



Smart Zone Field Installation Guide

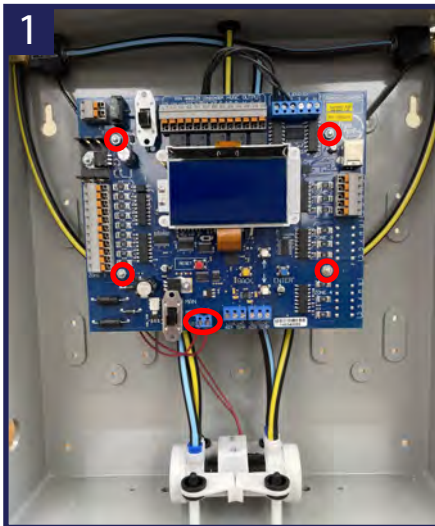
Required Tools:

- Thermostat Screwdriver
- 1/4 in. Nut Driver
- Phillips-Head Screwdriver
- Snips to Cut Tubing

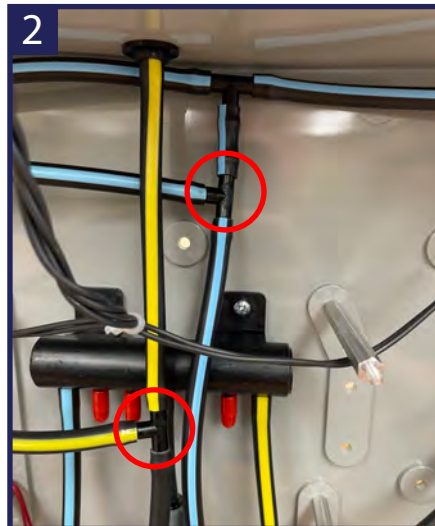
Arzel Technical Support

1-800-611-8312

techsupport@arzelzoning.com



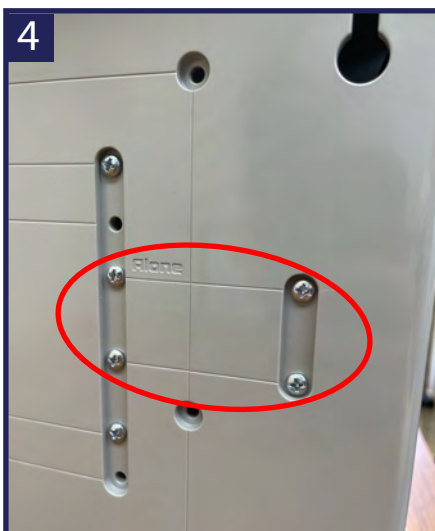
Remove the panel from the wall. Unscrew the two red wires for the pump from the main circuit board. Remove the 1/4 in. hex nuts that mount the board in the panel and lift the circuit board off the standoffs.



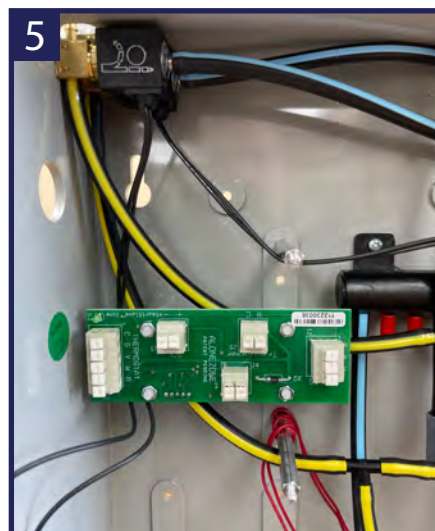
Cut into the existing blue and yellow tubing trees and insert the provided tees with blue and yellow tubing. These tubes will run from the provided solenoid to the existing yellow and blue tubing ladders.



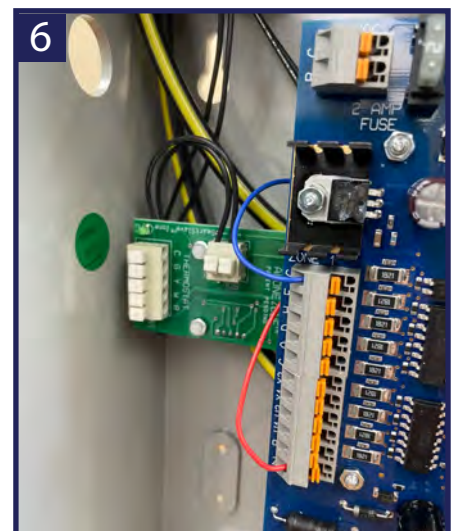
Insert the provided solenoid, and mount it into a space at the corner of the panel using two of the provided screws. Ensure that port #2 is pointing out of the panel. Connect the tubes from step two as shown.



