



BREATHE EASIER

INDOOR AIR QUALITY PRODUCTS



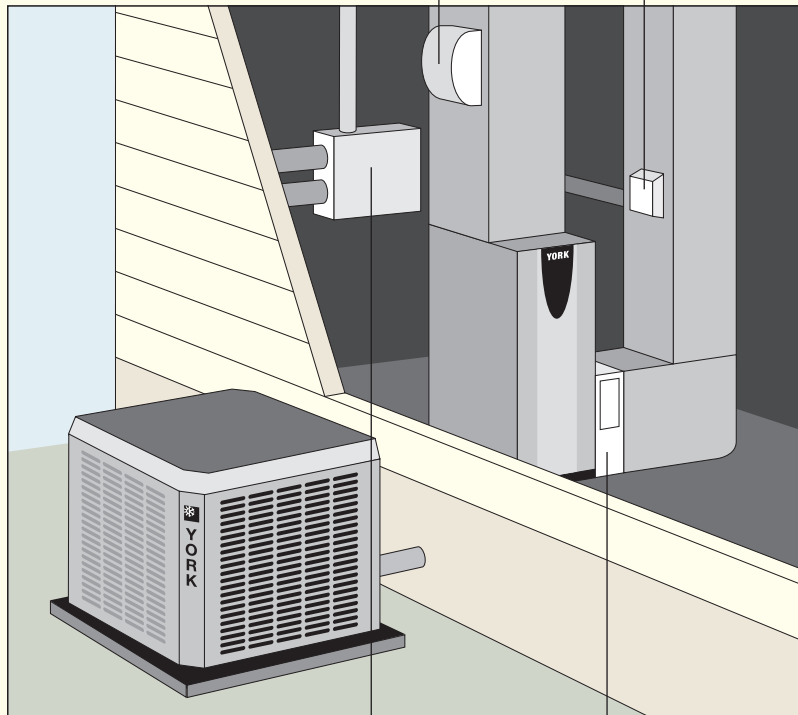
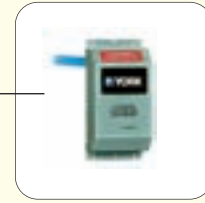
*At York®, we know genuine comfort comes from peace of mind. So you want your home to be efficient, cozy and filled with clean, clear, fresh air every day of the year. In fact, indoor air quality isn't merely a matter of comfort. It can be a family health issue. That's why we offer a full range of ways to improve your home's air quality. From humidifiers to ventilation systems and air cleaners and more, York's Total Comfort System® approach gives you the options that are right for your home and your family. With York and the help of your York Dealer, you have everything you need to keep your air clean, your home comfortable and your utilities under control.*



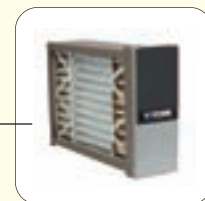
**Humidifier**  
Bypass, power or steam



**UV Air Purifier**



**Ventilator**  
ERV & HRV



**Air Cleaner**  
Opti-Fiber Media or HEPA Filter

## AIR CLEANERS

### *Take control of your comfort and your health.*

*Now you can be sure your home's air is clear of dust, pollen, fungi, smoke and other particles too small to see. It's easy with York's HEPA, Electronic and Media Air Cleaners. These cleaners provide stepped-up filtration, more effective than your furnace or air conditioner alone. In fact, these cleaners can remove up to 94 percent of the particles that pass through your home's system. And since these pollutants can build up as film on walls and furniture, this is performance you'll feel and see.*

#### **Where do the pollutants come from?**

These tiny creatures and particles occur naturally. When they infiltrate your home and multiply unchecked, that's when the trouble starts. Homes today are built much "tighter," so less fresh air enters and the concentration of pollutants in the air inside the home rises dramatically. In fact, the Environmental Protection Agency (EPA) estimates that indoor air pollution is several times greater than outdoor air pollution.



