

AprilAire[®]

Thermostat

SPECIFICATION SHEET

8810A Thermostat



- 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 minutes per hour
 - **Event 3 HR** — Cleans for a 3-hour period
 - **Allergy 24 HR** — Cleans for a continuous 24-hour period
- Wi-Fi capabilities with the AprilAire Wi-Fi Thermostat App on iOS and Android
- Universal 2H/2C or 4H/2C Heat Pump
- Maintenance reminder for HVAC service
- Heat Blast™ instant temperature override (through App)



Download the AprilAire
Wi-Fi Thermostat App

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 protection
- 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

User interface

5.25" x 4.50" x 1.00"

Accessories

8052 Outdoor Temperature Sensor (optional)

Model
8052



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

24VAC powered (18-30VAC)

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