



# Model ZW5004

## Pressure-Tru® Floor Control Valve

### Application

The Pressure-Tru® ZW5004 Series Pressure Reducing Valve is listed as a floor control valve, an indicating valve, and a check valve in automatic sprinkler systems as well as a standpipe valve for CLASS I and CLASS III systems. Regulates pressure under both flow and no-flow conditions. Ideal for applications where immediate field adjustments are needed. Can be factory set and adjusted or set in the field as needed. The valve has a listed supervisory switch built in. Suitable for indoor / outdoor use. Tamper resistant housing can be rotated for easy wiring switch rated 3 amps @ 125 VAC. Normally open contacts are standard.

### Standards Compliance

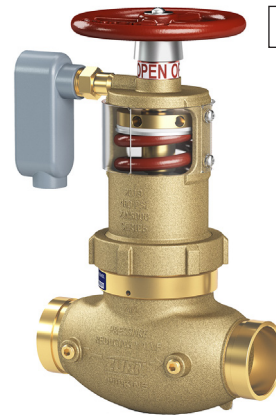
- UL® Listed
- C-UL® Listed

### Material

Main valve body	Cast bronze	ASTM B806
Stem	Cast bronze	ASTM B806
Flange	Cast bronze	ASTM B806
Elastomers	Buna Nitrile	EPDM
Springs	Chrome silicon,	ASTM A401
		powder coated

### Features

- Sizes: 2 1/2"
- Maximum inlet pressure 400 psi
- End connection (FNPT) ANSI B1.20.1
- (Grooved) AWWA C606
- Factory or Field Set
- Tapped and plugged inlet and outlet for pressure gauge (both sides).
- Integral supervisory switch contact rating of 3 amps at 125VAC and a tamper resistant cover



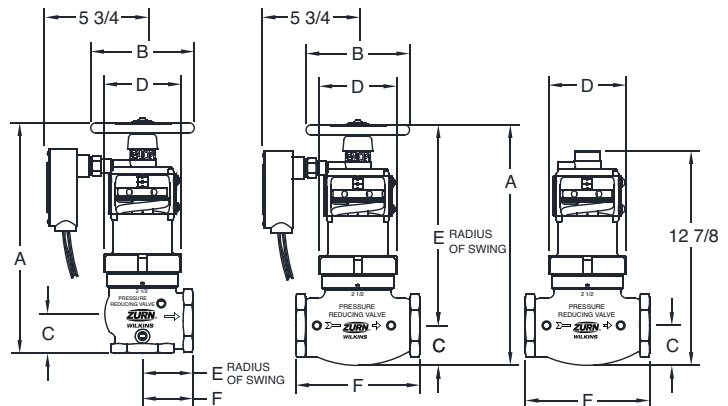
PATENT PENDING

ZW5004ILG

### Options

(Suffixes can be combined)

- angle type valve
- IL - in-line (globe type) valve
- G - with grooved inlet
- CAP - with capped bonnet, no handwheel assembly

