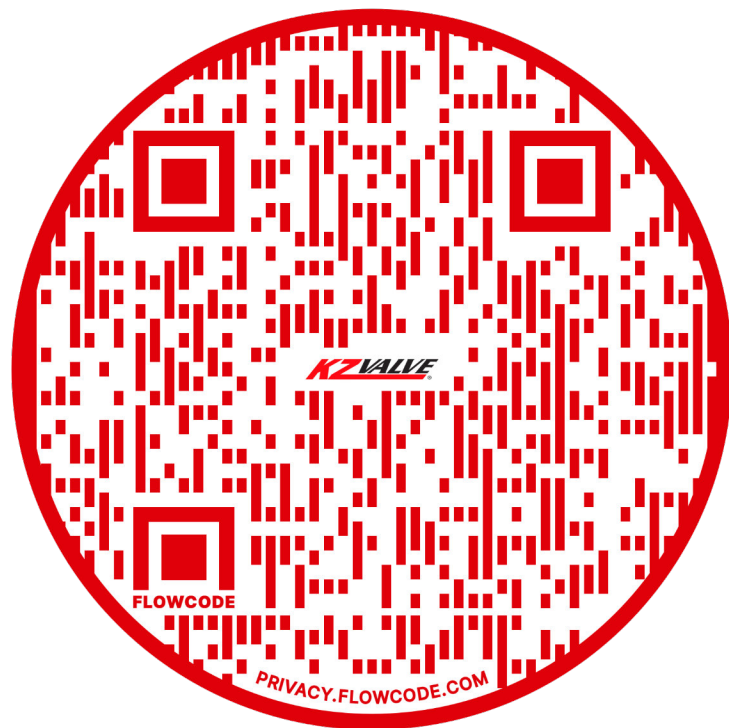


**KZValve** has provided fluid management systems to mobile industries for years. The rugged nature of mobile equipment forced a rugged design to stand up to the highest standards. As product lines have grown and capabilities have expanded, we've created a focus to provide quality solutions in these targeted industries. Filtration - Processing - Irrigation - HVAC - Car Wash - Construction

Visit [kzvalve.com/industries/water-management](http://kzvalve.com/industries/water-management) to start a conversation about a solution for you.



Scan for product information

## Why **KZ VALVE**



**KZValve** actuated valves are field tested not just to prove they are waterproof and durable, but to ensure maintenance free performance and long operating life. Actuator housings, electrical components, and valve components are all designed with your needs in mind, which is why leading original equipment manufacturers specify **KZValve** actuated valves for their products.

- Waterproof actuator housings rated NEMA 6P to protect internal components from corrosion and extends actuator life. Actuator housing is ignition safe rated to NEMA 7D.
- One-year Limited Warranty - We believe a solid warranty package allows you to purchase **KZValve** products with confidence, and it confirms the quality, reliability and long operating life our products are built to deliver.
- Valves engineered for actuation - Internal components are selected to provide long operating life and superior performance for the valve and actuator
- CAN/ISO BUS control of individual electric valves giving you flexible and reliable valve control
- Custom products - **KZValve** will help you to integrate one of our existing valves into your system, or design and build almost any actuated valve to your specifications. If you can't find it anywhere else, we'll make it to meet your requirements.

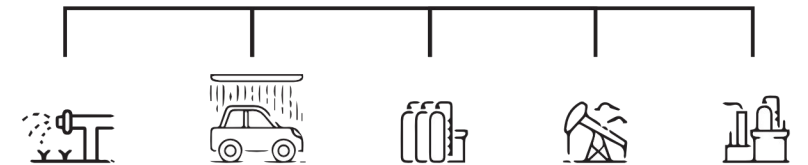
# **KZ VALVE**

*First, We Make Them Last!*



## Water Management

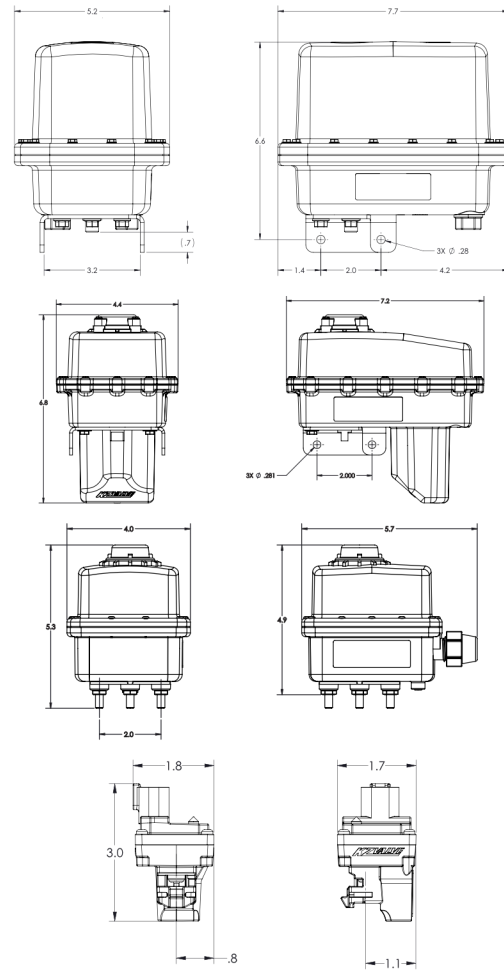
Filtration - Processing - Irrigation  
HVAC - Car Wash - Construction



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# Electric Actuator Options



# 2-Way Actuated Valves

## 50 Series

2-Way, Cast Iron or Aluminum, SS, ASME 125 - 150# ANSI Connection, 2" - 5", Max 150 PSI @ 70 °F, 720 - 2,192 C<sub>v</sub>.

