

**Aprilaire**<sup>®</sup>

**Ventilation Control System  
Model 8126**

**Choose  
a better  
ventilation solution  
for today's  
tight homes**



## Bring fresh air into the home without losing control

You're building tighter homes. Consumers demand it, and it is now part of the building code in many states. The new building materials that help make your homes more energy efficient are also greatly reducing the amount of fresh air entering your homes.

Without special attention to ventilation, contaminants like formaldehyde, radon, smoke, household chemicals, and odors can build up to dangerous levels. This makes the proper design, operation and maintenance of a ventilation system even more essential for today's homeowners.

**Aprilaire gives you an affordable solution to 'build tight and ventilate right' with a ventilation system that manages the quantity and quality of fresh air circulating throughout the home.**

## Proper ventilation is essential for homes everywhere

Many current ventilation methods let in outside air, but they can cause problems with over-humidification and reduce comfort.

- **Straight pipe** ventilation provides fresh air but doesn't control when air comes into the home – it's open all the time and can add excess humidity to the home in summer months.
- **Barometric dampers** work to ventilate, but only when the HVAC blower is operating – providing either none or too little ventilation during milder weather.
- **'Timed' dampers** allow for a certain amount of ventilation each hour, but they don't manage the quality of air entering the home. This adds load to heating/cooling equipment and raises humidity levels in the summer.
- **Energy or Heat Recovery Ventilators** efficiently exchange polluted indoor air for fresh outdoor air for customers that are willing to make an up-front investment.

You need an affordable system that will bring in the right amount of fresh air *when you need it*.

## The best ventilation solutions are from the industry leader in indoor air quality

At Aprilaire, we know that you have been searching for a better solution. A system that would have the control required to ventilate today's homes properly, without adding significant costs to a project.

You can stop the search. **The Aprilaire Model 8126 Ventilation Control System offers proper ventilation at an affordable price point.** Only the Aprilaire Ventilation Control System has the automated controls to manage circulation year round and ensure homes get the kind of air they need, when they need it.

Installed as part of the home's heating/cooling system, the controller works in conjunction with an Aprilaire motorized damper to continuously monitor the humidity levels in the home and the outdoor temperature of fresh air entering the home. Combining this information with flexible, user-adjustable controls allows homeowners to manage both the quantity and quality of circulated air being brought into the home.

Its presence in your home building or remodeling projects reflects a true commitment to satisfying your customers and offering whole-home indoor air quality solutions.







**Aprilaire products have been improving comfort in homes across the country for over 60 years. The company's research-backed tradition means you can be confident that the products you select will deliver on a promise of improving indoor air quality.**

## **System ensures proper exchange of fresh air throughout the year**

The Aprilaire Ventilation Control System monitors the indoor relative humidity and outdoor temperatures. It helps to:

- **Enhance comfort** by managing the kind of air entering the home – it doesn't bring in air that is too humid, hot or cold.
- **Improve indoor air quality** by circulating the right amount of fresh air throughout the year.
- **Save energy costs** two ways:
  - A timer precisely manages the quantity of air coming into the home, so it ventilates only when you need it.
  - The controller manages the quality of air, never allowing air above 100°F, below 0°F or if indoor humidity levels are above 60% – so the heating/cooling system runs only when it is needed.

## **Flexible solution improves air quality in all types of homes**

No matter the size of your project, enjoy the benefits of flexible controls that allow for a breath of fresh air without having to open a window. Homes with the Aprilaire Ventilation Control System will feel fresh and comfortable year round.

Customized controls allow for better management of air flow based on the size of the home and individual homeowner needs. Air cycle times can be lengthened because the system responds to indoor and outdoor conditions rather than operating only when the blower is running.

Now you have an economical way to offer your homeowners just the right kind of fresh air, from the industry leader in indoor air quality solutions.

## **Contact your heating/cooling contractor to build tight and ventilate right with Aprilaire**

**Indoor relative humidity is monitored to help prevent high humidity conditions inside homes. The Aprilaire Ventilation Controller will not open the damper to outside air if humidity inside the home would increase beyond 60% due to ventilation. The motorized, normally-closed damper to the outside wall will not open, if the outdoor air temperature is below 0°F or above 100°F.**

## Better ventilation for better indoor air

Today's tight homes make proper ventilation more essential than ever. Improve the quality of the next home you build or remodel by having the Aprilaire Ventilation Control System installed as part of the heating/cooling duct work. The home will get the right amount of fresh air when it needs it, and it won't bring in air when the outside conditions are too hot, too cold or too humid. Protect your reputation and distinguish your homes by installing a ventilation control system from the industry leader in indoor air solutions – Aprilaire.



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For more information about Aprilaire Ventilation Control Systems, contact your heating/cooling contractor today.

### Fresh Ideas For Indoor Air

For enhanced health, comfort and energy efficiency, Aprilaire offers an entire line of indoor air quality solutions. To learn all about Fresh Ideas for Indoor Air, visit us at [www.aprilaire.com](http://www.aprilaire.com).

- Automatic Humidifiers** – Deliver optimum humidity throughout your home to eliminate dry nose, scratchy throat and itchy skin and to reduce the chance of upper-respiratory problems.
- Electronic Thermostats** – Combine easy programming, pinpoint accuracy and digital controls to provide you with the ultimate in both comfort and energy savings.
- Ventilation** – Ensure a supply of clean and fresh air into your home to make it more healthy, comfortable and energy efficient.
- UV Germicidal Lamps** – Reduce the risk of odors, illnesses and bothersome allergies from bacteria, fungi and molds growing within your cooling system evaporator coil.
- Zone Control Systems** – Control temperature in each room based on your needs to eliminate hot and cold spots.
- Air Cleaners** – Deliver the cleanest and healthiest air to improve the health of your family and to protect the performance of your heating/cooling equipment.