Aprilaire®

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FAN ⑦	THU
AUTO	Inside **68°** Outside **54°** Set To **65°** ▲ ▼
MODE ②	
HEAT	①
	SCHEDULE RUNNING ⑥ CHANGE AIR FILTER
	9:45 AM 6/17/10 HOLD MENU

⑤ ④ ③ **XYZ HEATING 555-555-1234** ⑧

APRILAIRE'S MOST POPULAR TOUCH SCREEN THERMOSTAT!

The 8600 Touch Screen has the features that you need and the convenience your customers want.

① Real Language Programming — No Codes to Remember, No Manual to Reference

② Large 10.3 sq. in. Backlit Display

③ Built-In Dual Fuel Kit

④ High and Low Balance Point Control — Requires Outdoor Temperature Sensor

⑤ Dual Power

⑥ Maintenance Reminders

⑦ Programmable Fan and Circulate Fan Mode

⑧ Free Custom Imprinted Battery Covers

8600 THERMOSTAT

The 8600 Touch Screen Thermostat is for the contractor looking for an attractive, programmable thermostat that is heavy on features, easy to install and priced right.

www.aprilairepartners.com

Aprilaire **8600** Thermostat

Features

Installation

Dual Powered — battery-powered and/or hard wired

Dual fuel operation (auto lockout of compressor w/ call for back-up heat)

Commercial and residential applications (2 or 4 events per day)

Milivolt compatible (fireplaces/radiant heat)

Remote indoor sensor option w/8051/8053 sensors

Temperature offset ± 4°

Integrated dual fuel kit w/ high and low balance point control (requires 8052 sensor)

2H/2C Conventional and 4H/2C Heat Pump Universal Thermostat
   - One stat on the truck that fits all applications

Configurable manual heat/cool or auto changeover modes

Configurable heating and cooling, heating only or cooling only operation

Large, easy-to-wire terminal block

Adjustable differential for 1st, 2nd, 3rd and 4th stages

Operation

Service reminders
   - Humidifier, air filter, dehumidifier, HVAC

Easy to remove battery cover — designed for dealer branding program

Circulate fan mode

Programmable fan

Progressive recovery

Built-in equipment protection

Equipment stage indication

Five year warranty

"Copy" function for quick and easy programming

Multiple hold options maximizes comfort and energy savings
   - Vacation hold
   - Customizable timed hold
   - Permanent hold

Real time clock automatically adjusts for daylight savings time

Permanent memory — programming, time and date are not lost during a power outage

Screen

Large 10.3 sq. in. touch screen

Large font size

Fully back lit w/ constant low intensity light option

Exclusive message center (provides feedback and real language instructions)

Displays outdoor temp (w/ optional 8052 sensor)

Real language programming/set up — no manual needed, no codes to memorize

Full or limited screen lockout

Real Language Programming!
No Codes to Remember
No Manual to Reference

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)

Accessories

8052 Outdoor Temperature Sensor

8051 Flush Mount Indoor Temperature Sensor

8053 Surface Mount Indoor Temperature Sensor

Dimensions

4 15/16" High x 6" Wide x 1 5/16" Deep

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

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