AprilAire PARTNERS

IAQ Controls

Whole-Home Temperature & Air Quality



Healthy Air Control in every home.

AprilAire Wi-Fi Thermostats



For over 75 years we have been providing HVAC contractors with solutions to provide Healthy Air for their clients. Those solutions provide better health, comfort, protection, and energy savings. Our line of Wi-Fi thermostats is yet another innovative solution you can offer.

Simplicity is the key to the AprilAire Wi-Fi Thermostat App's design. It's easy to understand and easy to use with intuitive temperature control features so homes can be more comfortable and save energy.

We've taken it one step further by offering IAQ control so users can balance every aspect of their Indoor Air Quality. Temperature, humidity, air purity, and fresh air can all be regulated from anywhere.



Healthy Air and Energy Savings

AprilAire Wi-Fi Thermostats make balancing energy savings and comfort effortless. Our interface is designed to be user-friendly, ensuring ease of use for everyone.

Schedule Programming

Setting up and adjusting the program is made simple with our intuitive and bold design.

Away and Heat Blast

Activate the system with ease to automatically adjust the temperature when you leave and return home.

Energy Savings

Achieving energy savings is straightforward with improved scheduling and easy overrides. Homeowners can enjoy significant energy savings compared to non-programmable thermostats.

Peace of Mind and Protection

Homeowners can trust in the consistent control of optimal temperature and relative humidity levels. Proactive email alerts ensure timely notifications for any required service or maintenance.

Wi-Fi With IAQ Control

Gain comprehensive control over all heating and cooling configurations and Indoor Air Quality, including humidifiers, dehumidifiers, air purifiers, and ventilators.

Wi-Fi IAQ Control Product Portfolio

Homeowners Have Different Needs, So We Have Different Control Options

From full color touchscreens with control over all aspects of IAQ in one simple interface to basic temperature control units, the range of AprilAire Wi-Fi Thermostats offers consumers a variety of key features and price points.

	S86WMUPR[2]	8910W[2]	8920W[2]
Temperature	✓	✓	✓
Air Cleaning	✓	✓	✓
Humidity	✓[1]	✓	✓
Fresh Air	✓[1]	✓	✓

[1] Controls either humidity or fresh air ventilation with only one relay.
[2] App automatically configures; removing functionality if removed from the thermostat.



Model 8920W

Industry's first color touchscreen with all control options on the home screen.

- + Event-Based™ Air Purification
- + Humidity and Ventilation
- + Compatible with conventional heat/cool systems and heat pump systems
- + Compatible with single and multi-stage equipment
- + Large 7" diagonal full color touchscreen



Model 8910W

Easy-to-use touchscreen with all control options on the home screen.

- + Event-Based™ Air Purification
- + Humidity and Ventilation control
- + Compatible with conventional heat/cool systems and heat pump systems
- + Compatible with single and multi-stage equipment
- + Large 4.5" diagonal touchscreen



Model S86WMUPR

Capacitive touch buttons with intuitive menu-style navigation.

- + Event-Based™ Air Purification
- + Humidity or Ventilation control
- + Compatible with conventional heat/cool systems and heat pump systems
- + Compatible with single and multi-stage equipment
- + 2.8" diagonal full color graphical display
- + Works with wireless indoor and outdoor temperature/RH sensors

See product lineup on back page for complete specifications.

AprilAire Wi-Fi IAQ Control

Temperature, Air Purity, Humidity, Fresh Air Ventilation

The AprilAire Wi-Fi with IAQ Control Thermostat line offers advanced features without compromising user-friendliness. Homeowners can easily adjust the indoor environment to suit their home and family's unique needs. Additionally, the Event-Based™ control option helps manage and enhance air quality in response to specific events, such as smoke from cooking or a sudden temperature increase from a gathering.



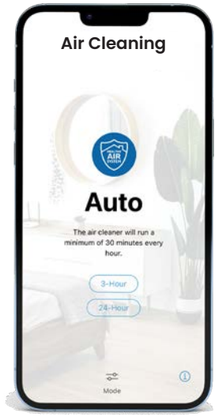
Industry-Exclusive Features With the Healthy Air App

+ Ability to control temperature and all IAQ equipment
+ Event-Based™ Air Cleaning and Fresh Air Ventilation Control
+ Automatic humidifier control with accurate ODT control points
+ Automatic dehumidifier control
+ Temperature overrides for instant comfort ("Heat Blast") and maximum energy savings ("Away")
+ All screens display the status of all IAQ and HVAC equipment
+ 3-day weather forecast with pollen and mold levels
+ Features disabled from thermostat are automatically removed from the app
+ Informs homeowners on the benefits of IAQ control
+ "Product Not Installed" screen suggests additional IAQ products
+ Easy to identify and access "Help" screens
+ The navigation bar is visible from any screen. It shows all control options and status of equipment (on, off, or idle). When first entering the app, the screen will always default to temperature.