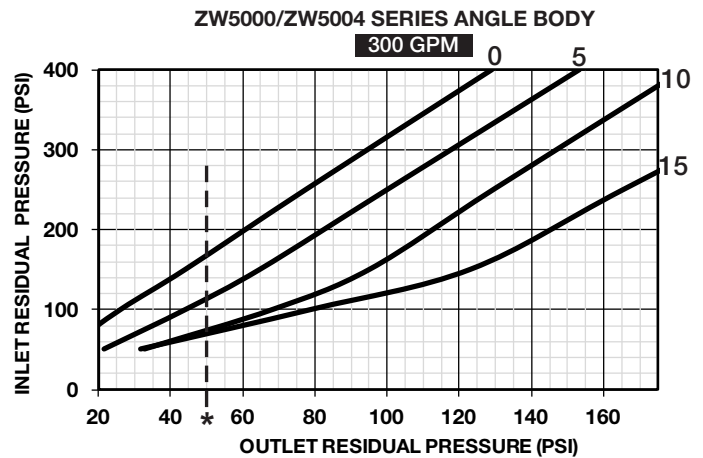
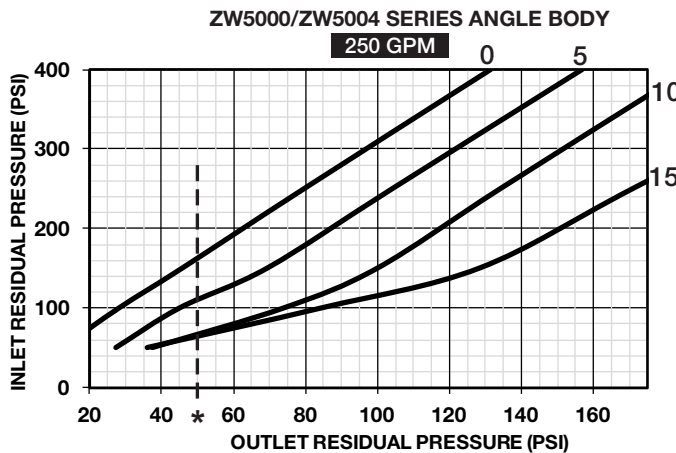
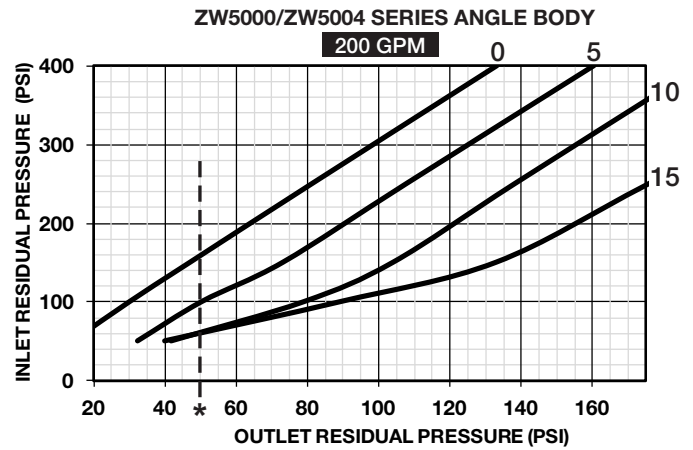
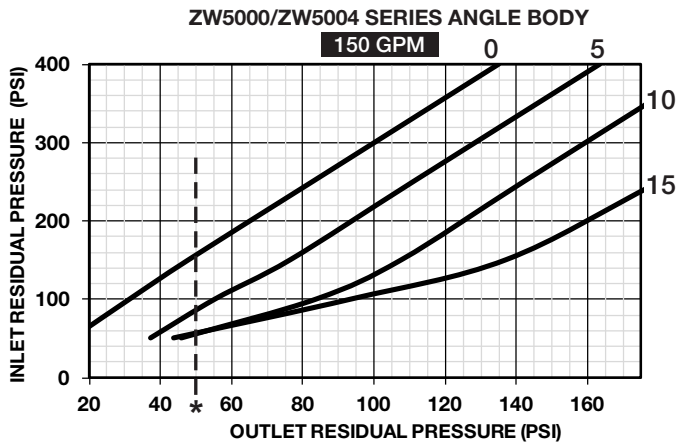
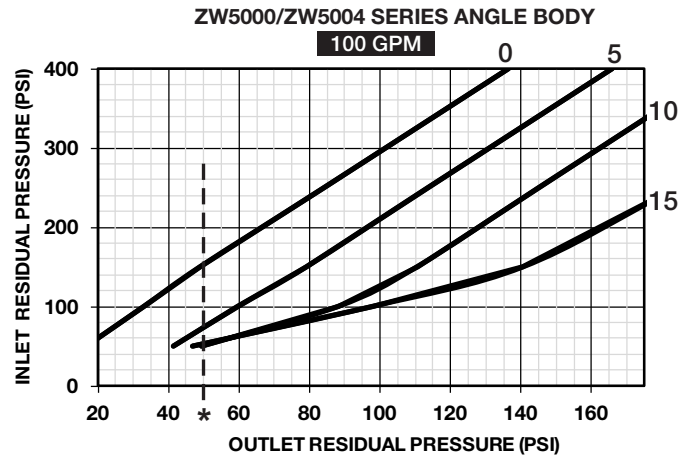
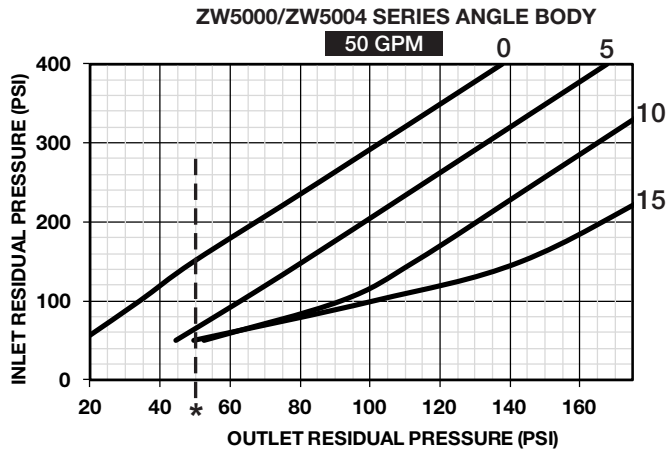


