

Aprilaire[®]

Zoned Comfort Control

**Make your home
more comfortable with
whole-home comfort control.**



Today's homes need better temperature control.

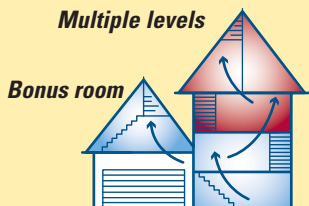
It can be very difficult to keep every room in a home at a comfortable temperature. Heat rises upstairs, leaving the main floor cool and second floor bedrooms hot. Cool air settles into the basement. Windows to the south soak up the sun, while harsh winds cool the north side of the house.

Add some of today's most desired home design features, and the problem gets worse. Large glass expanses, cathedral ceilings, solariums, lofts—they all can cause temperatures to vary dramatically from one part of a house to the next. Expecting one thermostat in a single room to control all this is asking the impossible.

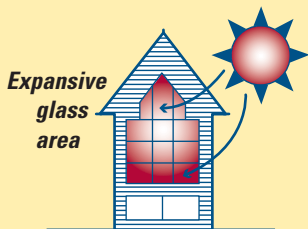
You need zoned comfort control in your home if one or more of these conditions exist:

Zoning delivers better comfort control for various types of floor plans

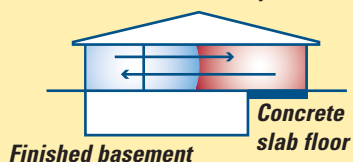
Multiple levels



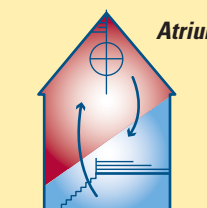
Expansive glass area



Horizontal floor plan



Atrium



- It contains more than one level.
- There are large, open areas such as vaulted ceilings or lofts, an atrium or a solarium.
- There is a bonus room off the back or over the garage.
- There are finished rooms in the basement or attic.
- It has a room or rooms with expansive glass areas.
- Family lifestyles dictate different temperatures in different areas of the home.
- Heating and cooling temperature patterns vary at different times of the day.
- A portion of the home is built over a concrete slab floor.
- Your home rambles in many directions like a ranch or has wings extending off the main living area.
- Certain rooms are used for social occasions.

According to the U.S. Department of Energy, zoning combined with a setback thermostat strategy can save you up to 30% on your energy bills.

Aprilaire delivers whole-home comfort.

An Aprilaire Zone Comfort Control System will improve the temperature control and comfort in your **new** or **existing** home. No more hot or cold spots. No more adjusting a single thermostat to try and meet your comfort needs throughout your home. No more living with that happy medium. Your electricity and plumbing are “zoned”, so why not your heating and air conditioning?

A zoning system combines the use of multiple thermostats and motorized dampers to divide your single heating and air conditioning system to control the conditioned air. This system allows all areas in your home to be the most comfortable. The upstairs is now cool in the summer and basement is now warm in the winter and all without compromise of affecting the whole home.

But the best part of an Aprilaire Zone Comfort Control System does more than just make you comfortable. It also saves you money because your heating and air conditioning system will use less energy. In fact, you can save up to 30% on your energy bills when your system is used with programmable thermostats.

- **Be more comfortable**—zone comfort control delivers conditioned air to where it is needed, not the whole entire home.
- **Save energy**—save energy without compromising comfort, up to 30%.

