



PEX

QHADJACTS

Adjustable Zone Valve Actuator With End Switch



US 1.855.ONE.ZURN CANADA 1.877.892.5216

ZURN.COM

Preparing the Zurn QHADJACTS Actuator for Installation

Put the adjustment tab in the 0 Position (if not already there) by holding the black body of the actuator while pulling and turning the white cap of the actuator counterclockwise (See Figure 1). Push the inner body of the actuator with your thumb (See Figure 2). This will move the black pop-up operating indicator near the top of the white cap (See Figure 3). Repeat this preparation for every actuator.



Figure 1



Figure 2



Figure 3



- If installing the QHADJACTS actuator onto the Zurn QuickZone or Accuflow brass manifolds the threaded adapter and spacer (included) are required, go to **SECTION 1**.
- If installing the actuator onto the Zurn AccuFlow stainless steel manifold go to **SECTION 2**.
- If installing the actuator onto the QHSZV Zone Valve or QHDV5 diverter valve go to **SECTION 3**.

SECTION 1

PREPARING THE ZURN QICKZONE OR ACCUFLOW BRASS MANIFOLDS FOR ACTUATOR INSTALLATION

- Turn the white knob of the 1st isolation valve counterclockwise, until it stops, to open the valve fully (See Figure A1).
- Position two flat blade screwdrivers underneath the bottom plastic of the knob assembly and pry the knob assembly up and off using the header as a fulcrum (See Figures A2, A3 and A4).
- Snap the threaded adapter onto the fitting where the knob assembly was previously attached by aligning the notches in the threaded adapter with the tabs on the fitting (See Figures B).

Figure A1

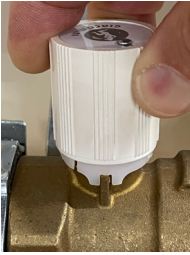


Figure A2



Figure A3



Figure A4

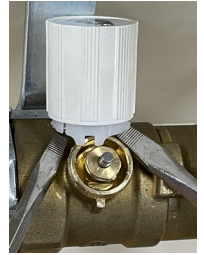


Figure B1



Figure B2



SECTION 1 (CONT)

INSTALLING ACTUATOR ONTO ZURN GICKZONE OR ACCUFLOW BRASS MANIFOLDS

- Position the actuator with the ring nut facing toward you.
- Place the spacer into the body of the actuator with the large side entering first. The spacer should fit loosely (See Figures C).
- Hold the spacer in place with your finger while positioning the actuator over the threaded adapter (See Figures D). Screw the ring nut of the actuator onto the threaded adapter being careful not to cross thread. Tighten securely by hand (See Figure E).
- Put the adjustment tab in the 3 position by holding the black body of the actuator while pushing and turning the white cap of the actuator clockwise. The black pop-up operating indicator should be just above the white cap. (See Figures F).
- Repeat Section 1 instructions for the remaining white knobs on the manifold. When completed go to Section 4.

Figure C1



Figure C2



Figure D1



Figure D2

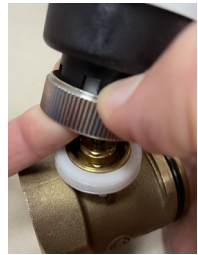


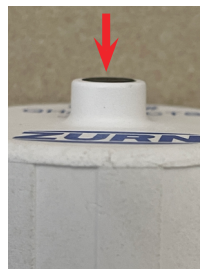
Figure E



Figure F1



Figure F2



SECTION 2

PREPARING THE ZURN ACCUFLOW STAINLESS STEEL MANIFOLD FOR ACTUATOR INSTALLATION

- Turn the white knob of the 1st isolation valve on the manifold counterclockwise a few turns to open the valve (See Figure G1)
- Remove the knob by gripping the bottom of the knob with your fingers (or with pliers if necessary) and turning counterclockwise until the knob is detached (see Figures G2 and G3).

Figure G1

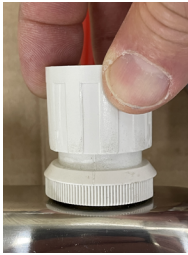


Figure G2



Figure G3



INSTALLING ACTUATOR ONTO THE ZURN ACCUFLOW STAINLESS STEEL MANIFOLD

Note: Do not use the spacer and threaded adapter for this installation.

- Screw the ring nut of the actuator, clockwise, onto the threads of the manifold, where the knob was previously attached, and tighten securely by hand (See Figure H).
- Put the adjustment tab in the 4 position by holding the black body of the actuator while pushing and turning the white cap of the actuator clockwise (See Figure J1).
- The black pop-up operating indicator should be just above the white cap (See Figure J2). Repeat Section 2 instructions for the remaining white knobs on the manifold. When completed go to Section 4.

Figure H



Figure J1

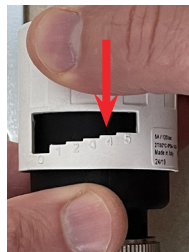
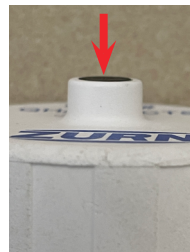


Figure J2



SECTION 3

INSTALLING ACTUATOR ONTO THE ZURN QHSZV ZONE VALVE OR QHDV5 DIVERTER VALVE

Note: If the zone valve or diverter valve has a cap on the stem threads remove the cap. Do not use the spacer and threaded adapter for this installation.

- Screw the ring nut of the actuator, clockwise, onto the threads of the zone valve or diverter valve and tighten securely by hand (See Figures K).
- While holding the black body of the actuator push and turn the white cap of the actuator clockwise to the next numeric position (See Figure L1).
- Stop at the position that puts the black pop-up operating indicator just above the white cap. Usually position 3 or 4 (See Figure L2). Go to Section 4.

Figure K1



Figure K2



Figure L1



Figure L2

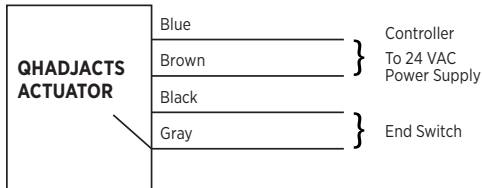


SECTION 4

WIRING ACTUATOR

Connect the wires of the actuator cable to the appropriate terminals of the controller that you are using. Use the black and gray wires only when the end switch is needed (See Figure M).

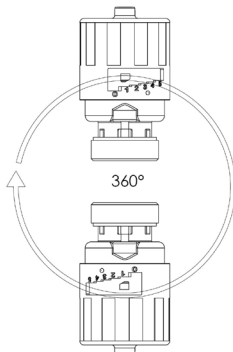
Figure M



GENERAL OPERATION

- 1 The QHADJACTS can be mounted in any position (See Figure N).
- 2 Putting the actuator into position 0 (manual override position) enables the installer to open and allow flow through the zone valve or manifold loop without powering the actuator.
- 3 The actuator opens and closes slowly. It can take up to 5 minutes to fully open or close.
- 4 The actuator should be set to the lowest numeric position that stops the flow completely through the manifold loop or zone valve. If the actuator isn't stopping the flow after being unpowered for at least 6 minutes, adjust the actuator to the next higher position. *Note: The ambient air temperature must be between 36°F and 122°F for the actuator to operate properly.*

Figure N



*Note: Parts subject to change without notice.
For troubleshooting and repair assistance, do not return
directly to wholesaler. Call Zurn Customer Care for
assistance at 1-855-ONE-ZURN*

*See www.zurn.com/pex-limited-warranty
for warranty information.*

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