### Dimensions & Weights (do not include pkg.)

MODEL	DIMENSIONS (approximate)															
	A OPEN		A CLOSED		B		C		D		E		F		WEIGHT	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs	kg
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	10.2
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	N/A	3 1/4	83	23	10.2
ZW5004ILG	14 1/2	368	14	356	6 1/4	159	2 1/2	64	5	127	N/A	N/A	8 3/4	222	27.25	12.4

# Residual Pressure Charts

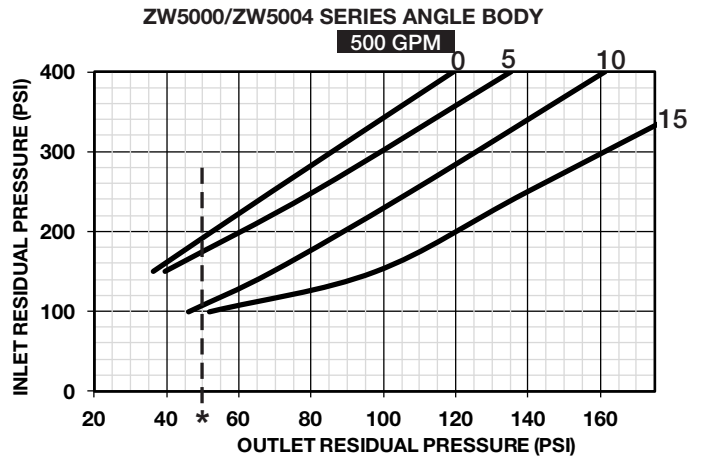
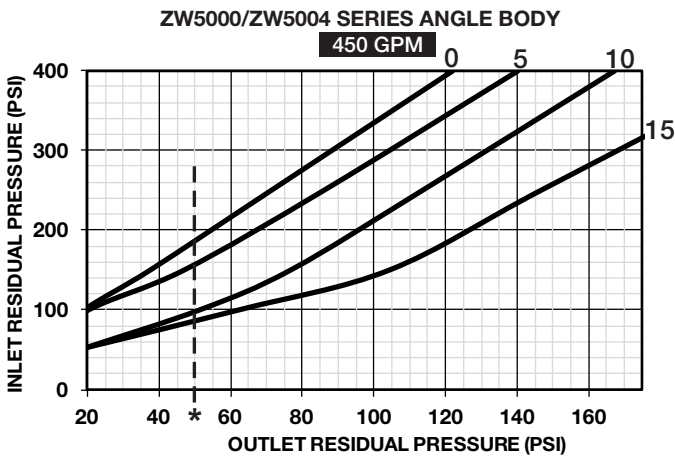
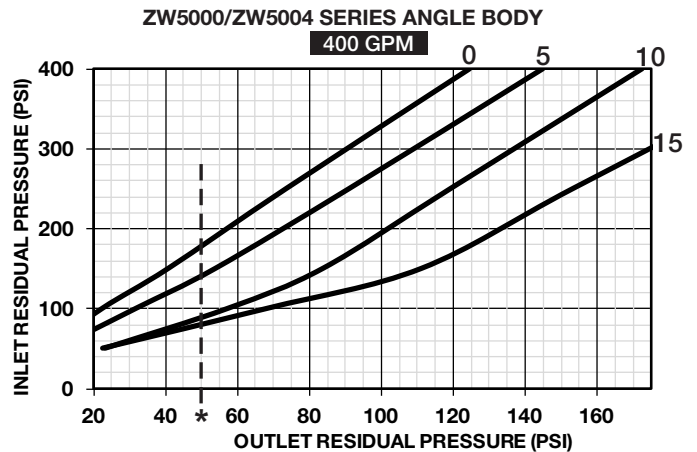
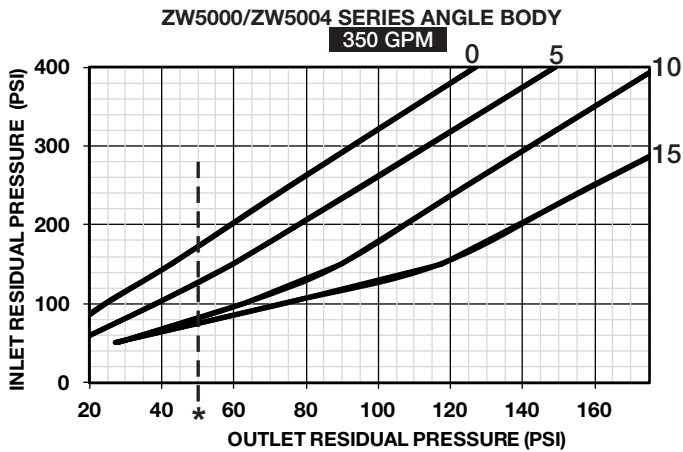
For Pressure-Tru® 2 1/2" Models