Use the remaining four screws to mount the four provided plastic standoffs. Place the screws in the four holes labeled "Alone" on the back of the panel.



Mount the provided circuit board onto the newly mounted plastic standoffs. Use the four provided 1/4 in. hex nuts to fix the circuit board in place.

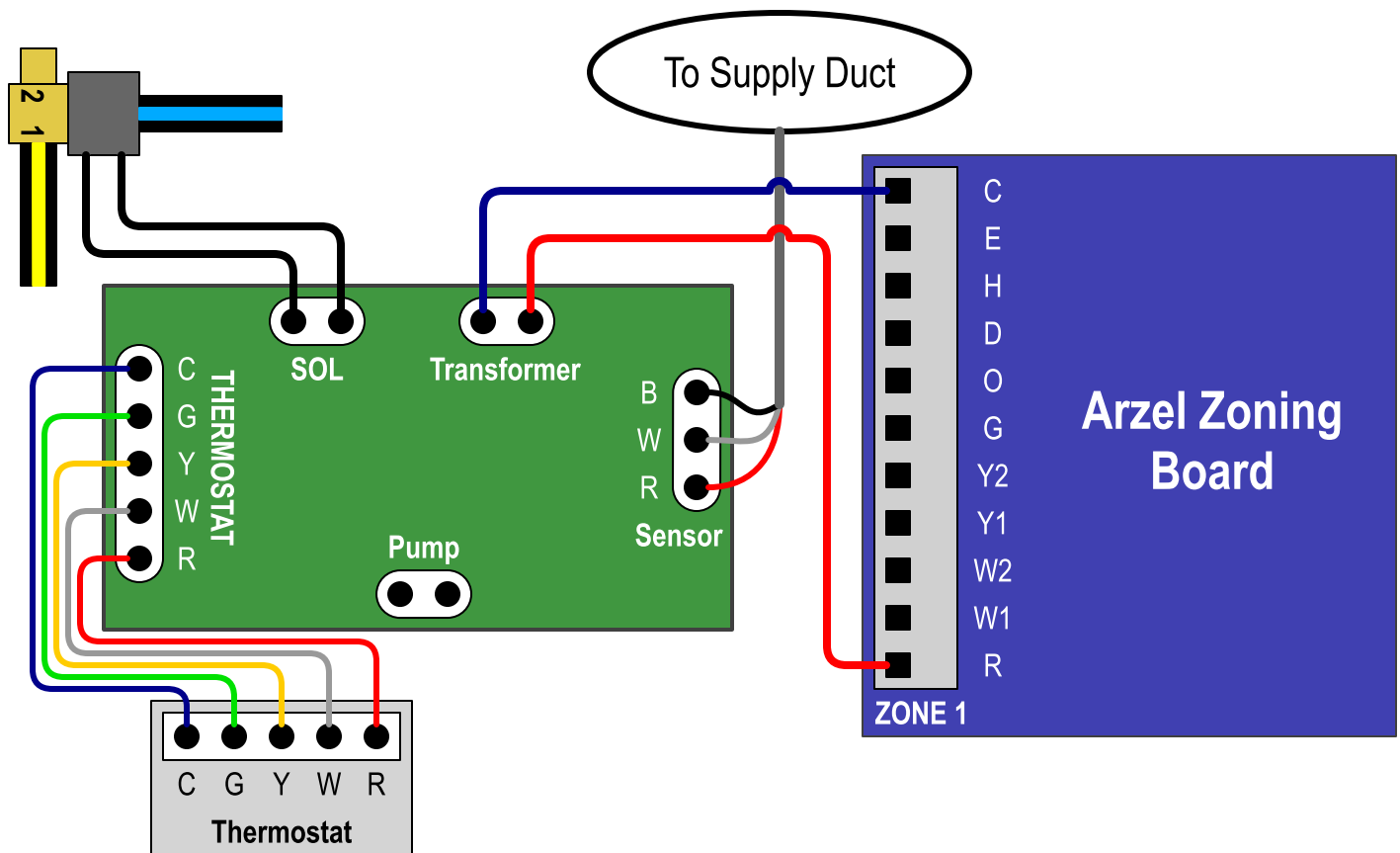


Follow the wiring diagram on the next page to connect wires as needed. Then re-mount the main circuit board, and complete the wiring as shown.

The supply air temperature sensor must be mounted in the supply duct for the Smart Zone to operate. The sensor must be located in the supply trunk, placed near the equipment before any dampers, branch runs, or bypass. If additional wire length is required, thermostat wire can be added.

Damper opens based on supply air temperature range and thermostat call:

- Heating: Supply Temperature is greater than 90°F
- Cooling: Supply Temperature is less than 66°F
- Fan: Supply Temperature is between 70°F and 80°F



Connecting Multiple Boards

