresh air</li> <li>✓ Removing indoor air pollutants</li> </ul>	<p><b>Envirowise FreshEffects™</b></p>  <p>VENTILATOR</p>		<p><b>QF130V Ventilator</b></p>  <p>VENTILATOR</p>
<p><b>FILTERS</b> Cleaner air can limit your exposure to certain viruses and asthma- and allergy-causing particles.</p> <p><b>GOOD FOR:</b></p> <ul style="list-style-type: none"> <li>✓ Pet owners</li> <li>✓ Removing dust, mold, pet dander and more</li> </ul>	<p><b>Quickbox™</b></p>  <p>FILTER</p>	<p><b>Slimfit Filter Rack</b></p>  <p>FILTER</p>	

**WE FREEZE.  
BROIL.  
STRESS.  
DROP.  
SHOCK.  
EXPOSE.  
LISTEN.  
AND TAKE THEM  
HOME WITH US.**

## SEET™ TESTED

Every Trane system is put through some of the most extreme conditions found in nature in our SEET™ [Systems 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  
6 CONSECUTIVE YEARS<sup>1</sup>**



**MOST RELIABLE HEATING AND COOLING  
EQUIPMENT BRAND<sup>2</sup>**

<sup>1</sup>Trane was named America's Most Trusted HVAC brand/system by Lifestory Research, a national research firm, based on a 2019 study of 11,000 consumers actively shopping or considering a product as compared with peer organizations of like size and complexity. Trane has received the highest numerical score for years 2015, 2016, 2017, 2018, 2019 & 2020. Your experiences may vary. Visit [lifestoryresearch.com](http://lifestoryresearch.com)

<sup>2</sup>Trane Technologies Marketing Insights. Trane Brand Consumer Survey. July 2020.

**WE'RE NOT  
THE ONLY  
ONES  
TALKING  
ABOUT  
TRANE'S  
RELIABILITY.**





EHUMD800, EHUMD500,  
EHUMD300, EHUMD200

## HUMIDIFIERS

An Envirowise humidifier provides the right amount of moisture in every room. Having the correct humidity can help alleviate dry skin and allergy symptoms and protect valuables such as furniture, paintings and woodwork.

- ✓ Eliminates need for portable appliances
- ✓ Capacity output up to 18 gallons per day
- ✓ Works with all furnace models
- ✓ Automatic control
- ✓ For homes up to 4,200 sq. ft.

## WHAT IS RELATIVE HUMIDITY? HOW DOES IT IMPACT MY HOME?

When temperatures drop and you run your heater, the humidity in your home can drop to uncomfortable levels. Our humidifier systems help maintain proper moisture levels—no matter what it's doing outside.



	Power	Large Bypass	Small Bypass
Flow-Through Design	✓	✓	✓
Built-In Fan	✓		
Durable, Rust-Resistant Housing	✓	✓	✓
Replaceable Pad	✓	✓	✓
Bypass Damper		✓	✓
Controlled Moisture Distribution	✓	✓	✓
Automatic Control	✓	✓	
Manual Control			✓
Outdoor Sensor Option	✓	✓	
Evaporative Capacity (gallons per day)	18	16.8	12
Warranty Protection	Five-Year Limited Warranty On Functional Parts With Registration*		

## WARRANTY

\* Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at [Envirowise.com](http://Envirowise.com) or by phone at 800-554-6413, otherwise Envirowise's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on [Envirowise.com](http://Envirowise.com)



## STEAM HUMIDIFIER

The Envirowise Steam Humidifier is the ultimate solution in providing the correct amount of indoor moisture in all climates with all types of heating systems. This unit operates independently of the heating system to provide the desired indoor moisture level at all times.

- ✓ Fully insulated door
- ✓ Easy-to-open latches
- ✓ Inside cabinet insulation to prevent condensation on filter
- ✓ Low-profile painted cabinet

*EHUMD800, EHUMD800LC^*

^120V application for low conductivity water

## TOTAL HOME HUMIDITY CONTROL.

Your indoor air may be clean and at the perfect temperature, but without the proper humidity levels, it's not as comfortable as it could be. During the winter months or in dry climates, an Envirowise total home humidifier restores moisture levels to your home's air—increasing your comfort while protecting your family's health and belongings.



**Electrode Type Steam Canister**  
Providing fast, easy, low-cost maintenance.\*

**Varying Capacities In Both Units**  
Satisfy any application from 11.5 gallons per day to 34.6 gallons per day.

**Automatic Shut Down**  
After 72 hours of inactivity, unit will drain to eliminate standing water.

**Easy Mounting Flexibility**  
Can work with your existing ductwork or can be remotely mounted.

**Humidity "On Demand"**  
Uses your current system blower to distribute humidified air throughout your home without a call for heating from your furnace or heat pump.

**Five-Year Standard Warranty**  
Includes all functional parts. Extended warranty available.

**All-Inclusive Package**  
Means there is nothing else to purchase. Includes manual humidistat and blower relay. Nexia-enabled control is optional.

