

Wireless Remote Sensor



SUBMITTAL



Part # WRSX



Includes Occupancy Sensor
Part # WROSX

Wireless Communicating Remote Sensor Part # WRSX

DESCRIPTION

The wireless remote sensor part # WRSX is a microprocessor based, auto changeover, programmable communicating zone thermostat without a local display. The zone sensor controls modulating round, rectangular dampers or WD-Fusers. The communicating remote sensor is used with the *GEN X* zoning system.

The wireless remote sensor controls and modulates zone dampers based on variance from set point to a position that will match the supply load to the demand requirement. When the HVAC unit is running, if a remote sensor is not calling or is calling for the opposite mode, its corresponding damper fully closes. When the HVAC unit is not running, the remote sensor will instruct its corresponding damper to go into Vent mode to provide ventilation, if the indoor blower fan is running continuously.

An optional remote sensor with occupancy sensor (part # WROSX) detects movement in the space. When motion is identified the sensor wakes and initiates heating or cooling calls based on the current room temperature and set point in that zone. If the sensor detects no movement for 30 minutes the zone will set back 5° from its occupied set point to conserve and save energy.

The Remote Sensor provides local adjustment of +/- 2 degrees from set point using the sensors slide pot. Auxiliary or supplemental heat sources, i.e. base board, radiant panels, or reheat coils may also be controlled and energized from each remote sensor if required.

Use the *GEN X* mobile app to set and review one or more remote sensors. Sensor can be setup with daily schedules, priority votes and over ride functions which are all programmed to the remote sensor from *GEN X* mobile app.

TECHNICAL DATA

Electrical:

Supply Voltage: Two AAA Batteries

Inputs:

- Thermistor

Communication: MiWi wireless protocol

Proprietary wireless network protocol, with up to 100' transmission range.

Environmental:

Operating Temperature: 30° to 140° F (-1° to 60° C)

Operating Humidity: 5 to 95% non-condensing

Storage Temperature: 0° to 150° (-18° to 66° C)

General:

Dimensions: 2.75" W x 4.5" H x 15/16" D

Temperature Range: +/- 2° F

Accuracy: +/- 0.8° F

Color: White

Mounting: Base with terminal strip and removable Face cover. Interior installation only

Notes: Compatible only with *GEN X*

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