



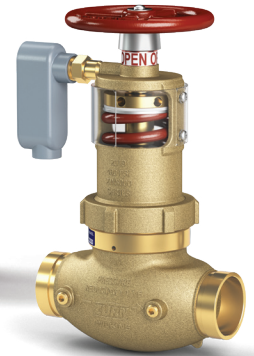
Pressure-Tru[®] Field Adjustable ZW5000/5004 Series Pressure Reducing Valve

Less Force, More Flow

Our Pressure-Tru ZW5000/5004 Series Pressure Reducing Valve fits in tight spaces, takes only 9 ft lb of torque to field adjust, and delivers optimal flow performance – making it ideal for any application, retrofit or new.



ZW5000
Pressure-Tru
Field Adjustable
Pressure Reducing
Hose Valve



ZW5004
Pressure-Tru
Field Adjustable
Pressure Reducing
Floor Control Valve

For the Contractor: The Size of It

- **Compact design** fits in tighter spaces
- **Angle or inline globe body** comes with grooved or threaded connections
- **Tamper-proof shield (standard)** drops out for easy start-up adjustments in the field for new construction
- **Lightweight aluminum adjusting rod** aids field adjustments

For the Fire Ground Force: The Ease of It

- **Low torque** takes only 9 ft lb of force to field adjust under flow or no-flow conditions
- **Tamper proof shield (standard)** breaks away for on-the-fly adjustments in cases of emergency
- **Larger handwheel** ensures easy operation.

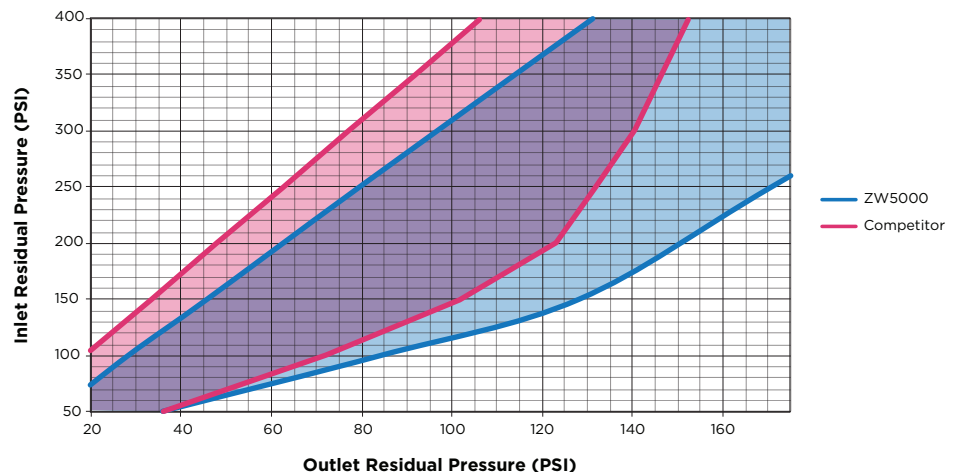
For Everyone: More Flow Performance

- **Widest range of flow performance** satisfies virtually any application or replacement of any competitor's valve
- **Valve** regulates pressure under both flow and no-flow conditions
- **Tamper resistant integral supervisory switch** comes standard on all floor control valves
- **UL[®] and C-UL[®] Listed** meets standards

ZW5000 vs. Competitor

Angle Body, 250 GPM

The ZW5000 provides up to 30 psi in higher residual outlet pressure than competitor models.



Pressure-Tru ZW5000/5004 Series Pressure Reducing Valve

Application

The Pressure-Tru ZW5000/5004 Series Pressure Reducing Valve is listed as a standpipe valve for individual hose stations in CLASS I and CLASS III systems (ZW5000), a floor control valve, an indicating valve and a check valve in automatic sprinkler systems as well as standpipe valve (ZW5004). The valve regulates pressure under both FLOW and NO-FLOW conditions and are ideal for applications where immediate field adjustments are needed. The valve can be factory set and adjusted or set in the field as needed.

Standards Compliance

- UL Listed
- C-UL Listed

Material

- **Main valve body:** Cast bronze ASTM B806
- **Stem:** Cast bronze ASTM B806
- **Flange:** Cast bronze ASTM B806
- **Elastomers:** Buna Nitrile (FDA approved), EPDM (FDA approved)
- **Springs:** Chrome silicon, ASTM A401 powder coated