**Dust Mites**



**Pollen**



**Animal Dander**

## MERV 10 AIR CLEANERS

#### **MERV 10 Opti-Fiber Media**

- A highly efficient depth loading filter media that captures particulates deep within the layers of media fibers
- The Opti-Fiber Media delivers a Minimum Efficiency Reporting Value (MERV) 10 with low performance pressure drop.
- The spun bonded fibers are free of any chemical binders and are hydrophobic (do not absorb moisture).
- With a high initial efficiency, the Opti-Fiber Media resists shredding for reliable and dependable dust-fighting capabilities.
- Available in 16" x 25" or 20" x 25" cabinet with a 5" deep mediacore

#### **The preferred dust fighter for indoor air quality**

- Aggressive Opti-Fiber Media meets MERV 10 test standard ANSI / ASHRAE 52-2-1999
- Air cleaners with Opti-Fiber Media efficiently remove airborne microscopic particulates at 61.8 percent minimum average efficiency at 1.0 to 3.0 microns.
- 5-year cabinet warranty





# AIR CLEANERS

## MERV 11 AIR CLEANERS

### MERV 11 Opti-Fiber Media

- The most efficient holding capacity among other residential air cleaners, the MAC11162506 removes pollen, mold, dust, animal dander, grease, soot, and tobacco smoke for cleaner, fresher air in your home.
- 97 percent efficient by weight of airborne particles ranging as low as 0.01 microns
- The MERV 11 no-tear microfiber expandable media is strung for easy media replacement. The very low pressure drop media characteristics allow for better heating and cooling equipment operation.
- The efficient media design extends filtration effectiveness. The microfiber media replacement interval is every 12 months, versus cartridge media filters required at 6 months.
- Available in a 17" x 28" cabinet with a 10" deep mediacore

### The preferred dust fighter for indoor air quality

- The highly efficient, microfiber expandable media meets MERV 11 test standard ANSI / ASHRAE 52.2-1999.
- York Air Cleaners with microfiber expandable media efficiently remove airborne microscopic particulates at 75 percent minimum average efficiency down to 0.01 microns.
- 10-year cabinet warranty

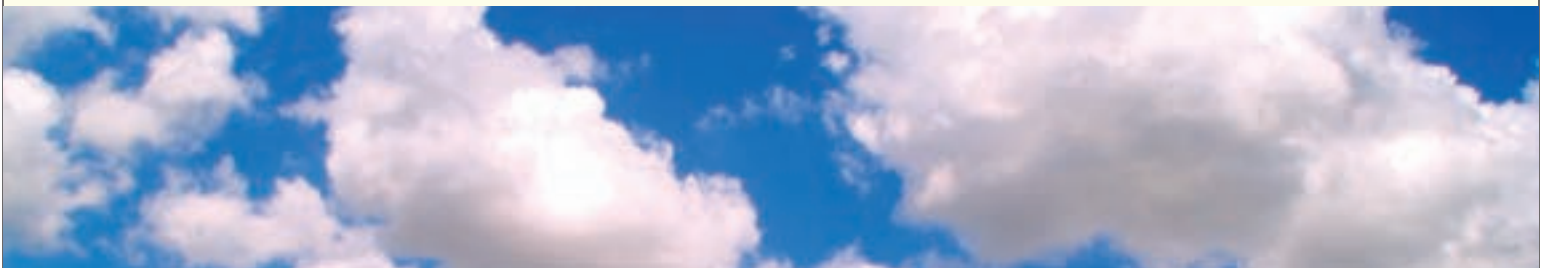


## HEPA AIR CLEANERS

### Why a HEPA Filter?

HEPA (high efficiency particulate arrestance) filters are used in hospitals because they are considered the best filters on the market today. A filter must collect 99.97 percent of a specific particulate that measures 0.30 microns in a test established by the Institute of Environmental Sciences in order to receive the HEPA filter designation. However, the HEPA filter can capture 100 percent of all particulate sizes ranging from >100 microns down to 0.01 microns. The York Air Cleaner delivers the relief you have hoped for and expect.

The York HEPA filter is designed to be directly mounted on the return air duct or may be mounted remotely with an optional kit. Our use of an advanced pull and push design offers a double sound barrier. The motor pulls the air through the pleated filter and charcoal filter, then pushes it through the HEPA Media Filter which acts as a double sound attenuator. The process is very quiet, and with zero pressure drop, will not interfere with the ability of the heating/cooling system blower to deliver clean, safe, healthy air to the building.



