



## Frequently Asked Questions

### What problems can the AAZ solve?

- Divide existing stations with a new valve to correct pressure problems.
- Provides an additional valve to systems that have a spare station on the controller.
- The extra valve can be a master valve.

### Can more than one AAZ be used on a controller?

Yes. Just make sure that there is a station in between each the blue and brown wires so that the AAZ switch will work properly. Ex. 1 and 3 for one, then 2 and 4 for the other. Also, a single wire should be used for 2 valves only, not 4 valves.

### Will the AAZ work on all controllers? Which ones will it not work with?

The controller being used must be at least 24 Volts for the AAZ to work properly. Some of the newer controllers are using an electronic fuse, such as the Rain Bird ESP controllers, which will prevent the AAZ from working properly. In this case, we recommend the AAZ TX Power and Signal Booster to resolve this issue. The AAZ TX is to be used in conjunction with the AAZ. As of yet, we do not have a comprehensive list of controllers that do or do not work with the AAZ.

### How far away can a valve be from the controller and still have the AAZ work?

The valves should be no more than 500 feet from the controller (total wire run). Valves farther than this may not work properly with the AAZ. In these cases, use the AAZ TX in place of the AAZ transmitter at the controller.

### If the AAZ is not working what should I check first?

1. Make sure each of your connections are good.
2. Test the solenoid and controller with a Volt/Ohm meter to make sure they are working properly.
  - a. Make sure there is no damage to the field wire.
    - i. If there is damage to the wire the resistance will read well below 30 Ohms. Use a different wire if possible.
  - b. Ensure solenoid is working properly.
    - i. If the solenoid is working well the Ohms (volts) should read around 30 Ohms. If it is well below you have a damaged solenoid. Replace solenoid and test again.

## The LED lights on the AAZ are not coming on when I turn on the power?

If the LED is not doing anything when you turn on the power, the AAZ is not getting power and you need to make sure everything is wired correctly. The Green LED will light up when station 1 is powered and the Red LED will light up when station 2 is powered.

## Can I control each station individually?

Yes. Each station can be controlled on its own. No sharing or splitting of run time. This is the great advantage of the AAZ over similar products. Be sure to have at least 1 station in between each zone if possible so that it can properly switch. (Ex. Stations 1 & 3 and not 1 & 2)

## What is the AAZ TX Power & Signal Booster (RCO860009TX) that is referred to on the back of the AAZ packaging? How can it help me?

The Add-A-Zone TX is a transmitter designed to overcome problems presented by irrigation controllers that have low set level electronic fuses or indeed poor AC power output from the stations or zones of the controller.

The power & signal booster is used to replace the “bullet” at the controller end when the conditions like the following exist:

- The controller has an electronic fuse that keeps tripping.  
HINT: If this happens the first thing to try is to separate the stations the Add-A-Zone is connected to by a normal valve.
- If the irrigation controller is putting out a DC current or the power output is not a “clean” alternating current (AC) positive & negative wave form.

The AAZ TX works by taking power directly from the transformer and switching this power to the field cables. It is separately fused to protect the zones connected from problems in the field wiring or coil short circuits. It by-passes the electronic fuse in the controller for the 2 zones connected.



**Two valves on one wire:  
Let Add-A-Zone solve your irrigation problems**