

Aprilaire®

Model 6504 Intelligent Zoned Comfort Control

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



Today's homes need better temperature control.

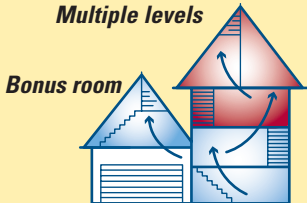
It can be very difficult to keep every room in a home at a comfortable temperature. Heat rises upstairs, leaving the main floor cool and second floor bedrooms hot. Cool air settles into the basement. Windows to the south soak up the sun, while harsh winds cool the north side of the house.

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.

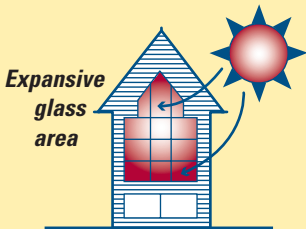
You need zoned comfort control in your home if one or more of these conditions exist:

Zoning delivers better comfort control for various types of floor plans

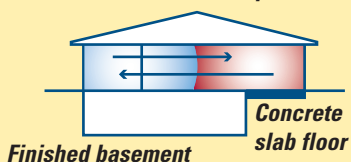
Multiple levels



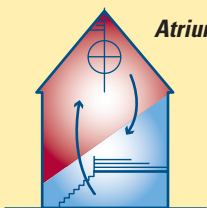
Expansive glass area



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 and convenience.

The Aprilaire Model 6504 Intelligent Zoned Comfort Control System solves the problem of inconsistent, uncomfortable temperatures by placing an Aprilaire Model 8570 Thermostat in up to four separate areas (zones) of your home. Then heating and cooling is directed by the selective opening and closing of dampers located in your system's ductwork. Conditioned air is delivered where you need it, when you need it. This revolutionary new system offers more convenience and information than you'd ever expect:

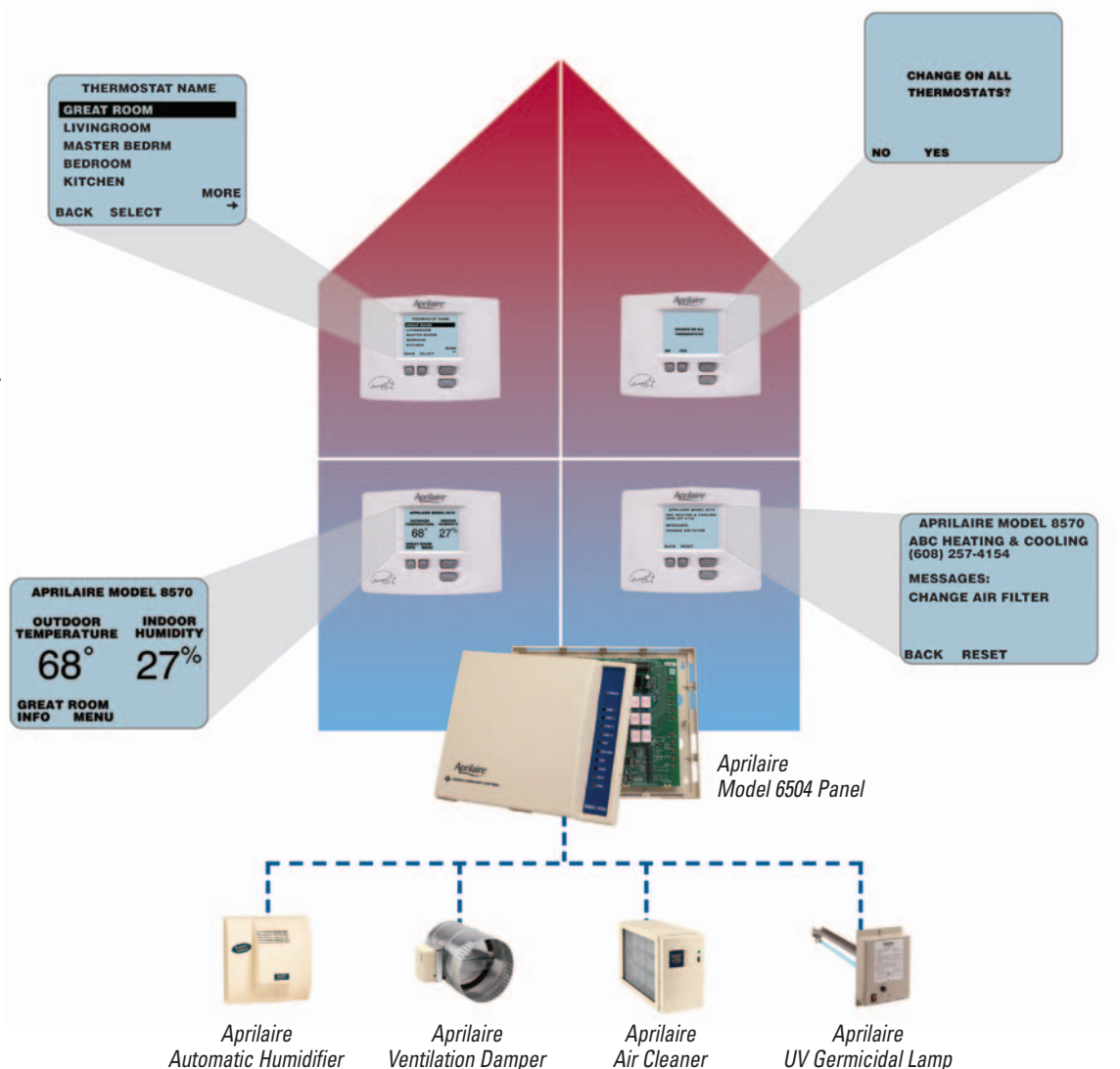
- **Simple to use**—the Model 8570 provides an intuitive menu-driven approach to programming making it the easiest thermostat to operate.
- **Control any thermostat from any other**—whether turning on/off, adjusting or simply viewing, you can control any Model 8570 Thermostat from any other. This saves you from running all over the house.
- **Unsurpassed convenience**—customized names for each Model 8570 provide easy identification from any other. Each thermostat can also adjust automatically for daylight-saving time (selectable on/off).
- **Easy to read**—vibrant, soft blue backlighting allows the Model 8570 Thermostat to be viewed at any light level.
- **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.
- **Constant comfort**—your morning temperature setting is assured after an overnight setback through the use of special progressive recovery technology.

The ultimate system.

Each thermostat is connected to the Aprilaire Model 6504 Panel located near your heating and cooling system. The Model 6504 Panel shares information between thermostats and opens and closes dampers located in the system ductwork to control heating and cooling in each zone.

But the Model 6504 Panel can go well beyond perfect 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:

- **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 Energy Recovery Ventilator or 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.
- **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, UV germicidal lamp replacement or general system service.



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. Combined with an Aprilaire UV Germicidal Lamp or Air Cleaner, the system alerts you when replacement bulbs are required. Ventilation is also controlled. Purchase the ultimate system in comfort and convenience, and gain true whole-home control.

Take control of your home's total comfort.

Experience unprecedented whole-home comfort and control, from the industry leader in indoor air quality. The Aprilaire Intelligent Zoned Comfort Control System provides even heating and cooling on different levels and in different areas of your home. Engineered with your comfort and convenience in mind, this system can connect and control a variety of best-in-class products to give you control over temperature, relative humidity and indoor air quality throughout your home.



For better control and comfort, choose a single system of indoor air quality accessories. Contact your local heating and cooling contractor today for the best, most cost-effective way to control your indoor environment.



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
- UV Germicidal Lamps
- High Efficiency Air Cleaners
- Whole-Home Dehumidifiers