AprilAire
PARTNERS

IAQ Controls
Whole-Home Temperature & Air Quality

AprilAire Wi-Fi Thermostats

We are a solution company. For over 75 years we have been providing HVAC contractors with solutions to provide better 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.

Energy Savings and Comfort Can Coexist

AprilAire Wi-Fi thermostats have made the seemingly impossible a reality. The control features of our interface are user-friendly so anyone can use them.

Schedule Programming
Intuitive program setup and adjustment is simplified with our bold design.

Away and Heat Blast
With a simple activation the system will automatically adjust the temperature not only when you leave but also when you arrive home.

Consumer Energy Savings
They're easy to achieve thanks to improved scheduling and simple overrides. Homeowners can find significant energy savings over non-programmable thermostats.

Peace of Mind and Protection
Homeowners don't have to worry about temperature and RH levels getting too high or too low, or when service or maintenance is due. Email alerts proactively notify the homeowner as needed.

Wi-Fi IAQ Control
The ability to control all configurations of heating and cooling plus IAQ accessories which include 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 full 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 touch screen 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 touch screen

Model 8910W
Easy-to-use touch screen 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 touch screen

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

Your Customers Will Never Again Have to Ask, "Who Touched the Thermostat?!"

Total control. That's what the AprilAire Wi-Fi IAQ Control delivers. It begins with its industry-leading design which focuses on consumer usability. They get information when and where it's needed. Homeowners can control the indoor environment based on their home's and their family's specific needs. There's even an Event-Based™ control option to manage and improve the air quality when things occur in the home that affect indoor air, like smoke from a burnt meal or a jump in temperature from a crowded party.
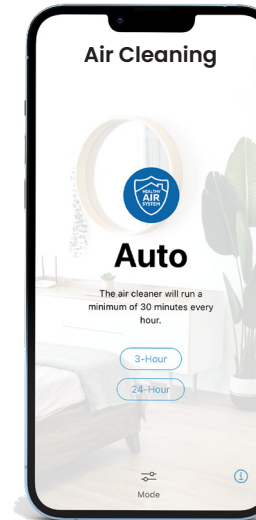
Industry-Exclusive Features

+ 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, 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.
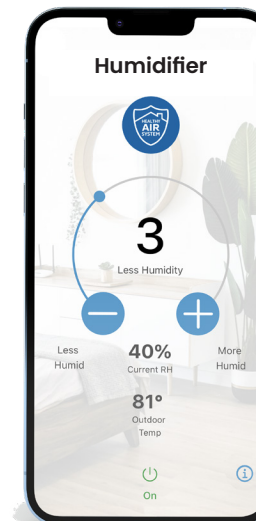
Temperature

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

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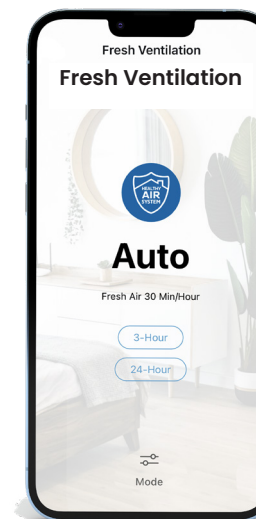
Need to know when air cleaning is necessary? AprilAire 3-day weather forecast includes pollen and mold conditions to eliminate the guesswork.

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 requirement of many consumers.
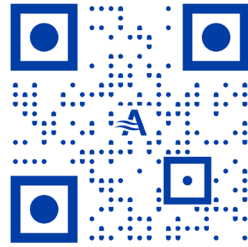
Fresh Air Ventilation
Help Your Home Exhale The Bad Air And Inhale Good Air

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.
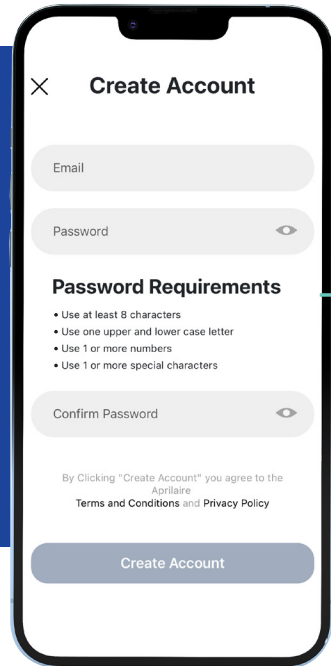
Wi-Fi Connection That's Simple, Safe & Secure

You don't have to do a thing. The app is setup 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.

1. **DOWNLOAD** the AprilAire Wi-Fi Thermostat App.
2. **REGISTER** your AprilAire user account.
3. **CONNECT** the Wi-Fi thermostat to your home network.

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

Your Customers' Communication is Protected
All communication between your customers' device and your customers' 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/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.

Automation Integration
Communicating Thermostat

Model S86WMUPR

Model 8840

Proud Partners of These Top Home Automation System Brands

Control4 CERTIFIED   SAVANT   CRESTRON   ELAN HOME SYSTEMS

URC Control the Experience   RTI   AMX   COMPASS CONTROL   clarecontrols

ELK   VANTAGE   NILES   cinemar

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 8³/₅" x 9³/₅" x 1⁹/₁₀" |

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"	3.75" x 3.75" x 1.00"	4.38" x 4.38" x 0.8"	4.38" x 4.38" x 0.8"	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