



TP-Z-RDASW

VIVE Comfort

P.O. Box 3377
Springfield, MO 65804

Toll-Free: 1-800-776-1635 **Web:** www.vivecomfort.com

Hours of Operation: M-F 9AM - 6PM Eastern



Caution:

Equipment damage hazard

Do not operate the cooling system if the outdoor temperature is below 50° F (10° C) to prevent possible compressor damage.

This manual covers the following models:

- **TP-Z-RDASW** (Requires TP-Z-955W - Master Zoning Thermostat)

Congratulations on purchasing our Wireless Zoning System.

This Discharge Air Sensor was designed to the highest reliability and ease of use standards. Thank you for choosing our quality products.

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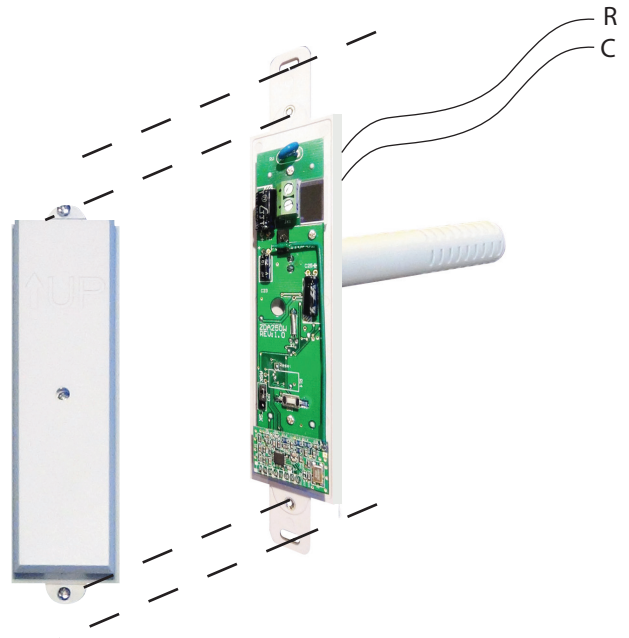
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Power Type

24 VAC (Hardwire)

Installation / Wiring

1. Drill a 3/4" hole in the supply duct at least 36" from heat exchanger/coil and before the first zone damper, in relation to airflow.
2. Remove cover and Wire R and C to the 24V equipment transformer. (with power off)
3. Mount on supply duct, leaving covers off for linking procedure, if needed. (If supplied in 2 Zone Kit it will already be linked).
4. The Sensor must be powered with 24 VAC. We recommend wiring it to the equipment board.

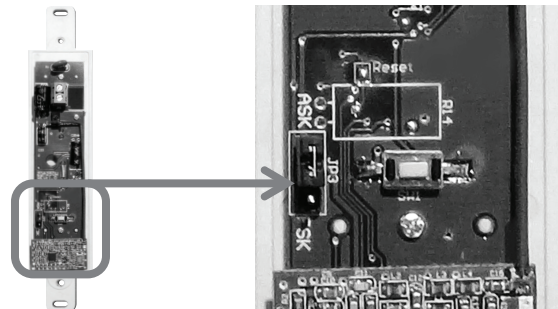


Remember

Our Wireless Zoning System contains selectable wireless communication. Each component has a jumper switch labeled FSK and ASK. Default setting: FSK. All components must be set to the same position for wireless communication. This selectable communication option is available to you in case you have a device you are pairing with that only has the ASK option.

Inside of Sensor

FSK/ ASK Switch



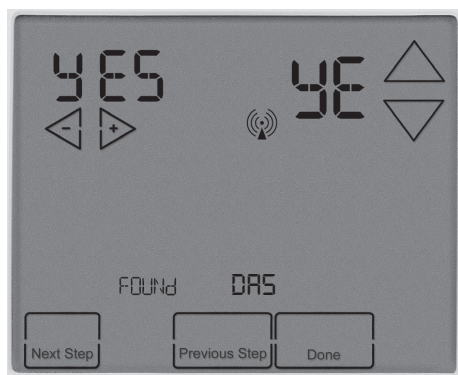
Wireless Range

Range between the sensor and the Master Thermostat is approximately 100 feet with no obstructions and approximately 50 feet in standard residential metal, brick, and concrete construction.

Connecting to the Master Zone Thermostat

Easy, two step communication link set up.

1. The Master Thermostat Tech setting for the discharge air sensor must be set to **YES**.
See **Master Thermostat** manual for instructions.
2. While the **Master Thermostat** is on the Discharge Air Sensor screen, and set to yes, hold down the connection button on the inside of the **Sensor** until the **Master Thermostat** shows the letters **YE** and says **Found DAS**.



Example Step 2.
Found Discharge Air Sensor Screen

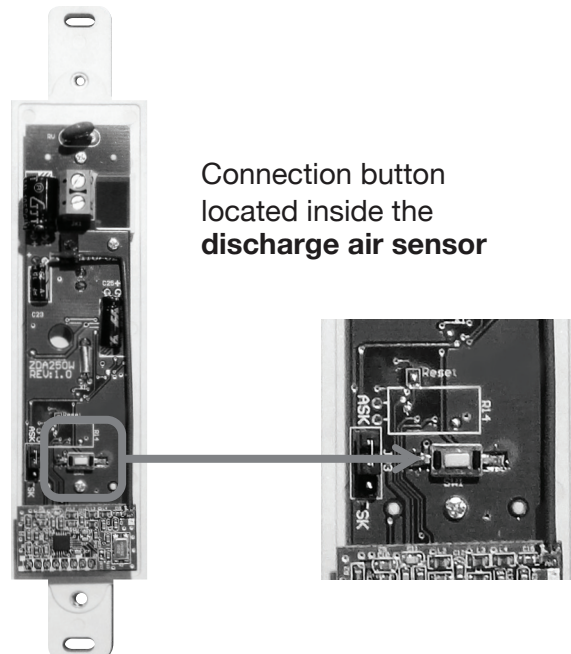


Important:

DO NOT press the connection button again after Step 2 (above) has been completed. Holding the button a second time will break the communication link and the connection steps will have to be repeated.

NOTE:

Refer to Master Thermostat Technician Setup Menu to set High & Low limits.



Communication Note

The discharge air sensor sends a temperature reading signal to the Master Thermostat every 5 minutes, or if a set temperature limit has been reached.

If the temperature has exceeded a set limit, the Master Thermostat will shut off the heat or cool source while leaving the fan energized.

It remains in this mode until the next temperature reading signal. (5 Minutes)

At that time if the temperature limits are not exceeded, the heat or cool source will be energized if there is still a call.

Industry 'Average' Limits

High limit:

- Heat pump: 120-140* F
- Electric/Gas Furnace: 140-160*F

Low Limit:

- 45*F for most systems

CONTACT US AND WARRANTY INFORMATION

Warranty Registration:

Your new thermostat has a 5 year limited warranty. You must register your warranty within 60 days of installation. You can register your new thermostat in 2 ways.

- ① Go to our company website, select warranty registration and fill out a short registration form.
- or -
- ② Complete the form below and mail it to the address shown.

Warranty Registration:

Name: _____

Address: _____

City: _____

State: _____

Zip: _____

Thermostat Model: _____

Date Installed: _____

Complete form and mail to:

Thermostat Warranty Registration

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