\*Replace once a year



EDHUM0981H1MDAA, EDHUM1051H1MDAA, EDHUM1551H1MDAA, EDHUM2051H1MDAA

## WHOLE HOME DEHUMIDIFIER

Envirowise dehumidifiers are perfect for solving high-humidity issues in homes with single-stage HVAC equipment and high-performance homes with tight or foam insulation.

- ✓ Optional ventilation capability to meet ASHRAE 62.2 Ventilation requirements
- ✓ MERV 11 filter for improved indoor air quality
- ✓ Recommended for homes in humid climates with single stage equipment

The Envirowise 70V Dry Ventilating Dehumidifier can be used with 100% ventilation air to dehumidify the air before it enters your home, or as a ducted or standalone dehumidifier. No matter how it's installed, you can improve your indoor comfort without wasting energy on unneeded air conditioning. The compact design fits in tight, low-clearance spaces such as closets, crawl spaces, basements or attics. All you need is a 120V plug outlet and an adequate drain.



## INLINE VENTILATOR

Trane's Inline Ventilator offers a cost-effective mechanical fresh air solution that controls humidity and temperature. It allows for adjustable airflow to meet the ventilation requirements for homes up to 3,500 sq. ft.

- ✓ Quick and easy installation with no balancing dampers required
- ✓ 24V relay included, providing flexibility to control the unit from a wall-mounted thermostat

**62.2 Compliant Ventilation**  
With adjustable airflow from 30 to 130 cfm to meet ventilation codes for all size homes.

**Full ECM Motor**  
With Intelligent Logic Controller. Quiet motor means no noise objections.



### Supply In-Line Ventilation

Positively pressurizes home and helps to mitigate uncontrolled infiltration. Can be interlocked with system fan for even whole home air distribution.

### MERV 8 Filter

Included for improved indoor air quality. Optional heater available for extreme cold climates.

### On-board LCD "Logic" Controller

Allows for customized set-up depending on climate conditions. High/low temp and high humidity lock out options with timed sampling to ensure minimum ventilation without excessive energy use.



# ENERGY RECOVERY VENTILATOR

Envirowise FreshEffects removes stale indoor air and brings in fresh, preconditioned outdoor air, so the air in your home is continually renewed. Not only that, it also reduces odors, chemical vapors and naturally occurring gases that can become trapped in tightly sealed homes.

Envirowise FreshEffects boasts **quiet operation** and an **industry-leading warranty**.



- ✓ Constantly delivers fresh air while removing stale indoor air regardless of HVAC system operation
- ✓ IAQ filter included
- ✓ Ideal for homes with children
- ✓ Three sizes to fit all homes up to 4,500 sq. ft.

## A CLOSER LOOK

### Flexible Mounting

Enables easy installation in the attic, garage or basement, in virtually any position with minimal retrofitting required.

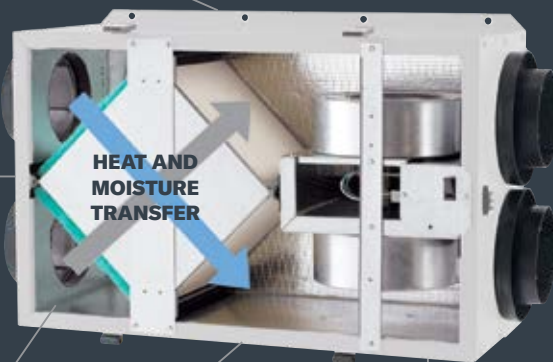
### High-Efficiency Crossflow Energy Transfer Core

Recovers heat and moisture from the outgoing air during cold weather. During hot, humid weather, it pre-cools and dehumidifies incoming air.

### Slide-Out Filter

Allows easy access for quick cleaning using an ordinary household vacuum cleaner.

Outdoor Air  
Stale Indoor Air



Stale Air Sent Outdoors

Fresh Air Sent Indoors

### Powder-Painted Cabinet

Smooth, durable, high-gloss appliance-like finish.

### High-Performance Motor

Engineered with permanently lubricated bearings for low maintenance and longer motor life.



### Adjustable Control

Provides automatic timed ventilation, plus manual control for more ventilation if needed. Press the fan icon on the FreshEffects control to adjust runtime percentage per hour. May also be controlled with Nexia™-enabled connected controls.

