



WHAT'S INSIDE MATTERS®



PROVIDING INDOOR AIR QUALITY

**AND WORRY-FREE PERFORMANCE**

INDOOR AIR QUALITY PRODUCTS



ELECTRONIC AIR CLEANERS ▪ ZONING ▪ HUMIDIFIERS ▪ ULTRA VIOLET AIR PURIFIERS



## CLEANER AIR FOR A HEALTHIER HOME

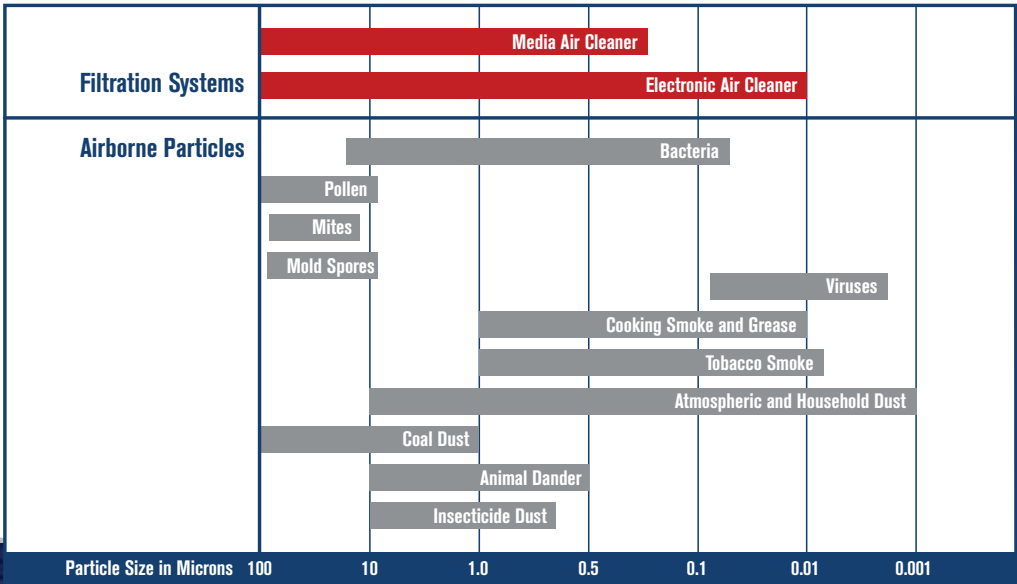
The air we breathe can affect our health, comfort and productivity. Our well-insulated homes circulate pollen, mold, fungi, bacteria, viruses, dust and mites. And, we add to the problem with tobacco, wood and cooking smoke, pet dander, insecticides, emissions from personal care products, household cleaners and more.

In fact, we inhale about 50,000 of these particles with every breath, and the average person takes 20,000 breaths every day! The cumulative effect of these

pollutants can pose a health risk, especially for the young, elderly and chronically ill.

Whether the effects are short or long ranging, they can include symptoms like irritation of the eyes, nose and throat, headaches, dizziness, fatigue, tightness of the chest, shortness of breath and even colds or flu.

These contaminants also cause damage to walls, ceilings, upholstery, window coverings, electronics as well as other fixtures and furnishings.



