

AprilAire[®]

Thermostat

Easy to Install. Easy to Setup.
Easy to Use.



	Single-Stage 1 Heat / 1 Cool	Single-Stage Universal
Model #	S84NIHC	S84NSU
Heat/Cool Stages	1H / 1C	1H / 1C
Heat Pump Stages	-	2H / 1C
Power	Battery or 24 VAC (C-wire required)	Battery or 24 VAC (C-wire required)
Display	1.77" Color	1.77" Color
Navigation & Setup	Real Language	Real Language
IAQ Controls <small>(Ventilation, Dehumidifier or Humidifier)</small>	No	No
Wi-Fi	No	No
Wireless Sensors	No	No

Add-A-Wire Power Adapter (8022) option available for all thermostat models.

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Thermostat

SPECIFICATION

S84 Series Thermostat

Single Stage | 1 Heat/1 Cool or Universal



Features:

- 1.77" diagonal Color Graphical Display
- Real Language Setup
- Capacitive Touch Interface
- Programmable & Non-Programmable
- Dual Fuel Capable (S84NSU)
- Air filter and HVAC Service Reminders
- High & Low Balance Point with Outdoor Temperature Sensor (S84NSU)

EASY TO INSTALL

- Real language menus for quicker and more intuitive setup
- Basic and Advanced HVAC installer settings for more streamlined installation
- Dual Powered – Battery or C-Wire
- System test mode ensures proper installation

EASY TO PROGRAM

- Best in class schedule setup is more intuitive for homeowners and leads to fewer call backs
- All days, weekdays, weekends, or 7-day programmability
- Convenient Heat Blast[®] option to raise room temperature 3° to 5° F
- Programmable fan control with fan circulation mode
- Progressive recovery ensures proper temperature at the start of a program event

EASY TO USE

- Menu style navigation is simple and intuitive
- Color graphical display for easier reading
- Displays room temperature and outdoor temperature (with outdoor temperature sensor on S86NSU)
- Capacitive touch interface

WIRING TERMINALS

S84NIHC

RH RC W Y G C

S84NSU

RH RC W Y G C T1 T2 O/B L

ACCESSORIES

- 8051 Flush Mount Temperature Sensor (S84NSU only)
- 8052 Outdoor Temperature Sensor (S84NSU only)
- 8053 Surface Mount Temperature Sensor (S84NSU only)
- 8084 Wall Cover
- 8022 Add-a-Wire Adaptor

SPECIFICATIONS

Dimensions: 3.75" x 3.75" x 1.00"

Environment:

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

Operating Humidity: 5% to 90%

Electrical:

Operating Voltage: 24 VAC (18-30 VAC)

Current Maximum: 2.5A (total), 1.0A (single output)

Thermal:

Display Range:

Room Temperature: 32° to 99° F (0° to 40° C)

Outdoor Temperature: -40° to 130° F (-40° to 55° C)

Setpoint Range:

Heat: 40° to 90° F (4° to 32° C)

Cool: 50° to 99° F (10° to 37° C)