**Note: Curve accuracy= ±5 PSIG \*50 PSI Minimum setting for sprinkler systems**

# Residual Pressure Charts

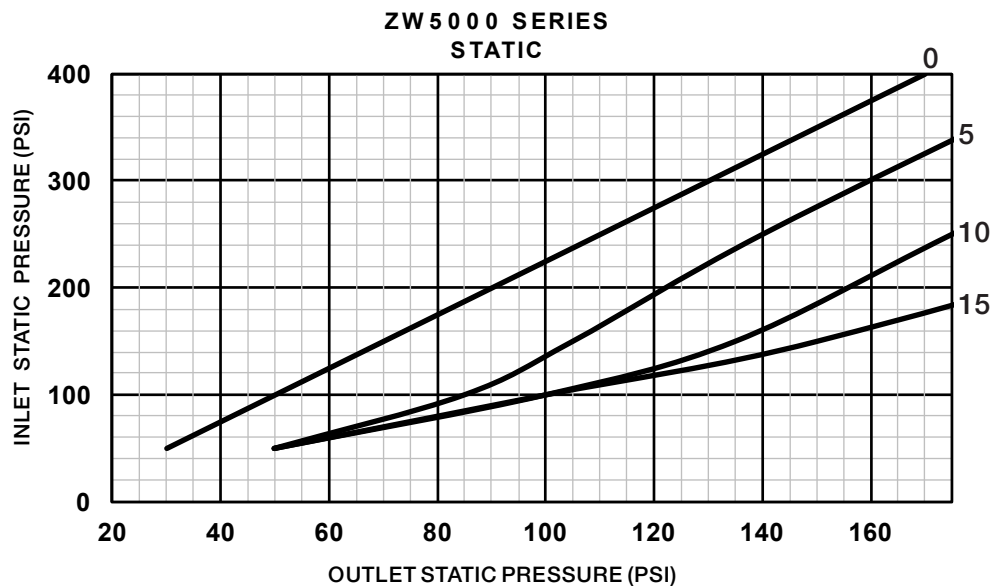
For Pressure-Tru® 2 1/2" Models



## STATIC PRESSURE CHART

For Pressure-Tru® Angle  
and In-line Valves  
(2-1/2" Inlet and Outlet)

