

# Digital Thermostat

AHTR3024



**The SALUS AHTR3024 Digital Thermostat is a modern comfort control for heating and cooling with a large, easy to read, LCD display**

- Compatible with most brands of air conditioners, furnaces, boilers, zone relay controllers and night setback timers
- Pulse width modulated (PWM) or On/Off control patterns
- High/Low temperature protection
- Temperature units displayed in either Fahrenheit or Celsius

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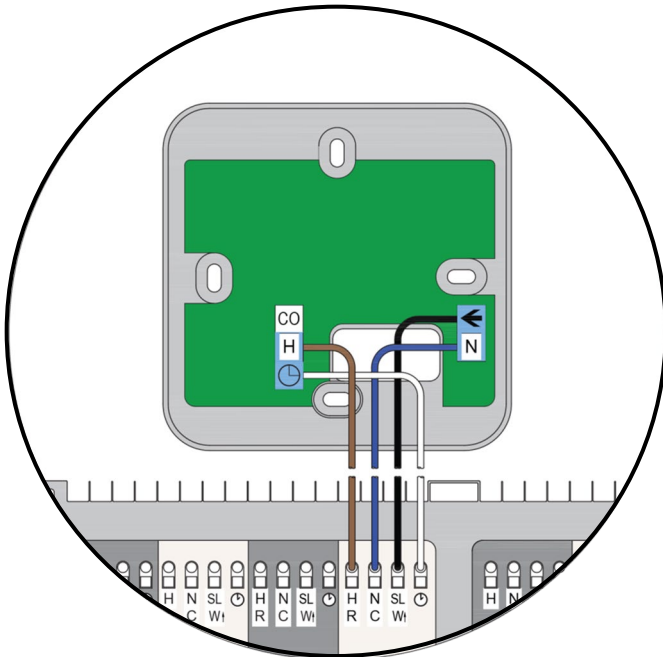
[www.salusinc.com](http://www.salusinc.com)

**SALUS®**

## 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
- 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

Digital Thermostat		
Model	Single Unit UPC	Carton GTIN
AHTR3024	817852020205	10817852020202

## 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°F or  $\pm$  0.5°F ( $\pm$  0.5°C or  $\pm$  0.25°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

### Warranty

5 year limited warranty

**Note: Specifications are subject to change without notice**

