

WaterCop Pro 1 ½” & 2” Large Valve Installation Guide

A Large Valve application (1 ½” or larger) is much the same as those less than 1 ½”, 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, **Connect Cable**, and **WPC/H** from their boxes so you can wire them.
- 2) Loosen the small Allen-head screw in the side of the indicator arrow on the **WCEH Series** actuator (1 ½” and 2” models) then gently pry off the indicator arrow with a screwdriver.
- 3) Remove the four Allen-head bolts and take off the top cover to expose the wiring terminals in the **WCEH Series** actuator. Save the gasket for step 6. (Reference Image # 1)
- 4) Run one end of the **Connect Cable** through the strain relief then ½” conduit port and fully tighten the strain relief.
- 5) Connect the leads from the **Connect Cable** to the designated terminals in the **WCEH Series** actuator. (Reference image #2)
- 6) Replace gasket, cover, and indicator arrow.
- 7) Wire the leads from the opposite end of the **Connect Cable** to the ‘Remote Valve’ terminals in the **WPC/WPCH**. (Reference Image #4)
- 8) Power the **WPC/WPCH**.



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- 9) You are now ready to test the system. Please refer to the ‘Before Installing the Valve’ section of the WaterCop Pro Instruction Manual.
- 10) 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.
- 11) 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.

