

Programmable Thermostat

AHTR5024



The SALUS AHTR5024 Programmable Thermostat is a premium comfort control that includes 7-day temperature scheduling, maximizing heating and cooling efficiency.

- Compatible with most brands of air conditioners, furnaces, boilers and zone relay controllers
- Pulse width modulated (PWM) or On/Off control patterns
- High/Low temperature protection
- Optional external or underfloor temperature sensor input

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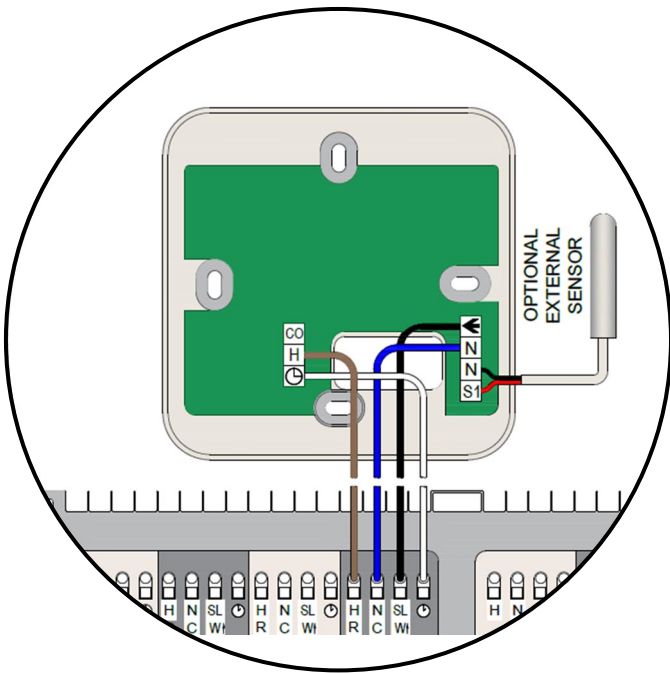
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Description and Features

- Compatible with most appliances and auxiliary controls
- Selectable control patterns:
 - Pulse width modulation (PWM)
 - or
 - On/Off control
- Terminals for remote heat/cool switch
- Terminals for external temperature sensor input
- Adjustable Safety function:
 - Heat output disabled if temperature exceeds specified target
 - Cool output disabled if temperature drops below specified target
- Fahrenheit or Celsius display units
- Internal diagnostics for sensor malfunctions

Application Diagram



Order Details

Programmable Thermostat		
Model	Single Unit UPC	Carton GTIN
AHTR5024	817852020199	10817852020196
AFTS40M	817989024817	10817989024814

Specifications

Electrical

24 Vac $\pm 10\%$, 50/60Hz, Power Consumption 1.8W

Temperature Functions

Range: 41 to 95°F (5 to 35°C)

Setback: -4°F or -8°F (-2°C or -4°C)

Accuracy: $\pm 1^\circ\text{F}$ or $\pm 0.5^\circ\text{F}$ ($\pm 0.5^\circ\text{C}$ or $\pm 0.25^\circ\text{C}$)

Environmental

Operating: 32 to 113°F (0 to 45°C)

Storage: -4 to 140°F (-20 to 60°C)

Agency Compliance

FCC, Industry Canada

Materials

PC, V2 – RAL 9010 pure white

Compatible Devices

AKL01P 1-Zone Pump Relay Controller

AKL04P 4-Zone Pump Relay Controller

AKL06P 6-Zone Pump Relay Controller

AKL08P 8-Zone Valve Relay Controller

AFTS40M Remote Sensor 10K, Type 2 thermistor

Warranty

5 year limited warranty

Note: Specifications are subject to change without notice