## DUAL AIR CLEANING SYSTEM

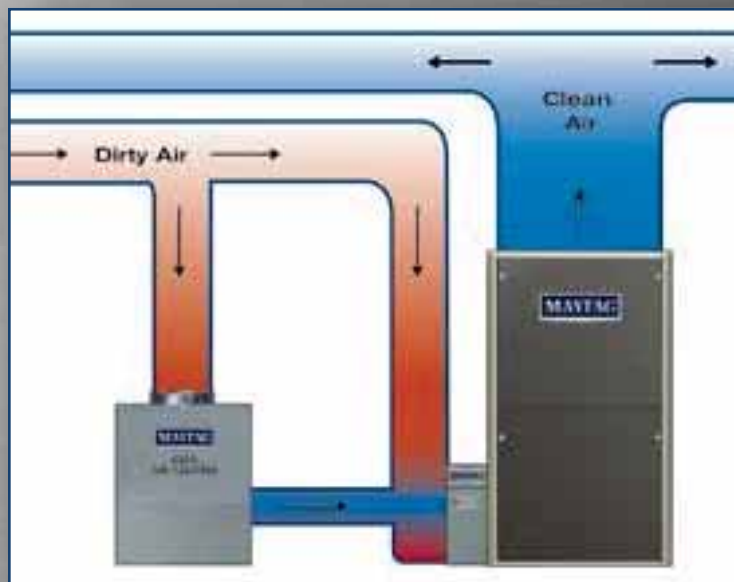
For the ultimate clean air combination, combine an Electronic or Media Air Cleaner with the HEPA system.



## WHOLE-HOUSE HEPA AIR CLEANER

Finally, the most powerful HEPA (High-Efficiency Particulate Air) air cleaners are available for your whole home. These are similar to the HEPA filters used for clean rooms and hospitals. The Maytag® HEPA Air Cleaner connects to the return air duct and uses a three-stage filtration system.

As millions of airborne elements and gases travel through your heating and cooling system four to five times every hour, the Maytag® HEPA Air Cleaner effectively filters 1/3 to 1/2 of this dirty air through its system. Your home can reach as many as 67 whole-house air changes per day depending on its size and the air cleaner model.



## 1-INCH ELECTRONIC AIR CLEANER

Improve indoor air filtration with an electronic air cleaner that can remove 95% of household allergens, such as dust mites, pollen and smoke.

## ELECTRONIC AIR CLEANER

The Maytag® Electronic Air Cleaner uses an environmentally friendly, lifetime filter system that never needs replacing. It removes lung-damaging pollutants as small as 0.01 micron (1/2,540,000 of an inch).

Households with pets, or noticeable cooking or tobacco odors will experience a dramatic difference in air quality. The Maytag® Electronic Air Cleaner protects and prolongs operating efficiency of heating and cooling equipment. Your indoor air quality will be fresher and more comfortable, year round. Plus, it simply washes clean, so you save money.

## MEDIA RETROFIT AIR CLEANER

This charged-media air cleaner uses a new technology in air filtration that yields a higher initial efficiency that it maintains over the life of the filter. It protects furniture and décor from staining dirt particles and prolongs the life of your heating and cooling equipment.



# THE MAYTAG® ZONING SYSTEM

## CREATING MORE EFFICIENT COMFORT



### CREATE YOUR OWN CUSTOM COMFORT ZONES

The Maytag® Zoning System utilizes a programmable thermostat to control each zone's damper. The settings are adjusted to reflect the activity levels at any time of the day throughout the house. Programming your entire home's heating and cooling helps you save as much as 30% on utility costs.

Rather than using one thermostat to heat or cool an entire house, living spaces are divided into separate comfort zones. You can either create individual or grouped-room zones with a thermostat to set and monitor the ideal temperature for the most comfort.

A properly zoned system allows you to use smaller-capacity equipment in new installations for even

greater savings without compromising comfort.

The Maytag® Zoning System includes a series of dampers independently opened and closed within existing ductwork using a programmable control panel. Our system allows you to customize comfort settings to handle up to ten zones. Airflow can then be selectively channeled where it's needed depending on changing climate conditions or activities during the course of a day.

For example, the upstairs of a house is programmed for less heat than the downstairs during winter months. In the summer, these areas are zoned to compensate for uncomfortable temperature variations.



# MAYTAG® ZONING SYSTEM

## RELIABLE COMFORT IN EVERY ROOM

### ZONING COMFORT TECHNOLOGY

Just like a Maytag® heating and cooling system, the Maytag® Zoning System is designed to bring years of comfort to your home. It reduces hot and cold spots throughout your home for a consistent temperature in each room. A single thermostat is challenged with homes featuring a great room with an adjoining kitchen, dining room and family room; a wall of windows with either southern sun or northern wind exposure; high ceilings; or single-story homes with long ductwork.

