VIVE COMFORT

TP-Z-DPMW

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

This manual is used
to setup damper modules:

- **TP-Z-DPMW**
  (Requires TP-Z-955W for Master Zone (zone 1) and TP-Z-RISW for additional zones)

Congratulations on purchasing our Wireless Zoning System.
This Damper Module was designed to the highest reliability and ease of use standards. Thank you for choosing our quality products.

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.

A trained, experienced technician must install this product.

Carefully read these instructions. You could damage this product or cause a hazardous condition if you fail to follow these instructions.

Table of Contents

Power Type

24 VAC (Hardwire)

Damper Module(s)

The Damper Module is designed to operate with 24VAC 2-wire and 3-wire zone dampers.

The Damper Module(s) must be hardwired with 24VAC connected to R and C.

The zone damper will be connected to the NC, C, and NO terminals on the left side of the subbase.

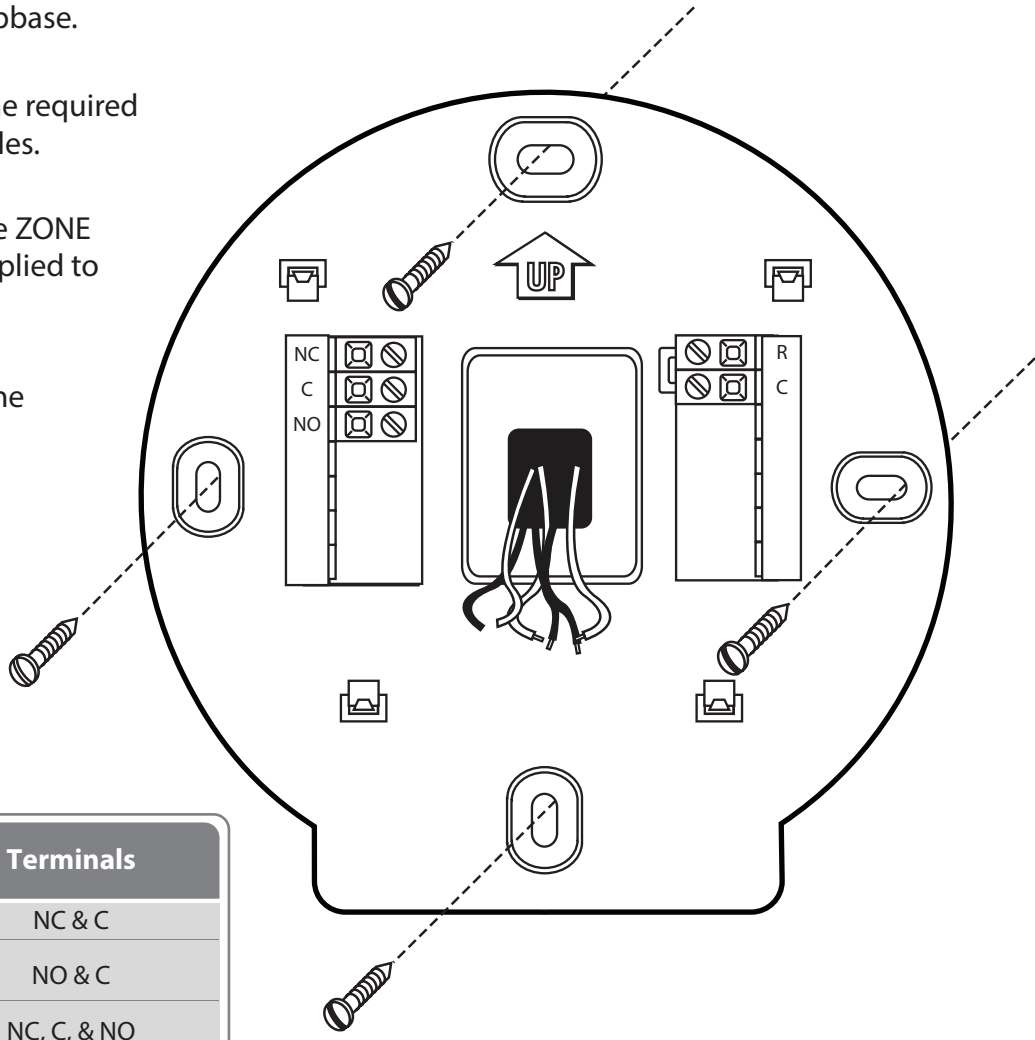
The Master Thermostat will transmit the required damper position to the Damper Modules.