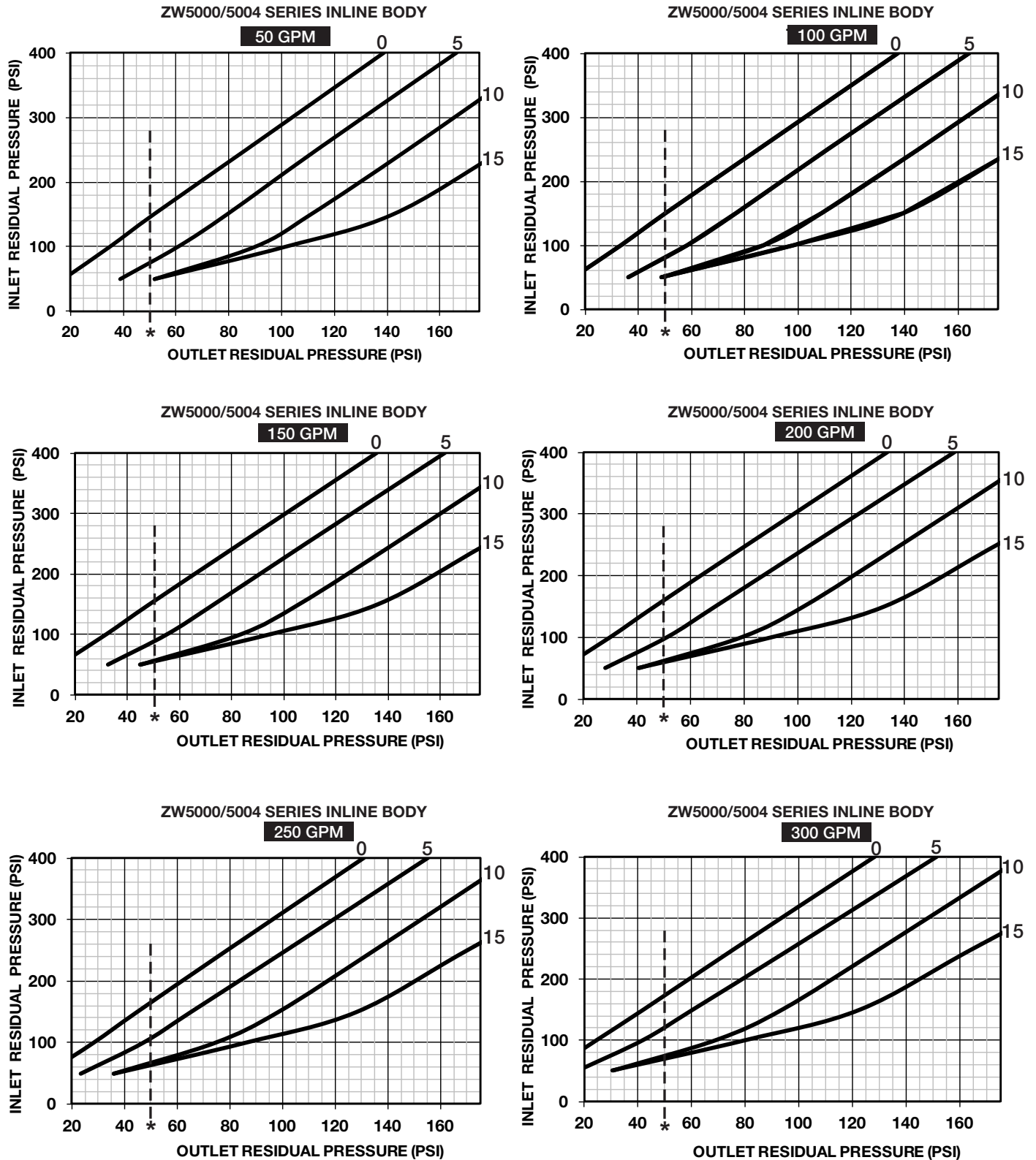
MODELS:  
ZW5000 and ZW5004 (ALL)



