

# Aprilaire®

## Wi-Fi Thermostats

With IAQ Control



# Aprilaire Wi-Fi Thermostats



For 75 years, Aprilaire has been committed to the success of HVAC contractors by providing solutions designed for consumer health, comfort, protection and energy savings. Our new line of Wi-Fi thermostats continues that tradition.

Clean and simple, the Aprilaire Wi-Fi Thermostat App has intuitive temperature control features designed so anyone can understand and use them to effectively deliver comfort and energy savings.

But that's not all. Aprilaire, the #1 provider of indoor air quality solutions, also offers IAQ Control: the ability to balance all aspects of indoor air quality, including Temperature, Humidity, Air Purity and Fresh Air.

## Energy Savings—without Sacrificing Comfort

ENERGY STAR® stopped certifying programmable thermostats because consumers found them difficult to use. Aprilaire Wi-Fi Thermostats offer an accessible, simple user interface for control features anyone can use.

These include:

### Schedule Programming

Intuitive program setup and adjustment with a graphical, friendly design.

### Away and Heat Blast

When activated, the system automatically adjusts the temperature when leaving or arriving and can temporarily override an established program.



\*Source data: ENERGY STAR

## Peace of Mind and Protection

Email alerts that immediately and proactively notify the homeowner when failures occur, temperature and RH levels are exceeded, or when service or maintenance is needed.

## Wi-Fi IAQ Control

Offer your customers the ability to control all configurations of heating/cooling and IAQ accessories including Humidifier, Dehumidifier, Air Cleaner and Ventilator. All installed products are conveniently controlled from one app.

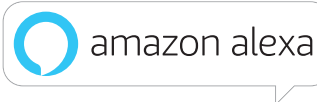
# Wi-Fi IAQ Control Product Portfolio

Aprilaire Wi-Fi thermostats with IAQ Control are designed to offer consumers a variety of key features and price points. From customers who require only temperature control at an attractive price point to those who want to control all aspects of IAQ in one simple interface, Aprilaire makes it easy to select the right product.

	8476W	8620W <sup>2</sup>	8910W <sup>2</sup>	8920W <sup>2</sup>
Temperature	✓	✓	✓	✓
Air Cleaning	✓	✓	✓	✓
Humidity		✓ <sup>1</sup>	✓	✓
Fresh Air		✓ <sup>1</sup>	✓	✓

<sup>1</sup> Controls either humidity or fresh air ventilation with only one relay.

<sup>2</sup> 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 Cleaning
- + Humidity and Ventilation
- + Full color Wi-Fi touch screen



## Model 8910W

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

- + Event-Based™ Air Cleaning
- + Humidity and Ventilation
- + Wi-Fi touch screen



## Model 8620W

Easy to use touch screen designed for temperature and humidity control.

- + Event-Based™ Air Cleaning
- + Humidity or Ventilation
- + Wi-Fi touch screen



## Model 8476W

Temperature control.

- + Event-Based™ Air Cleaning
- + Wi-Fi

See product lineup on back page for complete specifications.

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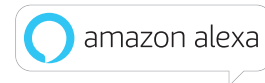
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## Model 8920W

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

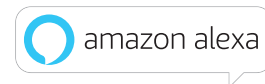
- + Event-Based™ Air Cleaning
- + Humidity and Ventilation
- + Full color Wi-Fi touch screen



## Model 8910W

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

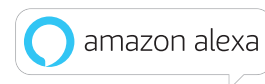
- + Event-Based™ Air Cleaning
- + Humidity and Ventilation
- + Wi-Fi touch screen



## Model 8620W

Easy to use touch screen designed for temperature and humidity control.

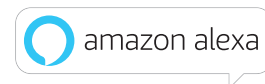
- + Event-Based™ Air Cleaning
- + Humidity or Ventilation
- + Wi-Fi touch screen



## Model 8476W

Temperature control.

