



Solenoid Valve Instructions

Operation:

This valve stays closed until power is supplied to it. It is setup for connection to standard $\frac{3}{4}$ " water faucets / hoses. Those connectors can be removed to allow for connection to $\frac{3}{4}$ " pipe threads instead. Just make sure you follow the water flow arrow on the valve (see picture below).



This valve can be automated with different controls for a number of purposes. Some of the most common are:

- **Misting system automation.** This can be for cooling for which a thermostat or cycle timer controls are preferred, adding humidity for which a humidistat humidity controller works best for, or misting in seedlings / starts to keep the soil moist for which a cycle timer is most commonly used.
- **Drip or sprinkler system automation.** These systems generally require less frequent and longer run times making a 24 hour or 7 day timer more ideal.

Troubleshooting:

My valve is hot to the touch. It is normal for the valve to heat up during prolonged operation. They are not recommended for continuous duty periods of over 60 to 90 minutes.

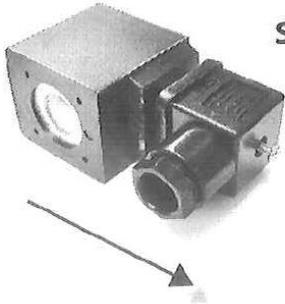
My valve does not allow water to flow through, but I do here the valve snap. Make sure it is hooked up so that the water is flowing through the valve in the right direction. Disconnect the water source from the valve, and make sure water is flowing without obstruction. Make sure the inlet screen in the female hose connector is free of debris.

My valve does not allow water to flow through, and I do NOT here the valve snap. Bypass the controller, and plug the valve directly into an outlet to make sure the problem is not the controller. If there is still no snap and no water flow, the problem is most likely a wire that has come loose and needs tightening. Please follow the instructions on the next page.

Solenoid Valve Disassembly



Step 1: Remove DIN-connector from the coil after loosening the Philips-head screw



Step 2: Remove the Philips-head screw completely



Step 3: Open the DIN-connector housing by using the "pry-slot"

Step 4: Connect "Hot" wire to Terminal 1, "Neutral" to Terminal 2, and Ground to "ground"