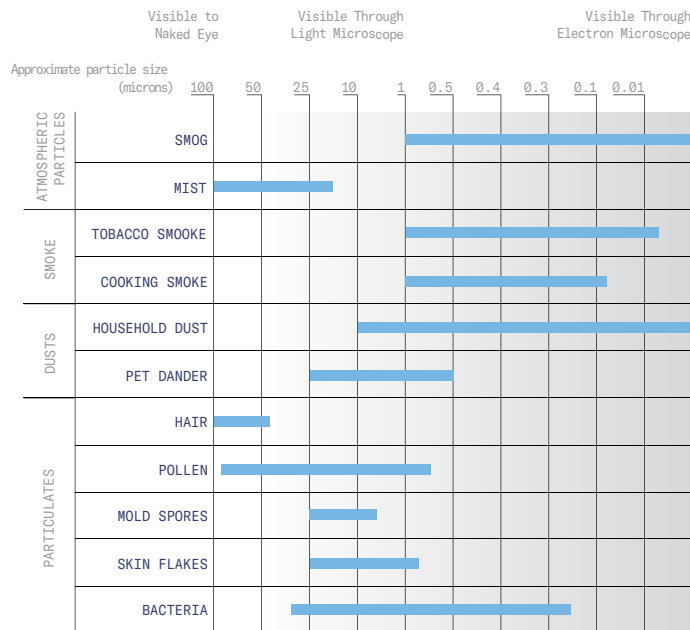


## QUICKBOX™

Today's homes are built to be more energy efficient than ever, but the EPA reports these airtight designs can cause indoor air to be 5x as polluted as the outdoor air. Envirowise Media Filters help keep your air free from potentially harmful contaminants and protect your equipment investment by keeping motors and coils clean from energy-robbing dust and particulates.

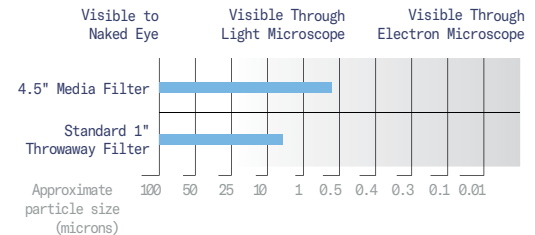
- ✓ Uses a synthetic fiber 4.5" media filter
- ✓ Up to 25 times more effective than a disposable 1" filter
- ✓ Easily replaceable
- ✓ Filters 100% of the air without reducing airflow efficiency
- ✓ Great for allergies and pet dander

### Common Household Air Contaminants



A Trane Perfect Fit™ air filter can reduce the number of these common contaminants, keeping them from circulating in your home and in your family's lungs.

### Effective Operating Range



*Envirowise Media Filters are economical and effective at reducing a wide variety of indoor air contaminants.*

*Quikbox™ media filters fit all previous Perfect Fit Cabinets.*

## ADD-ON COMPONENT: SLIMFIT FILTER RACK

The SlimFit Filter Rack comes in made-to-fit sizes for Trane TEM Air Handlers and S-Series furnaces. The benefits include:

- ✓ Hinged front door for easy filter replacement
- ✓ The MERV 4 rated pleated filter captures allergens and pet dander between 3 and 10 microns, protects your equipment, and lasts up to 90 days
- ✓ Heavy gauge, painted steel cabinet with 2" depth
- ✓ Accommodates off-the-shelf retail filters



# 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.



## RUN YOUR HOME FROM WHEREVER LIFE TAKES YOU.

Nexia® allows you to manage your home remotely using most web-enabled mobile devices<sup>1</sup>. **With just the touch of a button, you can unlock a door, turn on lights, or adjust your heating & cooling from a distance to save you energy.** Simply put, Nexia gives you home automation in the most simple and accessible way. The result? You can connect with your home, even when you're not at home.



<sup>1</sup>Nexia Remote Climate Access is included with the purchase of a connected control. Adding accessories to your Nexia system requires a monthly subscription for remote access via most web-enabled smartphones and computers.

## WHY IS INDOOR AIR QUALITY IMPORTANT?

We spend 90% of our time indoors, and 70% of that is in our home<sup>2</sup> where the air can be up to 5X poorer quality than the air outside<sup>3</sup>. **To help improve your indoor air, Trane offers a complete portfolio of air filtration equipment for whole home solutions for new and existing units.**



## TRANE CLEANEFFECTS® AIR CLEANER

Utilizes patented technology to deliver cleaner air to the whole home by removing up to 99.98% of airborne particles<sup>4</sup> that pass through the re-usable filter, including 99.9% of the Influenza A (H1N1) virus<sup>5</sup>. This level of filtration makes it up to 100X more effective than a standard 1" filter<sup>6</sup>. Plus, it's the **ONLY** whole-home electronic air cleaner that is certified **asthma & allergy friendly**<sup>7</sup> by the Asthma & Allergy Foundation of America.

Contact your Dealer or visit [Trane.com/Residential](http://Trane.com/Residential) to learn more.

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

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

<sup>5</sup>As reported by airmid healthgroup in ASCR092142v2 (2015) | <sup>6</sup>Assuming <1% removal rate of 0.3-10 micron particles



It's Hard To Stop A Trane.®

All trademarks referenced are the trademarks of their respective owners.

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](http://Trane.com) or [TraneTechnologies.com](http://TraneTechnologies.com)

© 2020 TRANE. ALL RIGHTS RESERVED. 72-1313-06 11/20