



8810 Home Automation thermostat with Event-Based™ Air Cleaning Specification Sheet

Wi-Fi capabilities with the Aprilaire
Wi-Fi Thermostat App OR integrates
with all major home automation systems

Universal 2H/2C or 4H/2C Heat Pump

Programmable with Event-Based™
Air Cleaning

ON 24/7 — Full time, non-stop air cleaning

Auto — Cleans air when there is a heat
or cool call

Circ 30/HR — Circulates and cleans the air
30 min/hour

Event 3 HR — Cleans for a 3 hour period

Allergy 24 HR — Cleans for a continuous 24
hour period

Maintenance reminder for HVAC service

Heat Blast™ instant temperature override
(through App)



Control with Amazon Alexa



EASY TO INSTALL & MAINTAIN

- + Dual fuel operation built-in (auto lockout of compressor w/call for fossil fuel aux heat)
- + 7-day programmable
- + Temperature offset $\pm 4^{\circ}$
- + Configurable manual heat/cool or auto changeover modes
- + High and low balance point control (requires optional 8052 sensor)
- + Adjustable differential for 1st, 2nd, 3rd and 4th stages

ENGINEERED FOR EXCELLENCE

- + Programmable fan
- + Progressive recovery
- + Built in equipment
- + Fahrenheit & Celsius
- + Permanent memory — programming, time and date isn't lost during a power outage
- + Multiple hold options maximizes comfort and energy savings
 - Event-based timed hold
 - Permanent hold
- + 5-year warranty

EASY & CONVENIENT TO USE

- + 3.25 inch diagonal screen with soft-touch keys
- + Displays room temperature, temperature setting and outdoor temperature simultaneously (outdoor temperature display requires 8052 outdoor temperature sensor)
- + Easy to use temperature control to override program schedule at anytime

Dimensions

Thermostat

5.50" x 4.50" x 1.25"

User interface

5.25" x 4.50" x 1.00"

Accessories

8052 Outdoor Temperature Sensor (optional)

Model
8052 Shown



Thermal Specifications

Control range: 40° to 99°F (4° to 32°C)

Display range: 32° to 99°F (0° to 40°C)

Accuracy: $\pm 1^{\circ}\text{F}$ ($\pm .5^{\circ}\text{C}$)

Storage temperature: -30° to 140°F
(-34.4° to 60°C)

Operating humidity: 5% to 90% relative
humidity

Operating ambient temperature:
32° to 120°F (0° to 48.9°C)

Shipping temperature range:
-30° to 140°F (-34.4° to 60°C)

Electrical Specifications

24 VAC powered (18-30 VAC)

1 amp maximum load per terminal

2.5 amp total maximum load (all terminals)

AC Power: 18-30 volt AC

Standard systems gas, oil, electric

Single Stage/Heat Pump/Multi-Stage

Terminal Designations:

Rc, R, W, Y, G, C, S1, S2, O/B, L, W2, Y2