

## WaterCop Pro Large Valve Installation RK110VAC

A Large Valve application for 3" and 4" is much the same as standard, but it incorporates an industrial actuator required to torque the larger valve. Please note that this guide is for wiring placement only. Wiring is done through the ½" conduit connection. You should follow your best practices and follow local codes.

**⚠ WARNING!** The valve closes with great force and could cut off a finger. Keep fingers and other objects out of the valve when testing.

- 1) Remove the **WCEH Series** DynaMatic industrial actuator, **RK110VAC** relay kit, and **WPC/H** from their boxes so you can wire them.
- 2) Remove the four Allen-head bolts and take off the top cover to expose the wiring terminals in the **WCEH Series** actuator. (Reference Image # 1)
- 3) Remove the plastic plug from the ½" conduit port by the numbered terminal strip.
- 4) Run the leads for the **WCEH Series** actuator from the **RK110VAC** through the ½" conduit port.
- 5) Connect the leads, starting with the ground screw, from the **RK110VAC** to the designated terminals in the **WCEH Series** actuator shown below. (Reference image #2)
- 6) Tighten the strain relief and replace the cover and tighten the four Allen bolts.
- 7) Run or leave the factory-installed jumper wires between terminals 2 & 4 and 3 & 5 on the **WPC/WPCH** terminal strip. (Reference Image #3)
- 8) Wire the 2-cable leads from the **RK110VAC** to the 12V and RLY terminals in the **WPC/WPCH**. (Reference Image #4)
- 9) Power the **RK110VAC** and the **WPC/WPCH**.

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- 10) You are now ready to test the system. Please refer to the 'Before Installing the Valve' section of the WaterCop Pro Instruction Manual.
- 11) After successful testing, you're ready to install the valve/ industrial actuator. Please refer to the 'Valve Installation' section of the WaterCop Pro Instruction Manual.
- 12) Now you're ready to install the Leak Sensors. The Pro sensors install and operate as usual. Refer to the 'Installation of Leak Sensor' section of the WaterCop Pro Instruction Manual.



Image # 1



Image # 2



Image # 3



Image # 4

Lead Color	Terminal #
White	1
Black	3
Red	4
Green ground	Green Screw