### *Take control of your environment.*

*Winter heating obviously keeps your home warm, but it also robs the air of much-needed moisture. For some people, this parched air is difficult—even painful—to breathe. Dry heat can also cause cracks in furniture and woodwork. With York's complete line of Steam, Power and Bypass Humidifiers, your York Dealer can find the right model to put humidity back in your home, moisturizing the warm air and making your family more comfortable.*

#### **Air quality is only a concern outdoors, isn't it?**

Not true! The air inside your home can be even more of a concern to your health and comfort, especially in the winter. When cold, dry air enters your home and is warmed to room temperature, the relative humidity in the average house can drop to as little as 5 percent. Compare that to the average 25 percent relative humidity of the Sahara Desert and you can understand why the air inside your home can seriously affect your health and comfort. Since various studies have estimated that most people spend as much as 90 percent of their time at home indoors, there's reason to be concerned about indoor air quality.

#### **How does humidity AFFECT my comfort?**

Since the air in your home is always trying to reach its saturation point, it will absorb water wherever it's found. That means it is stealing moisture from the bodies of you and your children, your pets, your furniture and even your houseplants. By giving up moisture to the air, your skin, throat and nasal passages dry out and crack, leading to various physical discomforts. That's why many doctors recommend humidifiers for allergy and asthma sufferers. Research has shown that 30 percent to 60 percent relative humidity is ideal. Outside this range, bacteria, fungi, viruses and mites thrive and multiply. As these creatures increase in number, so does your risk of being adversely affected.

#### **Are there any other BENEFITS to properly conditioned air?**

Yes, it can help you save energy! Warm, humid summer air feels hotter than it actually is because of the moisture it contains. That same principle applies to your home in the winter. By keeping the relative humidity inside your home at an ideal level, you can turn your thermostat down a few degrees and still feel comfortable. Dialing down your thermostat just three degrees can reduce your heating bill by as much as 5 percent.



# HUMIDIFIERS

## BYPASS HUMIDIFIER

- Manual humidistat
- Bypass humidifier mounts easily on the warm or return plenum and delivers 12 to 17 gallons per day (depending on the model)
- A portion of the heated air from the furnace passes through a water-soaked pad where it absorbs additional moisture and then returns for distribution throughout your home.
- Water is metered across the patented KineticFlo trough. Unevaporated water drains from the bottom of the unit to eliminate mineral buildup.



## POWER HUMIDIFIER

- Manual humidistat
- Fan-powered unit mounts easily on the warm air plenum and delivers 18 gallons per day
- A portion of the heated air from the furnace passes through a water-soaked pad where it absorbs additional moisture and then returns for distribution throughout your home.
- Water is metered across the patented KineticFlo trough. Unevaporated water drains from the bottom of the unit to eliminate mineral buildup.



## STEAM HUMIDIFIER

### Home Comfort Features

- Multiple installation options: duct mount, room mount or remote mount
- 120V and 230V options
- Self-contained immersed electrode design
- Disposable steam-generating cylinder
- High water level and foam detection monitoring
- Drain tempering
- Capacities from 5½ lbs./hr. to 12 lbs./hr.
- 20 percent adjustable capacity from rated max output
- Integrated AHU fan relay for on-demand humidification
- LCD display with numerical and icon driven menu
- Constant control monitoring and diagnostics
- Pure, sterile steam delivering premium indoor air quality
- Digital automatic humidistat



## DEHUMIDIFIER

### *Effective, efficient dehumidification.*

*A comfortable home starts with just the right level of air moisture. York's Dehumidifier helps keep your home refreshed and healthy. Its nylon mesh filter captures airborne pollutants and dirt, and its easy-access design allows for easy cleaning. Other technological innovations assure long-lasting, trouble-free, quiet operation. And because drier air is more comfortable, you'll actually still feel cool even at a higher air conditioning setting.*

## DEHUMIDIFIER

### **Protect and control your indoor air for a more comfortable, healthier home.**

- **Optional Wall-Mounted Control** — The unit comes with self-contained controls but is easily converted to a dehumidistat control mounted in the living area (similar in appearance to a thermostat), saving trips to the basement or attic to change the setting.
- **Cleanable Filter** — A permanent nylon mesh filter captures particulates and airborne dirt to improve indoor air quality; the filter is easily accessed from either side for cleaning.
- **Frost Control** — Frost can collect on the coil after prolonged operation or if the home is kept at very cool temperatures. An automatic defrost system will turn off the compressor but allow the fan to operate until any ice accumulation is melted. Once the coil is clear, the dehumidifier will resume normal operation.
- **Minimal Maintenance** — The dehumidifier is built for long life and trouble-free operation. Periodic cleaning of the filter keeps the unit operating at peak efficiency.
- **Quiet Operation** — The York Dehumidifier is designed for quiet operation. The cabinet is lined with 1" thick high-density, expanded polyethylene insulation that absorbs and reflects sound, keeping most unwanted noise from the duct system and living spaces. The compressor is mounted on rubber isolators to prevent vibration, and the entire unit can be placed on rubber feet or suspended using rubber isolators (optional) to further reduce noise transmission into the home.
- **Energy-Efficient** — Because drier air is more comfortable, many people actually raise the temperature setting on their air conditioner when a York Dehumidifier is installed, reducing the load on the air conditioner and helping extend its life.
- **Fits Any Size Home** — With a York Dehumidifier, the greater the unit's capacity, the faster the home can be brought to a comfortable level. At 130 pints of moisture removed per day, the dehumidifier is effective in virtually every home and in the most humid conditions.