Changing floor plans, such as finished basements, solariums and room additions, change the comfort system requirements of your home. The Maytag® Zoning System helps your home maintain more affordable and efficient temperature levels.

### UNIQUE DAMPER DESIGN

Unlike conventional zoning systems, which rely on integrated sensors, reconfigured ductwork and motorized mechanical dampers, the Maytag® Zoning

System features a unique, air-actuated damper design with fewer moving parts for a longer, worry-free service life. This simplicity also allows for easier installation in any home, which eliminates the need for extensive retrofit modifications.

### FLOOR PLAN CHALLENGES - NO PROBLEM

Aside from the obvious benefits of controlling temperature swings between upstairs and downstairs, zoning can also remedy a host of other problematic scenarios. Vaulted ceilings, great rooms with connected kitchen and dining spaces, expanses of glass windows exposed to the sun from the south and/or winds from the north, sprawling ranches with hard-to-reach rooms and extended duct runs from centralized heating and cooling sources—all are challenges that no single thermostat can adequately meet.

### PROGRAMMABLE THERMOSTATS

Because each zone's dampers are controlled by a dedicated thermostat, the ideal system should use digital thermostats that are programmable. Settings can then be adjusted to coincide with activity levels at any time of day throughout the house. In fact, significant savings can be realized by only conditioning selected areas according to need.

Once you retire to bed, when you are away to work or school, or on vacation, requirements for heating or cooling are minimized altogether.



# ULTRA VIOLET AIR PURIFIERS

## DUCT MOUNT AND GERM KILLING TUBE



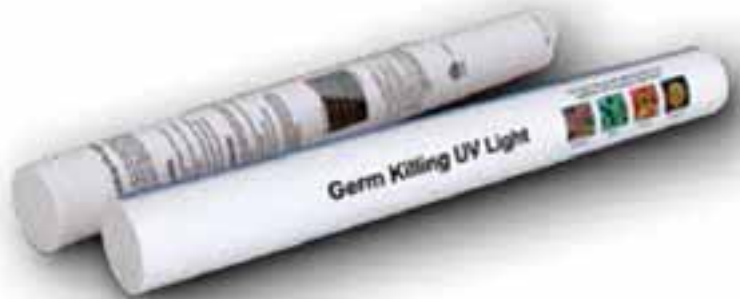
**M**aytag® Duct Mount Ultra Violet Air Purifiers clean the air by combining UVC light and activated carbon; two technologies proven to be most effective at killing germs and removing odors by reducing chemical vapors known as volatile organic compounds (VOCs). Some of them, like formaldehyde and toluene, are known to be toxic.

### THE SCIENCE OF THE MAYTAG® DUCT MOUNT ULTRA VIOLET AIR PURIFIER

It detoxes the air with a process called photocatalytic oxidation (a technology similar to the catalytic converter on your car's exhaust). The UV light reacts with titanium dioxide infused into the carbon, which effectively disintegrates the captured contaminants, leaving only harmless water vapor and CO<sub>2</sub> which are released back into the air. This process leaves the carbon cells clean so they never fill up or need to be replaced. The result is clean, odor-free air throughout the home.

### MAYTAG® GERM KILLING UV LIGHT TUBE

The simple and complete choice in UV light for all residential applications. Everything you need is in the tube! Just connect to a power source and install the UV light where needed. The Germ-Killing UV Light Tube is one of the most popular Germicidal UV Light systems in the world because of its reliability, ease of installation and many innovative features.