**Note: Curve accuracy= ±5 PSIG \*50 PSI Minimum setting for sprinkler systems**

# Residual Pressure Charts

For Pressure-Tru® 2 1/2" Models



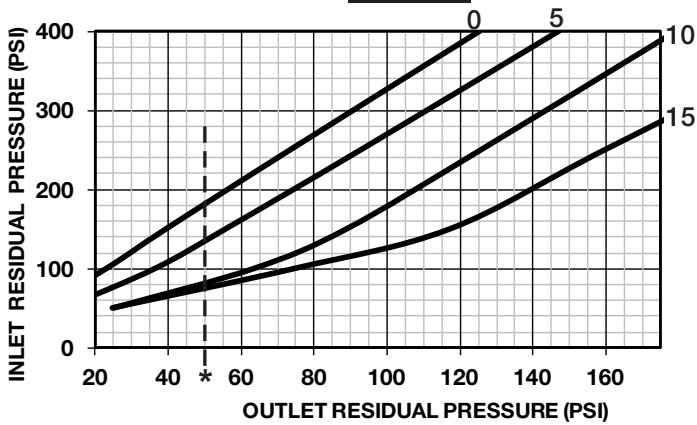
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# Residual Pressure Charts

For Pressure-Tru® 2 1/2"

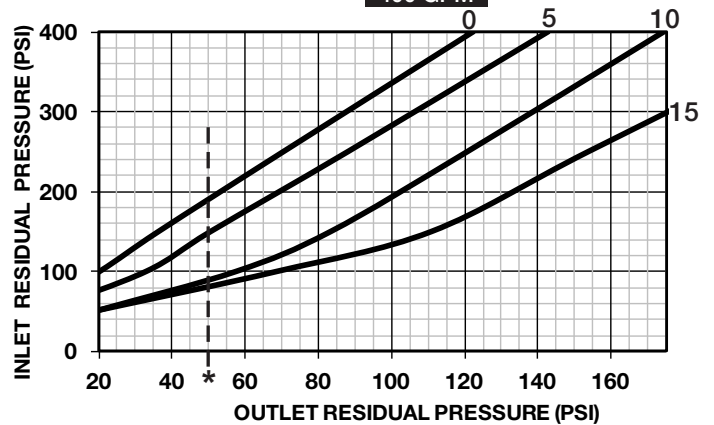
ZW5000/5004 SERIES INLINE BODY

350 GPM



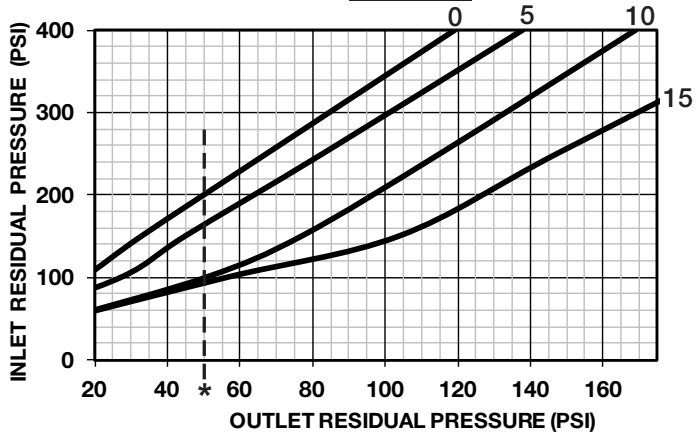
ZW5000/5004 SERIES INLINE BODY

400 GPM



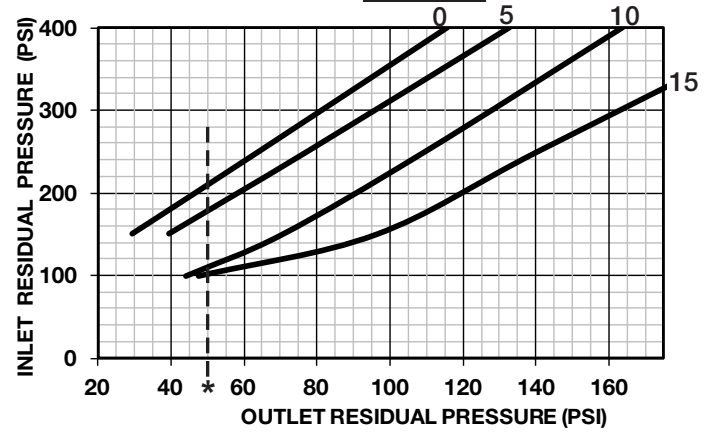
ZW5000/5004 SERIES INLINE BODY

450 GPM



ZW5000/5004 SERIES INLINE BODY

500 GPM



**Note: Curve accuracy= ±5 PSIG \*50 PSI Minimum setting for sprinkler systems**