## UV AIR PURIFIERS

### *Improve the air you breathe.*

*You can protect your home and your family from allergy-causing mold with York's selection of air purifiers. These ultraviolet air treatment systems kill mold that would grow in the cool, damp interiors of your air conditioning system. This is the same technology that's long been used by water treatment facilities, adapted by York for safe, efficient home air purifiers.*

#### UV AIR PURIFIER

##### Specifications

- 4" x 8¾" x 2¾" (W x H x D)
- 36w 16" UVC Germicidal H-lamp
- 180  $\mu\text{W}/\text{cm}^2$ @1 Meter UVC Lamp Intensity Rating
- 120 VAC / 240 VAC Regulating Electronic Ballast
- QuartzCoat® Lamp Life Extension Coating (18,000 Hours) 2-Year Lamp Replacement
- Power Cord Disconnect (Appliance Coupler Design)
- Max 2,000 CFM or 4,500 SQFT
- 5-Year Ballast Warranty



#### UV AIR PURIFIER

##### Specifications

- 8½" x 7¾" x 2" (W x H x D)
- 50w 18" UVC Lamp
- Vectorflo Design to Deliver High Performance Kill Ratio
- 135  $\mu\text{w}/\text{cm}^2$ @1 Meter UVC Lamp Intensity Rating
- High Output Temperature Compensating (HOTC)120v / 240v Ballast
- 24 SQFT Titanium Dioxide TiO2 Anatase Semiconductor
- Max 2,000 CFM or 4,000 SQFT
- QuartzCoat Lamp Life Extension Coating (18,000 Hours) 2-Year Lamp Replacement
- Power Cord Disconnect (Appliance Coupler Design)
- 5-Year Ballast Warranty



## VENTILATORS

### *Ventilators for cleaner air.*

*On the hottest days of summer and the coldest days of winter, you want your home sealed tight for energy efficiency. But you don't want to sacrifice the benefits of fresh air. With a York Ventilation System, you don't have to. Whether your York Dealer recommends the Energy Recovery Ventilator for warm climates or the Heat Recovery Ventilator for cooler regions, you can trust these air exchangers to quietly bring in fresh, clean air from the outside and remove stale inside air, along with dust and other particle buildup.*

## VENTILATORS

### HEAT RECOVERY ENERGY RECOVERY

#### Features

- Two operating modes (intermittent and continuous ventilation)
- Variable speed
- Proportional defrost (patent pending)
- ISF™ 6" (dia.) collar system
- 5-year limited warranty on ventilation motors
- 5-year limited warranty on the enthalpy recovery core
- 5-year limited warranty on all other components

#### Why is our system the best?

##### Features

- Selection of controls
- Selection of filters and accessories
- Compact installation
- DuoTrol™ balancing system (patent pending)
- Sloped drain pan
- "Push-through" design
- Backward inclined motor blades
- Permanent lubrication of PSC motors
- Door opens upward
- No obstruction around the drain pan
- Simple electronic control
- Auxiliary connecting relays
- 5-year limited warranty on the ventilation motors
- Lifetime warranty on the heat recovery core
- Easy access to the control connection box
- ISF™ 6" (dia.) collar system (patent pending)
- SPM attachment system

##### Benefits

- Operating flexibility
- Better air quality
- Maximizes your space
- Silent and economical
- Eliminates bacteria-producing stagnant water
- Better performance
- Maintenance-free bearings
- Easy access
- Easy to clean
- Easy to operate
- No relay necessary
- Reliable and trouble-free
- Peace of mind
- Eliminates risks of error
- Quick and simple to install
- Variable settings



#### Recovery Core Operation System

The illustrations show the operation of a York ERV system. Outside air is pushed through the heat exchanger, which acts as a noise attenuator.

