

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

Universal Thermostat Conventional 2H/2C, 4H/2C Heat Pump

Convenient service reminders

Event-Based™ Air Cleaning

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

Auto — 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

Humidity Control — Displays indoor RH on user interface

Ventilation Control — Can be set up to use ASHRAE 62.2 guidelines

Heat Blast™ instant temperature override



Control with Amazon Alexa



EASY TO INSTALL & MAINTAIN

- + Dual fuel operation built-in (auto lockout of compressor w/call for fossil fuel aux heat)
- + Programmable (or non-programmable)
- + Remote indoor sensor option w/8051/8053 sensors
- + Temperature offset $\pm 4^\circ$
- + High and low balance point control (requires 8052 sensor included)
- + Configurable manual heat/cool or auto changeover modes
- + Configurable for heating only or cooling only operation
- + Adjustable differential for 1st, 2nd, 3rd and 4th stages

ENGINEERED FOR EXCELLENCE

- + Programmable fan
- + Progressive recovery
- + Built-in equipment protection
- + Equipment stage indication
- + Multiple hold options maximizes comfort and energy savings
 - Vacation hold
 - Customizable timed hold
 - Permanent hold
- + Permanent memory — programming, time and date isn't lost during a power outage
- + Heat Blast™ allows one touch control of heating to raise room temperature 3°F to 5°F
- + 5-year warranty

EASY & CONVENIENT TO USE

- + Large 4.5 inch diagonal touch screen
- + Large font size
- + Fully backlit with constant low intensity light option
- + Exclusive message center (provides feedback and real language instructions)
- + Displays outdoor temperature (w/included 8052 sensor)
- + Real language programming/set up — no manual needed, no codes to memorize
- + Full or limited screen lockout
- + “Copy” function for quick and easy programming
- + Real time clock automatically adjusts for daylight savings time

Dimensions

Thermostat

6.00" x 4.88" x 1.50"

User interface

6.05" x 4.85" x 1.25"

Accessories

- 8052 Outdoor Temperature Sensor (included)
- 8051 Flush Mount Indoor Temperature Sensor
- 8053 Surface Mount Indoor Temperature Sensor
- 8081 Temperature Support Module
- 8082 Temperature and RH Support Module
- 8083 Flush Temperature/RH Support Module

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)

Standard systems gas, oil, electric

Single Stage/Heat Pump/Multi-Stage

Terminal Designations:

C, B O Y, Y2, G RC, R, W2, W, L, S2, S1, T1, T2, 1₁, 1₂