When the damper position is open, the ZONE LED will be flashing. 24VAC will be supplied to NC and C terminals.

When the damper position is closed, the ZONE LED will be solid. 24VAC will be supplied to NO and C terminals.

Wire the terminals according to the damper type used.
(See page 3 for instructions)

Caution:
Electrical Hazard
Failure to disconnect the power before beginning to install this product can cause electrical shock or equipment damage.



Damper Type	Terminals
Normally-Closed, Power-Open	NC & C
Normally-Open, Power-Close	NO & C
Power-Open/ Power-Close	NC, C, & NO

NOTE: To link damper module(s) to a desired zone, see page 4 for establishing communication.

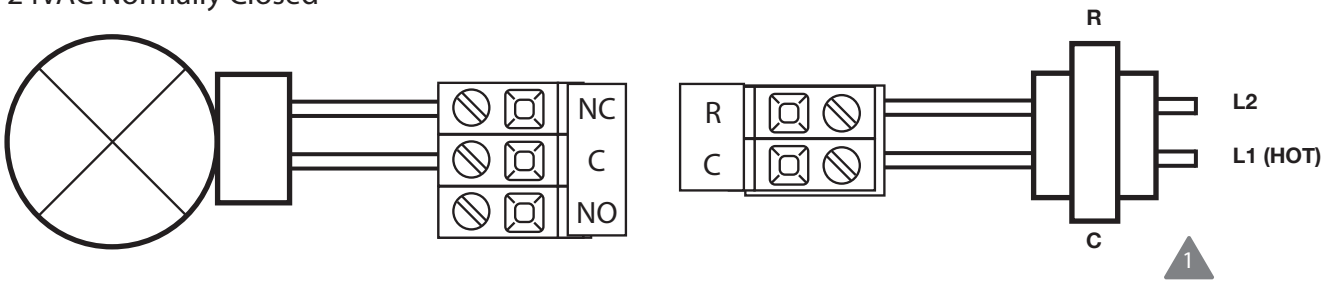
NOTE:
Static/ Barometirc Bypass damper is recommended on all systems for safe and efficient zoning. This system does not control bypass dampers.

Damper Module(s)

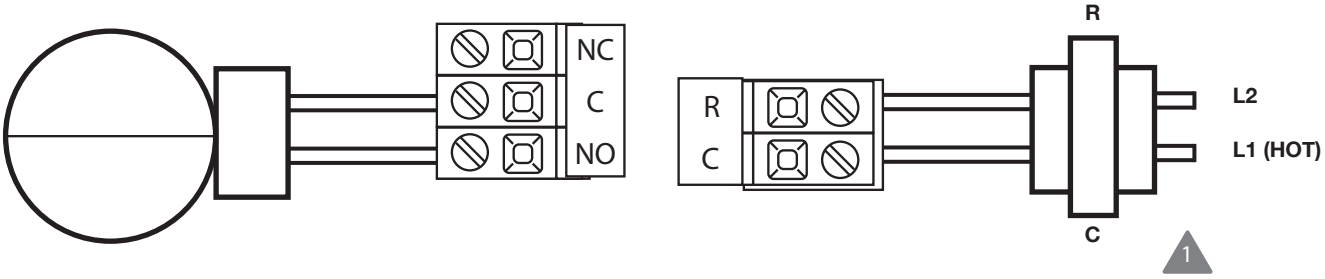
1 24VAC Transformer

Caution:
Electrical Hazard
Failure to disconnect the power before beginning to install this product can cause electrical shock or equipment damage.