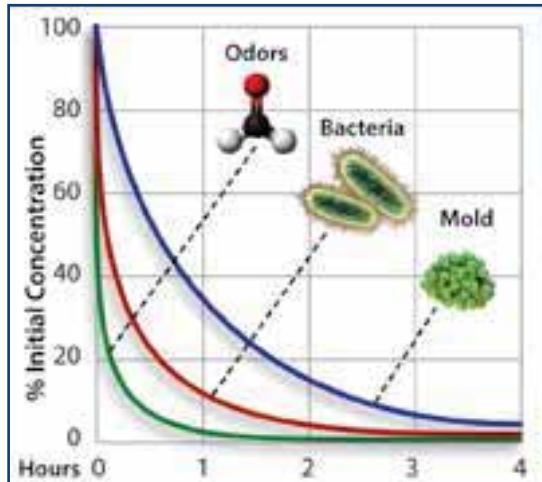
## GERMS IN THE AIR YOU BREATHE

Most people don't realize that indoor air is often far more polluted than outdoor air. Contaminants can include viruses, bacteria, mold, mildew and allergens. Some are only annoying, while others can make you sick. Because air passes repeatedly through your HVAC system (in fact many microbes

like the cool dark damp interior of the system) this is the ideal place for germs to multiply and spread throughout the house.

Scientific studies show UV light can kill 90% of microbes within 10 minutes. After 24 hours 99.9% are killed.

### % Reduction of Common Indoor Air Contaminants Over 4 Hours.



Tests performed by certified laboratories prove the effectiveness of Ultra Violet Air Purifiers.



Bacteria



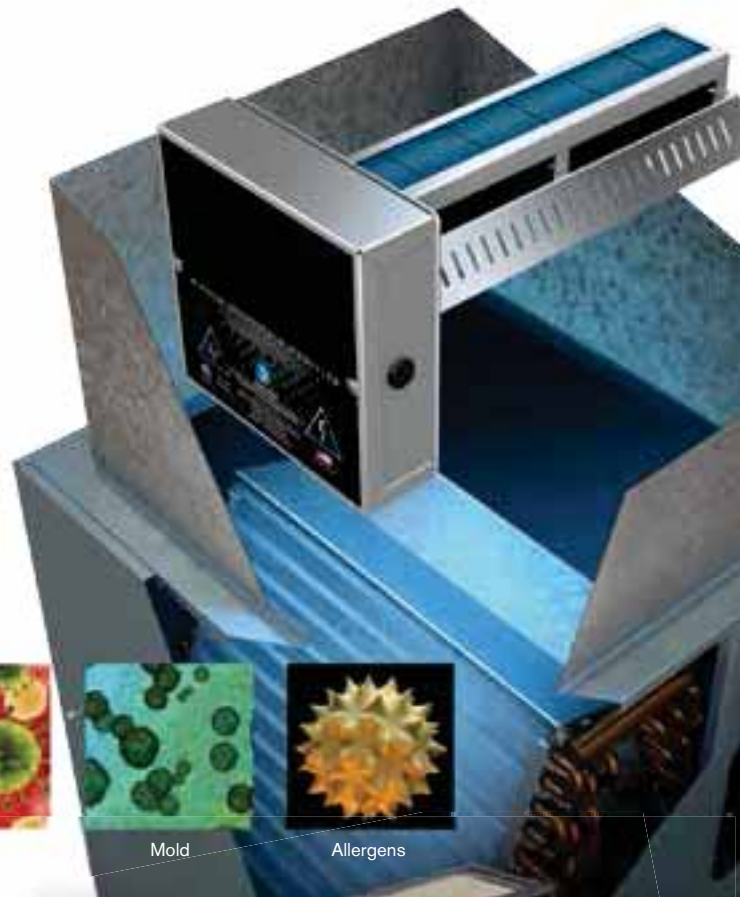
Viruses



Mold



Allergens



## THE SOLUTION FOR INDOOR AIR POLLUTION

According to the EPA, indoor levels of pollutants may be 2 to 5 times – and occasionally more than 100 times – higher than outdoor pollutant levels. Indoor air pollutants have been ranked among the top five environmental risks to public health.

