

Aprilaire®



GET MORE THAN YOU BARGAINED FOR.

- 1 Large Backlit Display
- 2 Dual Power Option
- 3 5 Year Warranty
- 4 Circulate Fan Mode for Better IAQ
- 5 Built in User Manual
- 6 Maintenance Reminders
- 7 Outdoor Temperature Sensor – Dual Fuel Converter Built In

8400 SERIES THERMOSTATS

MODELS: 8463 8465 8466
8444 8446 8448

www.aprilairepartners.com

The 8400 Electronic Thermostats are for the contractor looking for an attractive, programmable thermostat that is heavy on features, easy to install and priced right.

Aprilaire 8400 Series Thermostats

Features Of All 8400 Thermostats

Large 4.5 square inch LCD with high contrast for easier reading

Bright, white backlit display is easy to read

Displays room temperature, temperature setting and outdoor temperature simultaneously

Removable battery cover for fast, easy replacement

Dual Powered...choice of battery-powered or hardwired, for all applications

Easy-to-wire terminal block

Millivolt compatible

Outdoor temperature (requires 8052 outdoor temperature sensor)

Dual fuel operation built in – eliminates need for a dual fuel kit (requires 8052 outdoor temperature sensor)

Water panel, air filter, dehumidifier and HVAC service indicators

Simple “set-up” menu to activate optional features

Soft-touch keys

Circulate fan mode

Compressor lockout protection

Quick reference instructions on board

Display temperature offset (+/-4°)

Fahrenheit & Celsius

Configures as manual heat/cool, or with auto changeover

5 year warranty

Adjustable differential for 1st, 2nd, 3rd stage.

PROGRAMMABLE MODELS ONLY

Easy to use temperature control and override program schedule at anytime

Progressive recovery

Permanent program retention during power loss

Indefinite setpoint Hold

Choice of 5/1/1 day programmable, 5/2 day



Programmable

8463 - 1H/1C

8465 - HP 2H/1C

Universal 8466 - 2H/2C or HP 3H/2C



Non-Programmable

8444 - 1H/1C

8446 - HP 2H/1C

Universal 8448 - 2H/2C or HP 3H/2C

Dimensions

5.25" x 4.50" x 1.00"

Individual Carton: 5.80" x 4.80" x 1.75"

Master Carton: 10 per carton

Thermal Specifications

Control Range: 45° to 99° F (7° to 32°C)

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

Accuracy: +/- 1°F (+/- .5°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 (18-30 VAC)

1 amp maximum load per terminal

2.5 amp total maximum load (all terminals)

AC Power: 18-30 Volt AC

DC Power: 3.0 Volts DC (2 "AA" Alkaline batteries included)

Standard Systems gas, oil, electric

Single Stage/Heat Pump/Multi-Stage

Millivolt Systems

Terminal Designations: Rc, R, W, Y, G, C, S1, S2, 0/B, L, W2, Y2

Accessories

8052 Outdoor Temperature Sensor