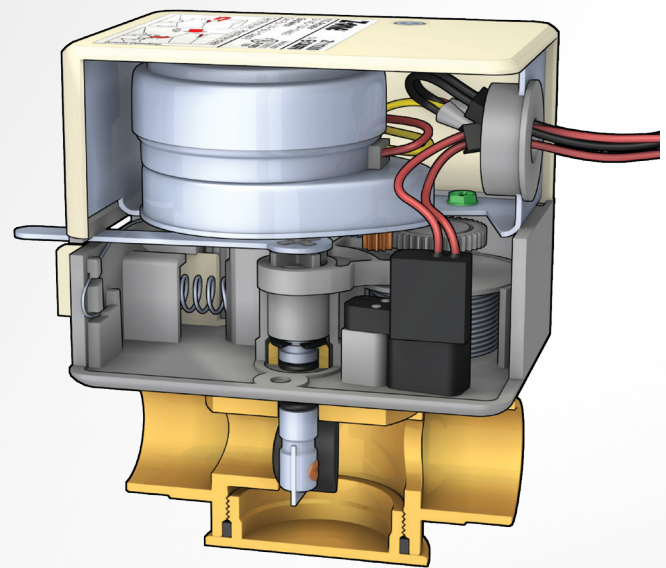




## 2-WAY ZONE VALVES **Z-one™**

Z-one™ SERIES

**CALEFFI**  
Hydronic Solutions




## FUNCTIONS AND FEATURES

- A snap on actuator allows for fast installation and easy replacement with a convenient in-line push button.
- Compact design provides quick and easy installation, the Z-one valve fits perfectly inside baseboards and fan coils..
- Suitable for all types of systems - made with materials compatible with chilled or hot water up to 240°F, 15 psi steam, and open or closed systems.
- A gear ratio of 21:1 in the actuator increases torque for high close-off pressure and increases closing time to reduce water hammer.
- Hermetically sealed end switch in 24V actuators requires no minimum current load allowing multiple end switches connected in parallel to zoning panel.
- Low power consumption allows up to five valves per 40 VA transformer.

## FEATURE COMPARISON



Features	Caleffi Z-one Series	Honeywell 8043 1000 Series	Honeywell 8043 5000 Series	Erie PopTop GCO Series	White Rodgers 1361/1311 Series	Taco ESP Series	Taco 5XX Series	The Caleffi Advantage
Configurations available from 1/2" through 1-1/4" sizes and 3 way	■	—	—	■	—	—	■	Caleffi Universal Valve reduces required sku's and inventory costs
Rated for 300 PSI static pressure	■	—	■	■	—	■	—	
Superior close off pressure (close off ≤ 30 PSI at 3.5 Cv)	■	—	—	upcharge	—	■	■	
Rated for high boiler feed and open system applications	■	—	—	—	■	—	geo models	
Forged brass body rated for 300 psi static pressure	■	—	■	■	■	—	—	
Rated for high temp water, chilled water, and steam applications	■	—	—	upcharge	—	—	—	
Can connect 5 valves on 40 VA transformer	■	■	—	■	—	■	—	Lower installed system cost
Easy to remove actuator without screws or linkage	■	—	■	■	—	■	■	In-line, push button removable actuator is simple to install in tight areas
Valve serviceable in-the-pipe	■	—	■	■	—	—	—	Removable bottom allows convenient access to parts if service were ever to be required
Corrosion/oxidation resistant enclosure	■	—	—	—	■	■	■	Withstands environmental corrosion including condensation from chilled water applications
Transmission disengagement upon valve seating	■	—	—	—	—	—	—	"Enhanced Motion" gear technology eliminates noisy motor backspin upon valve closing
21:1 drive train gear ratio	■	—	—	—	NA	NA	NA	Z-one transmission with extra gear doubles gear ratio, delivers superior close-off performance, reduces teeth stress and maximizes gear life
Extra large valve cavity	■	—	—	—	—	—	—	Suppresses water hammer effect
Optional lead-free brass body 	■	—	—	—	—	—	—	Lead Plumbing Law Compliance certified by IAPMO R&T (<.25% max) for potable water applications.

REFERENCE DOCUMENTATION: TECHNICAL BROCHURE 01115



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WE RESERVE THE RIGHT TO CHANGE OUR PRODUCTS AND THEIR RELEVANT TECHNICAL DATA, CONTAINED IN THIS PUBLICATION, AT ANY TIME AND WITHOUT PRIOR NOTICE.

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