



Wiring the Valve (See figure above.)

The DV valve comes with two lead wires, both black. Either one may be used as the common or as the hot wire back to the controller.

- Select a wire gauge which will allow you to run back to the controller with minimal loss ([click here for wire size table](#)). Most often, multi-strand direct burial wire will be preferable.
- All valves going back to the controller can utilize the same common wire. If the valves are manifolded, simply wire the valves together using water tight connectors and run one common wire back to the controller. If the valves are separated, run one common line and splice it to the remote valve common at each location.
- Each individual station must be wired separately to activate. Select a wire color and use a water tight electrical connector to wire the valve back to the controller. This wire runs directly from the valve back to the controller and is not ganged with any other wires. The use of Rain Bird ST-03 Waterproof connectors are recommended for all water tight connections.
- Hook up all wires back into the controller by positioning a hot wire for each valve onto a controller terminal strip and connecting all the commons back to the correct position on the controller.