

WIRELESS PROGRAMMABLE THERMOSTAT



SUBMITTAL



Wireless 
**Communicating / Modulating
Zone Thermostat**
Part #WSTATX

DESCRIPTION

The wireless thermostat part # WSTATX is a microprocessor based, auto changeover, programmable communicating zone thermostat. The zone thermostat controls modulating round or rectangular commercial modulating dampers. The communicating zone thermostat is used with the *GEN X* zoning system.

The wireless zone thermostat 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 zone thermostat is not calling or is calling for the opposite mode, its corresponding damper fully closes. When the HVAC unit is not running, the thermostats open to the Vent mode to provide ventilation, if the indoor blower fan is running continuously.

All zone thermostats are synched with its respective modulating zone damper, which is equipped with a communicating damper board (CDBX).

TECHNICAL DATA

Electrical:

Supply Voltage: Two AA Batteries

Inputs:

- Thermistor

Communication: MiWi wireless protocol

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: 3 1/2" H x 4 1/2" W x 3/4" D

Temperature Display Range: 55° to 95° F

Accuracy: +/- 0.8° F

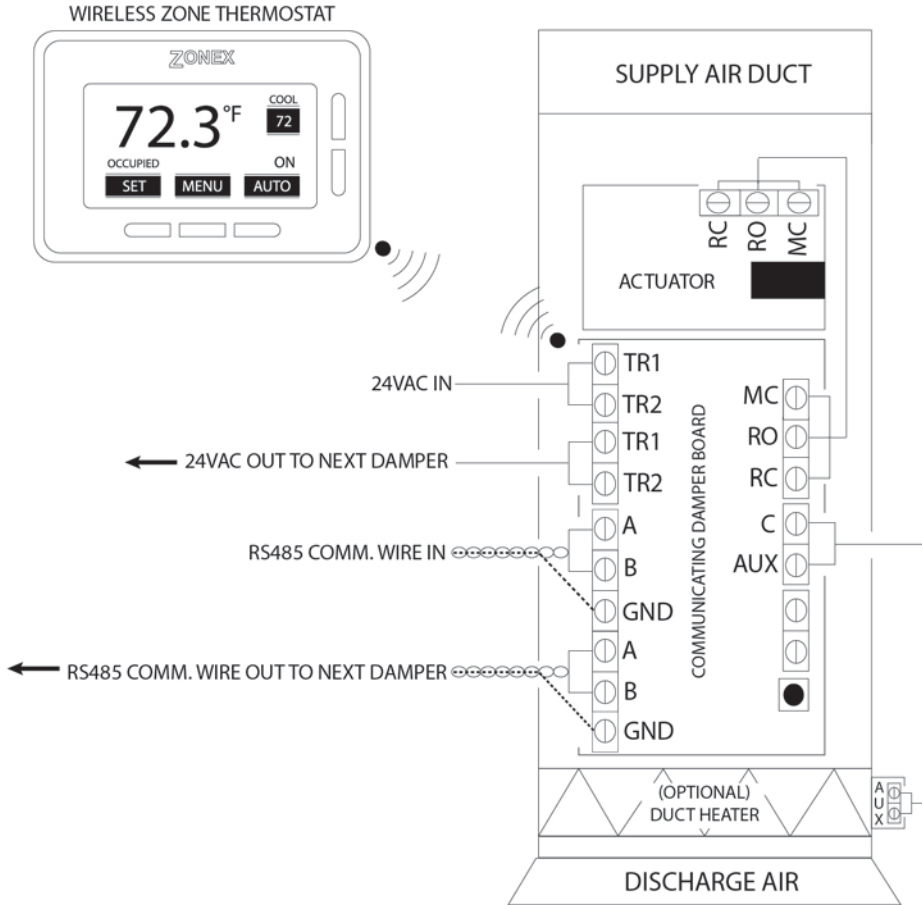
Memory: Non-volatile EEPROM

Display: 128x64 Graphic LCD

Rev 7/19/17

WIRELESS PROGRAMMABLE THERMOSTAT – PART #WSTATX

TERMINAL FUNCTIONS



24V Terminal Block

RO – Run Open, damper
 RC – Run Close, damper
 MC – Motor common
 AUX / C – Reheat/AUX Heat Fan
 TR1 – 24vac power IN & OUT
 TR2 – 24vac common IN & OUT

Communication Terminal Block

A - Data Transmit
 B - Data Receive
 GND- Ground Wire
 A - Data Transmit
 B - Data Receive
 GND- Ground Wire
 Use Zonex 3 Wire Twisted Pair

FEATURES

- Auto Changeover 7-day Programmable
- Control Fully Modulating Dampers
- Adjustable Aux or Reheat Operation
- F or C Temperature Operation
- Wireless Access
- Control round, rectangular dampers or D-Fuser
- Review function of all system operations
- Set point lock
- Auto / off switch
- Non volatile memory retains stored Set points, time, date, and schedules
- Slave capability – up to 3 dampers per stat
- Minimum or Maximum position adjustment

ACCESSORIES

<u>Part No.</u>	<u>Description</u>
WKITX	RetroZone Kit, Includes Wireless Zone Stats, Actuator and Communicating Damper Board
CDBX	Replacement Damper Board to interface with wireless thermostats
WRS	Remote Sensor