



# Pressure-Tru<sup>®</sup> 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.

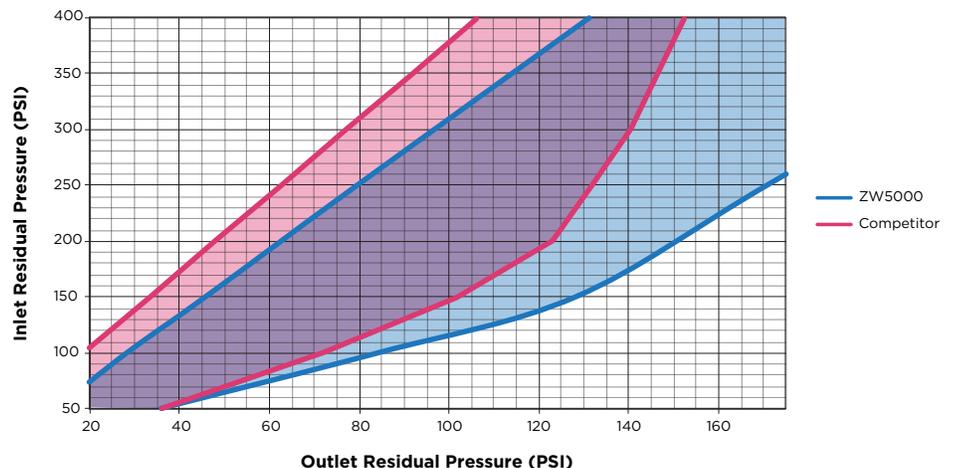
## For Everyone: More Flow Performance

- **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 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

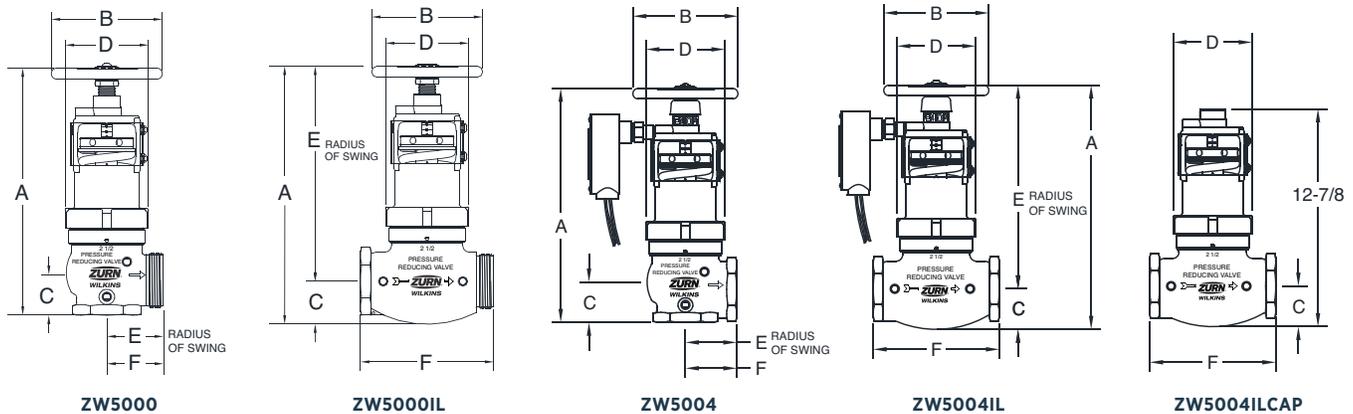
- **Size:** 2-1/2"
- **Maximum inlet pressure:** 400 psi
- **End Connection:** FNPT (ANSI B1.20.1), Grooved (AWWA C606), Hose Thread Standard (NFPA 1963)
- **ZW5000**
  - **Inlet connection:** FNPT or Grooved
  - **Outlet connection:** Male hose
- **ZW5000F**
  - **Inlet connection:** FNPT
  - **Outlet 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
- CH** with rough chrome finish
- 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
- CH** with rough chrome finish

## 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]

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