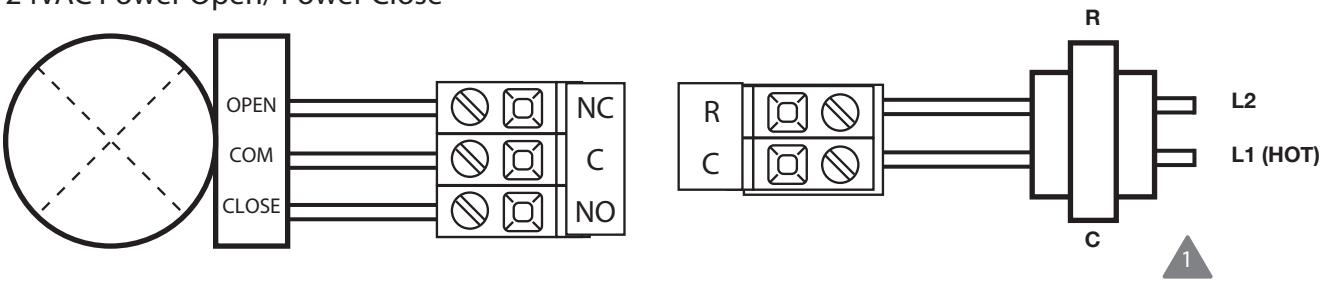
Motorized Damper
24VAC Normally Closed



Motorized Damper
24VAC Normally Open



Motorized Damper
24VAC Power Open/ Power Close



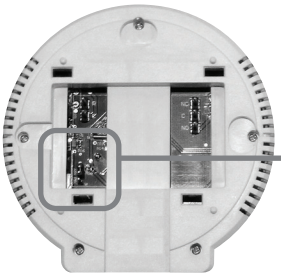
NOTE: Multiple Damper Modules and zone dampers can be powered by one 24VAC transformer. It may be necessary to use a transformer separate from the HVAC system transformer. Multiple 24VAC motorized dampers can be controlled by one Damper Module.

ESTABLISHING COMMUNICATION

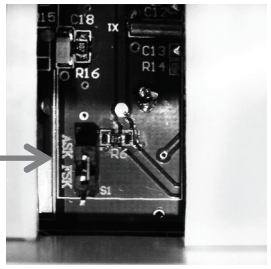
Remember

This 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.

Back of Damper Module



FSK/ ASK Switch



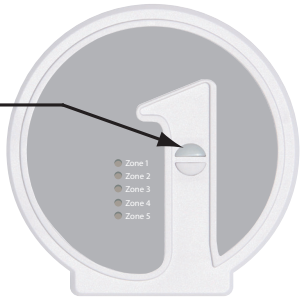
Establishing Communication between Master Thermostat and Damper Module

Once the Damper Module(s) are hardwired/ powered, follow the steps below to link their communication with the Master Thermostat. Keeping in mind…

1. If you only need one Damper Module to control the Master Zone1, it is already factory linked to the Master Thermostat, out of the box.
2. If you need multiple Damper Modules to control a single zone, they all need to be linked to that particular zone with the same procedure.
3. Each Damper Module will open and close the damper(s) for the zone that it is configured to control.
4. Each Damper Module will indicate the Zone Number it is configured for by using the Zone 1-5 LED indicators.

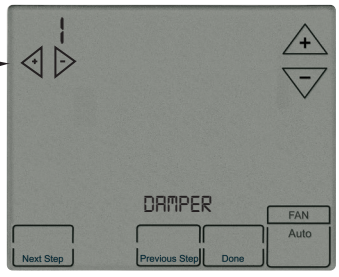
Linking Procedure

Step 1.



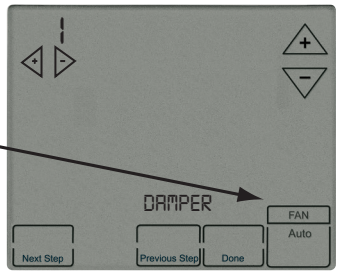
Step 1 To put the Damper Module(s) in learn mode;
Hold the Learn Button until it's communication LED begins flashing steady. Note all parts must have power to perform linking procedure.

Step 2.



Step 2 With the Master Thermostat enter Tech Setup Mode, then proceed to the Link Damper Module Step (See page 16 of the Master Thermostat Installation Manual). This step connects the Master Module to the Damper Module(s). Use the − and + to select the Zone Number, Zone 1-5.

Step 3.



Step 3 With the desired Zone Number selected on the Master Thermostat and the Damper Module(s) in Learn Mode (LED flashing), press and hold the FAN key on the Master Thermostat to Link and Configure the Damper Module for the Zone Number shown the Master Thermostat.

Specifications

Damper Module

Load rating	3 amps per terminal/3 amps total
Power source	18 to 30 VAC, NEC Class II, 50/60 Hz
Operating ambient	32ºF to +105ºF (0º to +65ºC)
Operating humidity	90% non-condensing maximum