- + Event-Based™ Air Cleaning
- + Wi-Fi





# Aprilaire Wi-Fi IAQ Control – Temperature,

Aprilaire Wi-Fi Thermostats with IAQ Control represent an industry-leading design focused on consumer usability; providing users information when and where it's needed. Options can be selected that automatically control the indoor environment based on the needs of each individual consumer's home and family. When events occur in the home that affect indoor air quality, Aprilaire exclusive Event-Based™ control options make managing and improving the air quality simple.



## Industry-exclusive Features

- + Ability to control temperature and all IAQ equipment
- + Event-Based™ Air Cleaning and Fresh Air Ventilation
- + 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 ?



## Easy-to-access navigation

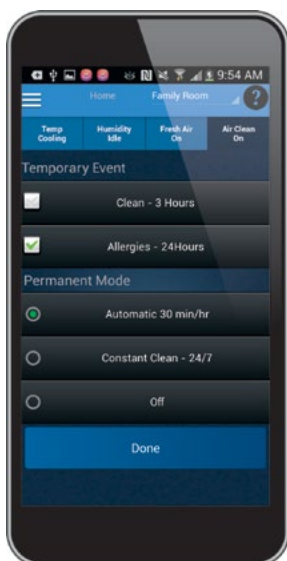
The navigation bar showing all control options and status of equipment (on, off, idle) is visible from any screen. When first entering the app, the screen will always default to temperature.

## Temperature

Not only do Wi-Fi thermostats give your customers the ability to modify their home's temperature from any mobile device, the

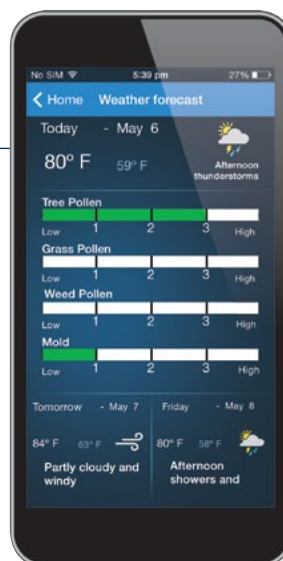
Aprilaire scheduling and program override provide the usability needed to save money—without sacrificing comfort.

# Air Purity, Humidity, Fresh Air Ventilation



## Air Purity

The air customers breathe inside their homes can be the most polluted air they breathe all day. People who suffer from asthma and allergies will benefit from the ability to control air cleaning—especially with the unmatched simplicity of Aprilaire's exclusive Event-Based™ Air Cleaning feature.



Aprilaire 3-day weather forecast includes pollen and mold conditions to provide the information needed to determine when air cleaning is necessary.



## Humidity

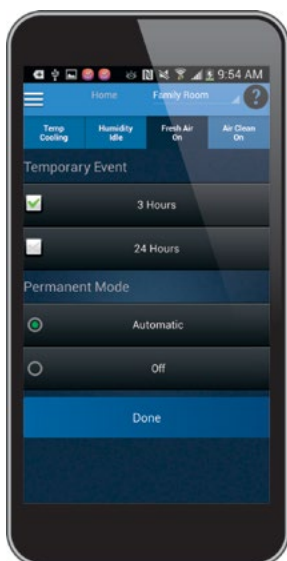
Too much or too little humidity can play a big role in your customers' comfort and health. Having the ability to verify and control humidity is required by many consumers.

### Automatic Humidifier Control

Continuously monitors outdoor temperature while automatically adjusting the humidifier to provide optimum RH levels inside the home. Manual control is also available, if needed.

### Automatic Dehumidifier Control

Automatically turns on a dedicated dehumidifier based on relative humidity. It couldn't be any simpler.



## Fresh Air Ventilation

Fresh air ventilated from the outside is required in many new homes. That's why Aprilaire controls are designed to meet all ASHRAE 62.2—2010 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



Aprilaire

Setup with your customer's home network is simple and secure, with the app being setup and controlled by the customer—not you. Aprilaire also provides setup support via phone at 1-800-545-2219 or online at [My.Aprilaire.com](http://My.Aprilaire.com).