DISCLAIMER: The appearance of the app may differ based on the mobile device being used and its operating software.

Temperature

Besides having the ability to modify their home's temperature from any mobile device, the AprilAire scheduling and program override give users the flexibility they need to save money—without sacrificing comfort.

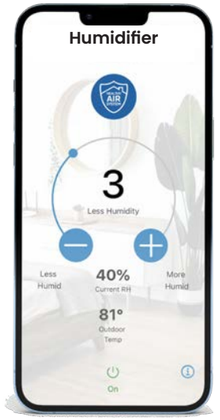


Air Purity

Address Airborne Contaminants

It's so important to have the ability to control air cleaning, especially for people who suffer from asthma and allergies. It couldn't be easier with AprilAire's exclusive Event-Based™ Air Cleaning feature.

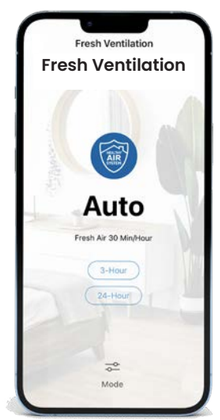
Need to know when air cleaning is necessary? The 3-day weather forecast includes pollen and mold conditions to eliminate the guesswork.



Humidity

Create a Healthy Home for Your Family

Too much and the air feels sticky and uncomfortable but mold and mildew love it. Too little and our skin and nasal tissue become too dry. Humidity plays a big role in your customers' health and comfort so having the ability to verify and control it is a necessity.



Fresh Air Ventilation

Help Your Home Exhale the Bad Air and Inhale Good Air

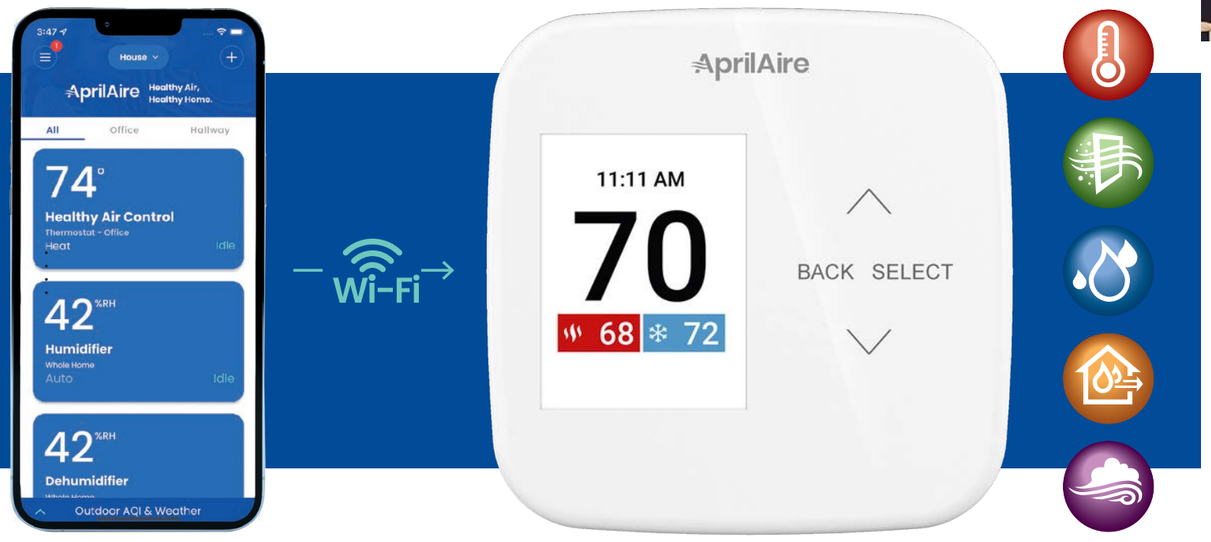
Fresh air ventilated from the outside is required in many new homes. AprilAire controls are designed to meet all ASHRAE 62.2, IECC, and CEC Title 24 ventilation requirements. Simply set the parameters and the control will ventilate the proper amount of air. Event-Based™ is also available for customers who want additional fresh air for circumstances such as cooking or parties.

