CONTROL VALVES

TWO-POSITION POPTOP[™] ZONE VALVES KZ SERIES



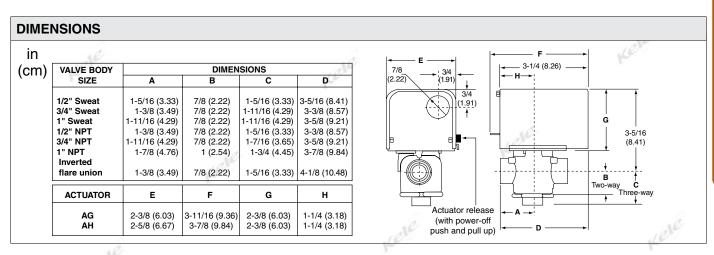
DESCRIPTION

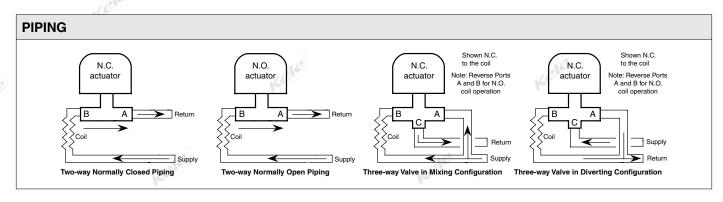
The Kele KZ Series Two-Position PopTopTM zone valves offer a wide range of models to handle chilled water, hot water, and 15 psig (103 kPa) steam applications. PopTopTM valves feature removable actuators to aid in both installation and service. They are available in 2-way and 3-way body patterns and with normally open or normally closed actuators.

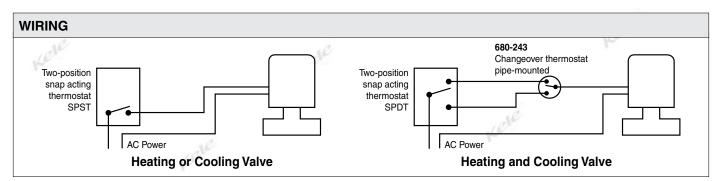
FEATURES

- Two- or three-way mixing/diverting body patterns
- Removable and replaceable actuator
- · NPT, sweat, or inverted flare connections
- · 2-position spring return control









CONTROL VALVES

TWO-POSITION POPTOP[™] ZONE VALVES *KZ SERIES*

SPECIFICATIONS

Size 1/2", 3/4", 1" Cv Range 1.0 to 8.0

Connections FNPT, Sweat, or inverted flare (3/4" only)

Flow Characteristic **Quick Opening**

Leakage Rating ANSI Class IV (0.01% of rated capacity)

Maximum Closeoff Pressure

Cv **General Operation High Performance** psid (kPa) psid (kPa) 60 (414) 75 (517) 50 (345) 40 (276) 2.5-3 3.5-4 25 (172) 30 (207) 25 (172) 5 20 (137) 7.5-8 17 (117) 20 (137)

Maximum Pressure Rating 300 psig (2067 kPa)

Materials Of Construction Brass valve body and seat, nickel-plated

stem, BUNA N paddle; stainless steel base plate and aluminum cover on

actuator

Media Compatibility Hot or chilled water; 50% or less ethylene

glycol; 15 psig steam

Media Temperature Range 32° to 200°F (0° to 93°C) with KZG

actuator; up to 250°F (121°C) with KZH

actuator

Supply Voltage 24 VAC ±10%; 120 VAC ±10%, 50/60 Hz;

208-277V models also available

Supply VA 7 VA **Supply Watts** 6.5 W

Control Signal Two-position, two-wire Wiring 18" (45.2 cm) leads

Two-way valves: N.O./N.C. determined by Action

choice of actuator; three-way valves: N.C.

actuator only

KZG (general purpose) general closeoff **Actuator Compatibility**

(GCO) or KZH (high performance) high closeoff (HCO) type actuators only Poptop®

Actuator Mounting

Auxiliary Contacts N.O. contacts, 24-240 VAC, 101mA min to

5A max; 9-30 VDC @ 100 mA max

Auxiliary Switch Models with auxiliary switch available **Drive Time** 25 seconds maximum @ 60 Hz

Manual Override N.C. actuators only

Operating Temperature KZG actuator: maximum ambient

104°F (40°C);

KZH actuator: maximum ambient

169°F (77°C)

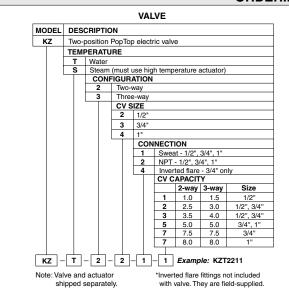
Spring Return Time 9 seconds maximum

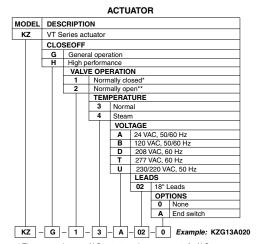
Weight Valve bodies: <1.4 lb (.64 Kg)

Actuators: 1.0 lb (.45 Kg) UL and ULc Listed; CE

Approvals Warranty 2 years

ORDERING INFORMATION





Three-way valves use N.C. actuator only; reverse ports for N.O. ** No manual override

RELATED PRODUCTS

SSTAG Stainless steel tag on bead chain, 1" x 2" dogtag, custom engraved per order

680-243-6 Changeover thermostat with conduit fitting

ACCESSORIES

FREE VALVE ASSEMBLY, JUST ASK!

30-158-A	KZG/KZH Series actuator replacement motor, 24 VAC
30-158-B	KZG/KZH Series actuator replacement motor, 110/120 VAC
30-158-D	KZG/KZH Series actuator replacement motor, 208 VAC
30-158-T	KZG/KZH Series actuator replacement motor, 277 VAC
30-158-U	KZG/KZH Series actuator replacement motor, 230/240 VAC
436-252	3///" flare-to-sweat fitting

September 2016

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