Features

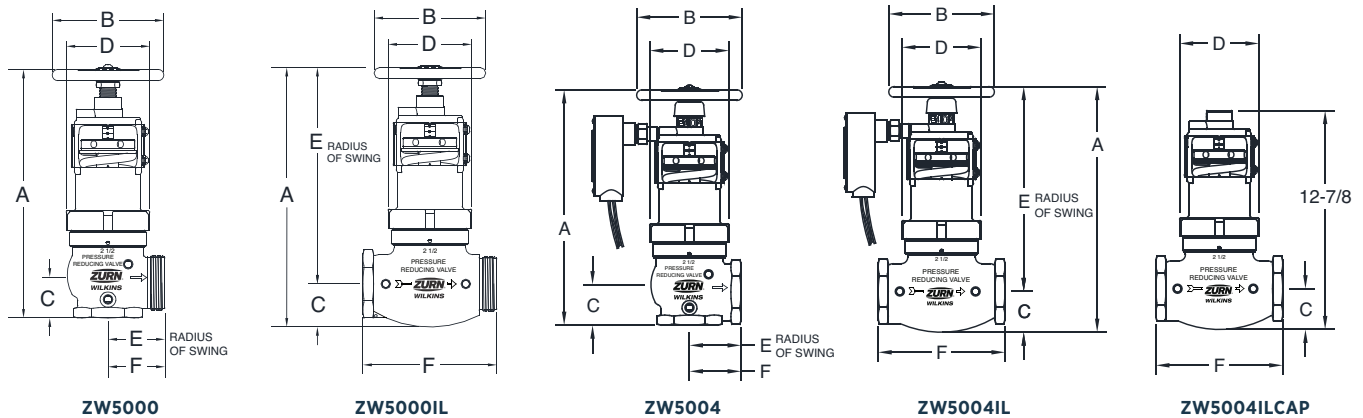
- **Size:** 2-1/2"
- **Maximum inlet pressure:** 400 psi
- **End Connection:** FNPT (ANSI B1.20.1), Grooved (AWWA C606), Hose Thread Standard (NFPA 1963)
- **ZW5000**
 - **Inlet connection:** FNPT or Grooved
 - **Outlet connection:** Male hose
- **ZW5000F**
 - **Inlet connection:** FNPT
 - **Outlet connection:** FNPT
- **Factory or Field Set**
- Tapped and plugged inlet and outlet for pressure gauge.
- **ZW5004:** Integral supervisory switch contact rating of 3 amps at 125VAC and a tamper resistant cover

Options

(suffixes can be combined)

- ZW5000** angle type hose valve
- IL** in-line (globe type) valve
- G** with grooved inlet
- SF** with San Francisco hose thread (3")
- ST** with special hose thread
- CC** with cap and chain
- CCCH** with rough chrome finish and cap and chain
- ZW5000F** angle female NPT inlet and outlet angle hose valve
- IL** female NPT inlet and outlet in-line valve
- CH** with rough chrome finish
- ZW5004** angle type floor control valve
- IL** in-line (globe type) valve
- G** with grooved inlet and outlet
- CAP** with capped bonnet, no handwheel assembly

Dimensions and Weights



| MODEL | APPROXIMATE DIMENSIONS IN INCHES [MM] | | | | | | | APPROXIMATE WEIGHT LB [KG] |
|-----------|---------------------------------------|--------------|-------------|------------|---------|---------------|-------------|----------------------------|
| | A OPEN | A CLOSED | B | C | D | E | F | |
| ZW5000 | 13-7/8 [352] | 13-3/8 [340] | 6-1/4 [159] | 2 [51] | 5 [127] | 3-1/2 [89] | 3-1/4 [83] | 22.5 [10.2] |
| ZW5000IL | 14-1/2 [368] | 14 [356] | 6-1/4 [159] | 2-1/2 [64] | 5 [127] | 12-7/16 [316] | 7-1/2 [191] | 26.75 [12.1] |
| ZW5000G | 14-1/2 [368] | 14 [356] | 6-1/4 [159] | 2-1/2 [64] | 5 [127] | N/A | 3-1/4 [83] | 22.5 [10.2] |
| ZW5000ILG | 14-1/2 [368] | 14 [356] | 6-1/4 [159] | 2-1/2 [64] | 5 [127] | N/A | 8-3/4 [222] | 27 [12.2] |
| ZW5000F | 13-7/8 [352] | 13-1/4 [337] | 6-1/4 [159] | 2 [51] | 5 [127] | 3-1/2 [89] | 3-1/16 [78] | 23 [10.4] |
| ZW5000FIL | 14-1/2 [368] | 14 [356] | 6-1/4 [159] | 2-1/2 [64] | 5 [127] | 12-7/16 [316] | 7-1/2 [191] | 27.25 [12.4] |
| ZW5000SF | 13-7/8 [352] | 13-3/8 [340] | 6-1/4 [159] | 2 [51] | 5 [127] | 3-3/4 [95] | 3-3/8 [86] | 22.5 [10.2] |
| ZW5004 | 13-7/8 [352] | 13-3/8 [340] | 6-1/4 [159] | 2 [51] | 5 [127] | 3-1/2 [89] | 3-1/4 [83] | 23 [10.4] |
| ZW5004IL | 14-1/2 [368] | 14 [356] | 6-1/4 [159] | 2-1/2 [64] | 5 [127] | 12-7/16 [316] | 7-1/2 [191] | 27.25 [12.4] |
| ZW5004G | 14-1/2 [368] | 14 [356] | 6-1/4 [159] | 2-1/2 [64] | 5 [127] | N/A | 3-1/4 [83] | 23 [10.4] |
| ZW5004ILG | 14-1/2 [368] | 14 [356] | 6-1/4 [159] | 2-1/2 [64] | 5 [127] | N/A | 8-3/4 [222] | 27.25 [12.4] |