

## ZWSTAT

Z-WAVE® THERMOSTAT



Honeywell, the number one choice of homeowners and the world's leading brand for temperature control, continues their tradition of excellence and quality with the ZWSTAT Z-Wave® Thermostat. ZWSTAT communicates with the 5800ZBRIDGE Z-Wave® Energy Management Module to enable automatic control with Honeywell's leading security systems, making it an ideal addition to any Z-Wave connected home or building. Precise temperature control enables ZWSTAT to provide better

comfort, fewer temperature swings and conserve more energy. Users can create keypad lockouts in homes and businesses—an excellent way to save money and energy by curtailing children and unauthorized personnel from adjusting the thermostat. Other notable features include the ability to alternate between heating and cooling based on temperature settings, alerts to change air filters and pads, fan circulation and more.

### EXCLUSIVE ZWSTAT FEATURES

#### Adaptive Intelligent Recovery

Allows the thermostat to “learn” how long the furnace and air conditioner take to reach programmed settings, so the temperature is reached at the scheduled time.

#### Keypad Lockouts

Optional “range stops” can be created to keep temperature settings limited to a minimum/maximum setting—ideal for retail and residential applications where employees and children may attempt to adjust thermostats.

#### Reminders

ZWSTAT can alert homeowners to clean and change air filters and humidifier/dehumidifier filters and pads—helping to maximize performance and efficiency while conserving energy.

#### Auto Change Over

ZWSTAT can automatically change between heating and cooling based upon indoor temperature. As a result, the homeowner will not have to manually change the thermostat to turn on the heat during early morning cool periods and turn off the heat during warmer periods of the day. (User can also select Manual Change Over)

#### Fan Circulation

The fan circulation feature moves air when heating or cooling is not required—saving energy and helping to eliminate hot and cold spots.

### ADDITIONAL FEATURES AND SPECIFICATIONS

- Seamlessly integrates with Z-Wave systems
- Universal application (see compatibility chart)
- Effortless, menu-driven programming
  - Guides users through programming by responding to their choices
  - Allows users to easily customize the thermostat for their own unique schedules
  - Choose from a seven day programmable or non-programmable schedule
  - Up to four daily periods
- Energy savings
  - Program to save up to 33% on annual heating and cooling costs\*
  - Allows consumer to put thermostat into an energy savings mode separately from other Z-Wave devices
- Multiple HOLD options
  - Fixed, temporary hold
  - Adjustable temporary hold
  - Vacation hold
- Real-time clock
  - Keeps time during power failures
  - Automatically updates for Daylight Savings Time

\*When used as directed, Honeywell programmable thermostats can save homeowners up to 33%, or up to \$200 a year, on annual heating and cooling costs. Numbers based on average annual utility costs of \$1500 with 50% going to heating and cooling costs and 33% savings if used as directed. Savings may vary depending on geographic region and usage. See [www.energystar.gov](http://www.energystar.gov) for more information.

# SPECIFICATIONS

## Temperature Ranges

- Heat: 40° F to 90° F (4.5° C to 32° C)
- Cool: 50° F to 99° F (10° C to 37° C)

## Operating Ambient Temperature

- 0° F to 120° F (-18° C to 48.9° C)

## Shipping Temperature

- -30° F to 150° F (-34° C to 66° C)

## Operating Relative Humidity

- 5% to 90% (non-condensing)

## Physical Dimensions

- 4.92" H x 6.4" W x 1.19" D
- 125 mm H x 166 mm W x 36 mm D

## Electrical Ratings

- Terminal Voltage (50/60 Hz) Running Current
- W Heating 20-30 Vac 0.02-1.0 A
- (Powerpile) 750 mV DC 100 mA DC
- W2 Heating 20-30 Vac 0.02-0.6 A
- Y Cooling 20-30 Vac 0.02-1.0 A
- Y2 Cooling 20-30 Vac 0.02-0.6 A
- Aux Auxiliary heat 20-30 Vac 0.02-1.0 A
- O/B Changeover 20-30 Vac 0.02-0.6 A
- E Emergency heat 20-30 Vac 0.02-1.0 A
- L Heat pump reset 20-30 Vac 0.02-0.6 A

Compatibility Chart	24 Volt Heating and Air Conditioning Systems
Single Stage Heating and Cooling	Yes
Multi-Stage Heating and Cooling	Yes
Heating Only	Yes
Cooling Only	Yes
Furnace (Warm Air)	Yes
Central Air Conditioning	Yes
Heat Pump Without Auxiliary Heat	Yes
Heat Pump With Auxiliary Heat	Yes
Hot Water	Yes
Steam or Gravity	Yes
750 Millivolt	Yes
Gas Fireplaces (24 Volts or 750 Millivolts)	Yes
Electric Baseboard Heat (120-240 Volts)	No

## ORDERING

- ZWSTAT** Z-Wave® Thermostat  
**5800ZBRIDGE** Z-Wave® Energy Management Module

### For more information:

[www.honeywell.com/security/hsc](http://www.honeywell.com/security/hsc)

### Automation and Control Solutions

Honeywell Security & Communications  
 2 Corporate Center Dr. Suite 100  
 P.O. Box 9040  
 Melville, NY 11747  
 1.800.467.5875  
[www.honeywell.com](http://www.honeywell.com)