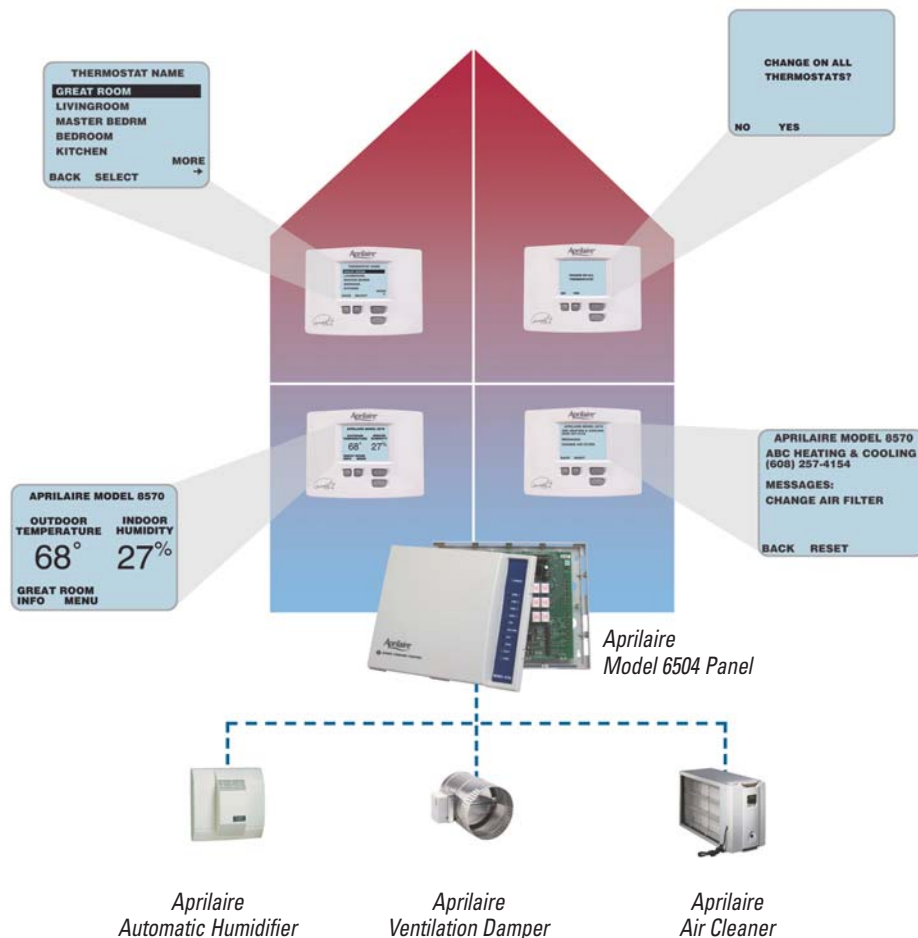
Ultimate System

The Aprilaire model 6504 intelligent zoned comfort control system goes beyond just directing your condition air to separate areas (zones) in the home. This system provides the ultimate in convenience for controlling your entire comfort system. Each thermostat can be used to view and control all other zones on the system. For example, you want to turn the bedroom thermostat up a few degrees before going to bed. No need to run upstairs, just go to the nearest thermostat and this system lets you log onto the bedroom thermostat from that thermostat to make the necessary changes.

But the Model 6504 Panel can go well beyond controlling temperatures to achieve the ultimate in home comfort and convenience. It can control other Aprilaire Indoor Air Quality products to help you achieve total comfort:

Features

- **Control any thermostat from any other**—whether turning on/off, adjusting or simply viewing, you can control any Model 8570 Thermostat from any other. This saves you from running all over the house.
- **Simple to use**—the Model 8570 provides an intuitive menu-driven approach to programming making it the easiest thermostat to operate.
- **Displays more information that you can use daily**—indoor and outdoor temperature, indoor relative humidity, equipment status, time and date. It will even display the name and phone number of your heating and air-conditioning dealer if service is ever needed.
- **Maintenance reminders**—the system will alert you when scheduled service is needed for your heating and cooling equipment as well as your Aprilaire indoor air quality products. This includes humidifier service, air filter replacement or general system service.
- **Improve humidity control**—your Aprilaire Humidifier shares your home's relative humidity level with the system which allows the Model 6504 Panel to extend blower operation at the end of a heat call if the humidity set point was not reached during the call.
- **Ventilation control**—when installed with an Aprilaire Ventilation Damper, the Model 6504 Panel will ensure the right quantity and quality of fresh air critical for your home's comfort.
- **Fan cycling**—the system can be set to circulate air periodically to extend air cleaner and humidifier performance.



Intelligent Solutions for Indoor Environments™

Now combining multiple Aprilaire accessories makes more sense and provides you more value. When you combine an Aprilaire Automatic Humidifier with the Model 6504 Panel and Model 8570 Thermostat, each thermostat in the system displays outdoor temperature, indoor RH and indicates when service is required on any zone thermostat. The system also alerts you when it's time to change your Aprilaire Air Cleaner Filter Media, as well the system helps to ensure proper ventilation for your home. Purchase the ultimate system in comfort and convenience, and gain true whole-home control.

Standard Systems

Aprilaire offers standard zone comfort control systems to solve any temperature control problem. All of our zoning products are made with the same high quality components and our standard systems can accommodate up to 12 zones and can be used with any type of HVAC equipment.

Energy savings of up to 30% can still be achieved with the use of programmable thermostats in all zones. Add any Aprilaire thermostat with the most reliable zone comfort control system on the market and make your home more comfortable.



Intelligent Solutions for Indoor Environments™

An entire line of indoor air quality products that are the best in their categories.

Together they set a new standard for intuitive use, performance and reliability.

Aprilaire products enhance your comfort, health and energy efficiency:

- Zoned Comfort Control
- Automatic Humidifiers
- Electronic Thermostats
- Ventilation
- High Efficiency Air Cleaners
- Whole-Home Dehumidifiers