## 88 Series

2-way, Full Port, SS, FNPT, ¼" - ½", Max 2,000 PSI @ 70 °F

2-way, Standard Port, SS, FNPT, ¾" - 2", Max 1,500 PSI @ 70 °F, 8.4 - 108 C<sub>v</sub>

## 89 Series

2-way, 3-Piece, Full Port, SS, FNPT, ½" - 3", Max 1,000 PSI @ 70 °F, 30 - 1,300 C<sub>v</sub>

## 92 Series

2-way, 3-Piece, Full Port, SS, FNPT, 1", Manual Handle, Max 600 PSI @ 70 °F, 68 C<sub>v</sub>

## 95 Series

2-way, Full Port, PVC, FNPT, ¼" - 2", Max 235 PSI @ 70 °F, 8 - 150 C<sub>v</sub>

## 2-Way ZipValve Series

2-Way, Standard Port, Nylon/SS, ¼" - ½", Max 300 PSI @ 70 °F, 1.4 - 5 C<sub>v</sub>

Available in QD, MNPT & PTC Connection Styles

# 3-Way Actuated Valves

## 73 Series

3-way, Standard Port, 4 Seat, SS, FNPT, ⅜" - 2", Max 1,000 PSI @ 70 °F, 6 - 143 C<sub>v</sub>

## 78 Series

3-way, Standard Port, 2 Seat, Bronze, FNPT, ½" - 2", Max 400 PSI @ 70 °F, 5.4 - 47 C<sub>v</sub>

## 79 Series

3-way, Standard Port, 2 Seat, SS, FNPT, ⅜" - 2", Max 1,000 PSI @ 70 °F, 6 - 143 C<sub>v</sub>

## S Series

2-way and 3-Way

Poly/SS, FNPT, Max 600 PSI @ 70 °F, 600 - 20 - 40 C<sub>v</sub>

¼" - ¾", Standard Port : 1" - 1½", Full Port

## 3-Way ZipValve Series

3-Way, Standard Port, Nylon/SS, ⅜", Max 150 PSI @ 70 °F, 1 - 3.1 C<sub>v</sub>

Available in QD & PTC Connection Styles

## NSF rated 61 Series

2-way, ANSI/NSF ~ Low Lead Certified for potable water, Full Port, 3-Piece, SS, FNPT, ½" - 2", Max 1,000 PSI @ 70 °F, 30-376 C<sub>v</sub>

### Electronic Control Types

- Positive/Negative signal to open
- 3-wire on/off
- 4-wire positionable PWM speed
- 4 - 20 mA proportional positioning (12/24 VDC/VAC)
- 0 - 5v proportional positioning (12/24 VDC/VAC)
- 0 - 10 v proportional positioning (12/24 VDC/VAC)
- Reversing polarity (two wires)
- RS232
- CAN/ISO BUS

### Position Feedback Options

- None
- Negative @ open and/or closed (system voltage DC) fused to 0.5 amp
- Positive @ open and/or closed (system voltage DC) fused to 0.5 amp
- Dry-contacts (NO and COM) @ open and/or closed fused to 0.5 amp
- Dry pot, 5K Ω 0.1 amp resistive load

### Operating Voltage

- 12 VDC
- 24 VDC
- 12/24 VDC
- 24 VAC and 12/24 VDC

\*Not all options available in all series, consult factory for further information

### 90° Cycle Time in Seconds (no load)

- EH2 Series Actuators - 200 in. lbs.
  - 0.5 sec.
  - 0.75 sec. @ 24 V
  - 1.5 sec.
  - 3.0 sec.
  - 8.0 sec.
- EH3 Series Actuators - 80 in. lbs.
  - 0.8 sec.
  - 1.5 sec.
  - 2.5 sec.
  - 7.0 sec.
  - 10.0 sec.
- EH5 Series Actuators - 350 in. lbs.
  - 3.0 sec.
  - 7.0 sec.
  - 10.0 sec.
  - 25.0 sec.
- EH8 Series Actuators - 1.5 in. lbs.
  - 0.2 sec.

### Waterproof Connectors

- Deutsch
- WeatherPak
- AmpSeal
- Metri-Pak
- M12

### Actuator Case Options

- Indicator Flag (standard)
- Blank Lid

### Other Options

- 180° operation
- 225° operations (regulating v-ball)
- Manual override equipped
- Valve normally closed (standard)
- Valve normally open