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



## 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 [My.Aprilaire.com](http://My.Aprilaire.com)



## Free Custom Imprinting

Aprilaire offers free imprinting of your logo\* to keep your business top of mind whenever HVAC needs should arise.

\*Not available on models 8710 or 8570; Model 8920 display on screen



## Specialty Controls

In addition to our lineup of premium and touch screen controllers, Aprilaire also has the right controllers for special applications or unique installations.

### Wireless

Perfect for Zoning Applications



**MODEL 8710**

### Intelligent Zoning

Residential or Light Commercial



**MODEL 8570**

### Home Automation














Communicating Thermostat



**MODEL 8800**

Wi-Fi Models: 8810, 8820, 8830, 8840

# Full Line of Aprilaire Controls

		8400 Series			8600 Series		8900 Series	
								
		Non-Programmable	Programmable	Programmable with Event-Based™ Air Cleaning	Programmable Touch Screen	Programmable Touch Screen with Humidity Control	IAQ Control	IAQ Control
Model # • Stages		8444 • 1H/1C 8446 • 2H/1C HP 8448 Universal 2H/2C 4H/2C HP	8463 • 1H/1C 8465 • 2H/1C HP 8466 Universal 2H/2C 4H/2C HP	8476W(Wi-Fi) 8476 Universal 2H/2C 4H/2C HP	8600 Universal 2H/2C 4H/2C HP	8620W(Wi-Fi) 8620 Universal 2H/2C 4H/2C HP	8910W(Wi-Fi) 8910 Universal 3H/3C 4H/2C HP	8920W(Wi-Fi) Universal 3H/3C 4H/2C HP
 <b>Temperature Control</b>	Easy to Read Display	■	■	■	■	■	■	■
	Simple Setup	■	■	■	■	■	■	■
	Displays Outdoor Temperature (if equipped)	■	■	■	■	■	■	■
	Adjustable Differential	■	■	■	■	■	■	■
	Stage Rate	■	■	■	■	■	■	■
	Progressive Recovery		■	■	■	■	■	■
	Heat Blast					■	■	■
 <b>Air Cleaning</b>	Event-Based™ Air Cleaning			■		■	■	■
	Air Cleaning Notice			■		■	■	■
	Change Filter Alert	■	■	■	■	■	■	■
 <b>Humidifier Control</b>	Automatic or Manual Humidifier Control					■	■	■
	"Humidifier On" Notice					■	■	■
	Displays Indoor RH					■	■	■
	Energizes HVAC Blower for Humidity					■	■	■
	Controls Humidifier with 24 VAC Dry Contact					■	■	■
 <b>Dehumidifier Control</b>	Controls Whole-Home Dehumidifier					■	■	■
	Can Control A/C Equipment for Dehumidification					■	■	■
	Displays Indoor RH					■	■	■
	"Dehumidifier On" Notice					■	■	■
	Energizes HVAC Blower for Dehumidification					■	■	■
	Controls Dehumidifier with 24 VAC Dry Contact					■	■	■
 <b>Ventilation Control</b>	Can Program for Timed Ventilation					■	■	■
	Can Program for ASHRAE 62.2 Ventilation					■	■	■
	Configurable Temperature and Humidity Limits					■	■	■
	"Ventilation On" Notice					■	■	■
 <b>Product Configuration</b>	Controls Air Cleaner AND Humidification OR Dehumidification OR Ventilation					■		
	Controls Air Cleaner AND Humidification AND Dehumidification AND Ventilation						■	■
	Wired Outdoor Temperature Sensor Included					■	■	■
	Wireless Outdoor Temperature Sensor Available (sold separately)						■	■
	Two-Part Design-Only 3 Wires to the Living Space						■	■