Wi-Fi Connection That's Simple, Safe, and Secure

You don't have to do a thing. The app is set up and controlled by the customer in three easy steps. AprilAire also provides setup support via phone at 800.545.2219 or online at aprilaire.com/app.

San the QR code with your smartphone's camera to download the app.

1. **DOWNLOAD** the AprilAire Healthy Air App.
2. **REGISTER** the AprilAire user account.
3. **CONNECT** the Wi-Fi thermostat to the home's network.



Your Customers' Communication is Protected

All communication between your customers' device and the thermostat uses industry standard TLS (Transport Layer Security) 256-bit encryption.

Your Customers' Personal Data is Protected

We only store personal data on our database servers. We use Amazon Web Services (AWS) to host our database servers. We will not share personal data with any third parties. We may use only non-personal data internally for analyzing overall usage of the app and equipment.

Find more detailed information at **aprilaire.com/app**



Wireless Sensors Bring Enhanced Features

Our wireless sensors don't require running wires to be installed and improve temperature control through:

- **Sensor averaging -** By averaging the temperature readings of the thermostat and all connected sensors, the thermostat can offer more consistent temperature control, as well as reduce hot and cold spots within the house.
- **Sensor-controlled scheduling -** In addition to setting the temperature schedule for the day, different sensors can be used to set scheduled events in specific parts of the house. This offers improved temperature control when and where desired.



*Compatible with S86WMUPR only

Automation Integration

Communicating Thermostat



Model S86WMUPR



Model 8840

5 YEAR WARRANTY



Programmable and Non-Programmable



Programmable and Non-Programmable



Programmable and Non-Programmable



Programmable and Non-Programmable



Wi-Fi, Programmable and Non-Programmable



IAQ Control
Equipment Control Module
8 3/8" x 9 3/8" x 1 9/16"

RESIDENTIAL MODEL NUMBER STAGES		S84N1H1C 1H/1C	S84NSU 1H/1C, 2H/1C	S86NMU 2H/2C, 4H/2C HP	S86NMUPR 2H/2C, 4H/2C HP	S86WMUPR** 2H/2C, 4H/2C HP	8910 • 8910W** 3H/3C, 4H/2C HP	8920W** 3H/3C, 4H/2C HP
HOME AUTOMATION MODEL NO.		-	-	-	-	S86WMUPR	-	8840
Dimensions (W x H x D)		3.75" x 3.75" x 1.00"		4.38" x 4.38" x 0.8"			6" x 4.85" x 1.25"	7.1" x 4.85" x 1"
Temperature Control	Easy to Read Display	■	■	■	■	■	■	■
	Simple Setup	■	■	■	■	■	■	■
	Displays Outdoor Temperature (if equipped)		■	■	■	■	■	■
	Adjustable Differential	■	■	■	■	■	■	■
	Progressive Recovery	■	■	■	■	■	■	■
	Heat Blast	■	■	■	■	■	■	■
Air Cleaning	Event-Based™ Air Cleaning	■	■	■	■	■	■	■
	Air Cleaning Notice			■	■	■	■	■
	Change Filter Alert	■	■	■	■	■	■	■
Humidifier Control	Automatic or Manual Humidifier Control				■	■	■	■
	"Humidifier On" Notice						■	■
	Displays Indoor RH				■	■	■	■
	Energizes HVAC Blower for Humidity				■	■	■	■
	Controls Humidifier with 24 VAC Dry Contact				■	■	■	■
Dehumidifier Control	Controls Whole-Home Dehumidifier				■	■	■	■
	Controls A/C Equipment for Dehumidification				■	■	■	■
	Senses and Displays Indoor RH			■	■	■	■	■
	"Dehumidifier On" Notice						■	■
	Energizes HVAC Blower for Dehumidification				■	■	■	■
	Controls Dehumidifier with 24 VAC Dry Contact				■	■	■	■
Ventilation Control	Programmable for Timed Ventilation				■	■	■	■
	Programmable for ASHRAE 62.2 Ventilation				■	■	■	■
	Configurable Temperature and Humidity Limits				■	■	■	■
	"Ventilation On" Notice						■	■
Product Configuration	Controls Air Cleaner and Humid or Dehumid or Vent				■	■		
	Controls Air Cleaner and Humid, Dehumid and Vent						■	■
	Wired Outdoor Temperature Sensor Included				■	■	■	■
	Two-Part Design–Only 3 Wires to the Living Space						■	■
	Compatible with Wireless Indoor and Outdoor Temperature/RH sensors					■		

**Wi-Fi, amazon alexa compatible and Google Assistant compatible

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