**Respiratory Health.** Air purification technology is designed to reduce the types of airborne contaminants known to contribute to indoor air related respiratory problems. Because air quality is a major factor in respiratory health, improvements to indoor air quality will enhance your quality of life.





# WHOLE-HOUSE HUMIDIFIERS

## BYPASS AND POWER HUMIDIFYING PRODUCTS



**T**he recommended indoor relative humidity is three to four times higher than the humidity in an average home during the winter. If you're not reaching the recommended levels in your home, you could be exposing yourself and your family to the physical aggravations of dry air. In fact, doctors often mention dry air as one of the causes of nose, throat and skin discomfort.

Heated air that is not humidified dries out the wood in your home, causing wood framing around doors and windows to shrink. This creates gaps, which allow cold air into exposed areas, making your home less

energy efficient. Dry air also causes wood floors and trim to separate, and walls and ceilings to crack. It can weaken joints in wooden furniture and damage electronic equipment, such as computers.

### DESIGNED TO WORK WITH YOUR HEATING AND COOLING SYSTEM

Installing a humidifier helps eliminate dry air throughout the entire home. Indoor humidity helps prevent dry noses, throats and itchy skin; it also reduces static electricity.

### INNOVATION AND STYLE

Maytag® Humidifiers are constructed of glass-filled, polyester thermoset material.

### SMART TECHNOLOGY

Maytag® Humidifiers are controlled with a manual humidistat to easily adjust indoor humidity levels.





# MAYTAG® COMFORT SYSTEM

## FOR TOTAL HOME COMFORT

### DESIGNED TO WORK WITH YOUR HEATING AND COOLING SYSTEM

Maytag® accessories make up only part of the comfort system that affects your air quality and energy savings. Maytag offers a complete line of system components that can improve indoor air quality and help ensure the performance of your system.

Maytag delivers more than just better indoor comfort. You should also feel comfortable about investing in products that will perform when you need them most.

**A AIR CONDITIONER OR HEAT PUMP**

**B FURNACE AND/OR AIR HANDLER**

**C ELECTRONIC AIR CLEANER**

**D HEPA AIR CLEANER**

**E ULTRA-VIOLET AIR PURIFIER**

**F HUMIDIFIER**

**G INDOOR COIL**

**H ZONE CONTROL PANEL**

**I PROGRAMMABLE THERMOSTATS**



# ALLERGIC REACTIONS TO MOLD ARE COMMON

## MOLD FACTS

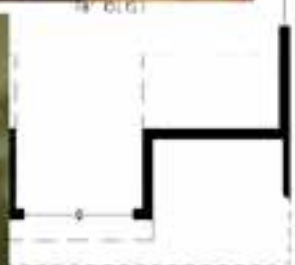
Allergic reactions can be immediate or delayed, adversely affecting human health through three processes: 1) Allergy, 2) Infection and 3) Toxicity.

Molds produce allergens, releasing potentially toxic substances into the air called mycotoxins. Most molds, fungi and yeasts produce microscopic spores that spread easily throughout the air, wafting continually.

Many people are very sensitive to molds with exposure resulting in nasal stuffiness, eye irritation,

wheezing, skin irritation, shortness of breath, fever and even infection. More than 50 percent of people are sensitive to one of 10 common allergens. Some research suggests that up to 90 percent of all colds and viruses are caught indoors. Biological pollutants including molds, bacteria and virus promote poor indoor air quality.

Information taken from Centers For Disease Control, American Lung Association, American Industrial Hygiene Association, Environmental Protection Agency, Minnesota Department of Health EPA.







## PEACE OF MIND

This Maytag® series of products offer a 12-Year Worry-Free Limited Warranty on parts when installed and registered with a Maytag® heating or cooling system.\*

Maytag® Ultra Violet Air Purifiers also come with a 5-year, satisfaction-guaranteed warranty.

\*Applicable to the original owner.



Ask your select Maytag® heating and cooling contractor or visit us at [www.maytaghvac.com](http://www.maytaghvac.com) for warranty details.



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