This process is very quiet and provides you with better home comfort.

The recirculation mode takes already-heated ambient air from a selected area, recirculates it through the unit's filters, and distributes it throughout your home. This option enables the unit to have an auxiliary air supply during the system's defrost period in winter and offers you better air quality without unpleasant odors.



# YORK TOTAL COMFORT SYSTEM MODELS

## MEDIA AIR CLEANERS

<b>S1-MAC10162505</b>	16 X 25 MERV 10 Cartridge Media Air Cleaner
<b>S1-MAC10202505</b>	20 X 25 MERV 10 Cartridge Media Air Cleaner
<b>S1-MAC11202506</b>	20 x 25 MERV 11 High-Efficiency Air Cleaner with Expandable Media
<b>S1-MAC11162506</b>	16 x 25 MERV 11 High-Efficiency Air Cleaner with Expandable Media

## ELECTRONIC AIR CLEANERS

<b>S1-EAC20002025</b>	2,000 CFM 20 X 25 Electronic Air Cleaner 120V
<b>S1-EAC14001625</b>	1,400 CFM 16 X 25 Electronic Air Cleaner 120V
<b>S1-HEPA300</b>	HEPA Air Cleaner 300 CFM 120V 99.97% @ .3 M

## HUMIDIFIERS

<b>S1-HU12MB</b>	12 GPD Bypass Humidifier 24V with Manual Humidistat
<b>S1-HU17MB</b>	17 GPD Bypass Humidifier 24V with Manual Humidistat
<b>S1-HU18MP</b>	18 GPD Power Humidifier 120V with Manual Humidistat
<b>S1-HU12DS</b>	12 lbs./hr. Duct Steam Humidifier 240V
<b>S1-HU6DS</b>	5½ lbs./hr. Duct Steam Humidifier 120V
<b>S1-HU12RS</b>	12 lbs./hr. Room Steam Humidifier 240V
<b>S1-HU6RS</b>	5½ lbs./hr. Room Steam Humidifier 120V

## DEHUMIDIFIER

<b>S1-DEHU130</b>	130-Pint Whole-House Dehumidifier 120V
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## ULTRAVIOLET AIR PURIFICATION

<b>S1-UV22024</b>	22w Single UVC Remote Air Purifier 24V
<b>S1-UV36120</b>	36w H-Lamp UVC Air Purifier 120V
<b>S1-UV50120</b>	50w Hybrid PCO / UVC Air Purifier 120V

## VENTILATORS

<b>S1-ERV160</b>	Energy Recovery Ventilator 30-160 CFM
<b>S1-ERV220</b>	Energy Recovery Ventilator 50-220 CFM
<b>S1-HRV160</b>	Heat Recovery Ventilator 30-160 CFM
<b>S1-HRV220</b>	Heat Recovery Ventilator 50-220 CFM

## How to stay comfortable for years to come.

York and your York Dealer are proud to offer the YorkCare™ Comfort Plan. It's designed to maintain your system as well as your peace of mind. With up to 10 years of total coverage available, you can ensure your unit is effective and efficient for years to come.

What's more, your York Dealer offers maintenance agreements that provide upkeep while maximizing the warranty provisions. Ask about the YorkCare™ Comfort Plan. A little extra coverage is always a comforting idea.



## Long story short: the history of York design.

You've probably enjoyed York engineering for years without even knowing it. We have, after all, designed and implemented heating



and cooling systems in some of the world's most famous structures, including the U.S. Capitol building, India's Taj Mahal, the Sydney Opera House, the entire U.S. Navy nuclear submarine fleet, and even venues such as your local mall and corner bank.

■ There's a reason people trust us with the big jobs. We've been doing this a long time. Over 130



years, in fact. In that time, we developed the first successful room air conditioner and cooled the world's first theater, hotel and office building.

We're constantly leading the industry in our design and our technology. And our commitment has earned our products



the Good Housekeeping Seal of Approval. No matter what the scale, chances are we've developed an efficient, durable and effective solution for it.

■ Which is all a way of saying this: You can depend on York to give you the choices you're looking for and



the designs that will keep you comfortable year-round, year after year.

■ Want to know more? Visit [yorkupg.com](http://yorkupg.com), or contact your York Dealer. They've got 130 years of innovation to tell you about.



 **YORK**<sup>®</sup>  
It's time to get comfortable.<sup>®</sup>

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