

Application

The Pressure-Tru™ Z3000 and Z3005 Series Pressure Reducing Valve is listed as a standpipe valve for individual hose stations in CLASS I and CLASS III systems. Regulates pressure under both FLOW and NO-FLOW conditions. Can be adjusted and set at the factory or set in the field without draining the standpipe riser.

Standards Compliance

- UL® Listed
- C-UL® Listed
- City of Los Angeles Approved
- NYC MEA 37-95-E

Material

Main valve body	Cast bronze	ASTM B 584
Stem	Silicon bronze	ASTM B 584
Flange	Navy "G" bronze	ASTM B 584
Elastomers	Buna Nitrile (FDA approved)	EPDM (FDA approved)
Springs	Chrome silicon, ASTM A 313	powder coated

Features

Sizes: 2 1/2"

Maximum inlet pressure	400 psi
Inlet connection (Z3000)	FNPT or Groove
Inlet connection (Z3005)	FNPT
Outlet connection (Z3000)	Male hose
Outlet connection (Z3005)	FNPT
Factory or Field Set	
Tapped and plugged inlet and outlet for pressure gauge.	



Z3000 C/C

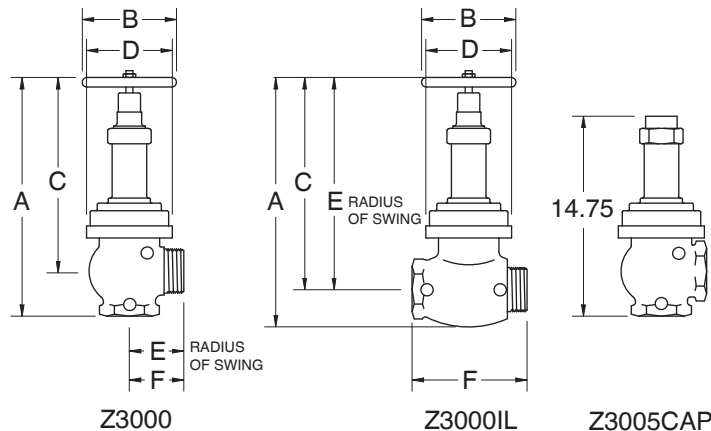
Z3005

Options

(Suffixes can be combined)

- Z3000 - angle type valve
- IL - in-line (globe type) valve
- G - with grooved inlet
- SF - with San Francisco hose thread (3")
- ST - with special hose thread
- C/C - with cap and chain
- CH - with chrome finish

- Z3005 - female NPT inlet and outlet angle valve
- IL - female NPT inlet and outlet in-line valve
- CAP - with capped bonnet
- CH - with chrome finish



Dimensions & Weights (do not include pkg.)

MODEL	DIMENSIONS (approximate)																WEIGHT	
	A OPEN		A CLOSED		B		C OPEN		C CLOSED		D		E		F		lbs	kg
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm		
Z3000	16 3/4	425	15 7/8	403	6 1/4	159	14	354	13 1/8	334	5 3/4	146	3 1/2	89	3 3/16	81	28	12.7
Z3000IL	17 3/8	441	16 1/2	419	6 1/4	159	14 15/16	379	14 1/6	357	5 3/4	146	14 1/16	357	7 1/2	191	30	13.6
Z3000G	17 3/16	437	16 5/16	414	6 1/4	159	14	354	13 1/8	334	5 3/4	146	3 1/2	89	3 3/16	81	29	13.6
Z3000ILG	17 3/8	441	16 1/2	419	6 1/4	159	14 15/16	379	14 1/16	357	5 3/4	146	14 1/16	357	8 3/4	222	30	13.6
Z3005	16 3/4	425	15 7/8	403	6 1/4	159	14	354	13 1/8	334	5 3/4	146	3 1/2	89	3 1/16	78	29	13.2
Z3005IL	17 3/8	441	16 1/2	419	6 1/4	159	14 15/16	379	14 1/16	357	5 3/4	146	14 1/16	357	7 1/2	191	30	13.6
Z3000SF	16 3/4	425	15 7/8	403	6 1/4	159	14	354	13 1/8	334	5 3/4	146	14 5/16	364	3 15/16	100	28.5	12.9

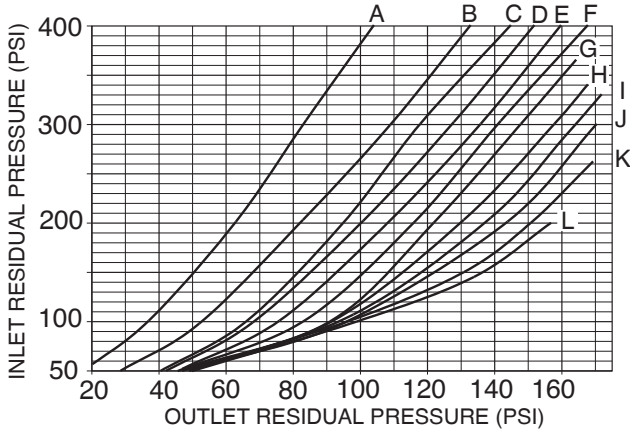
Residual Pressure Charts

For Pressure-Tru™ 2 1/2" Angle Valves

Models: Z3000, Z3004, Z3005, Z3000G & Z3004G

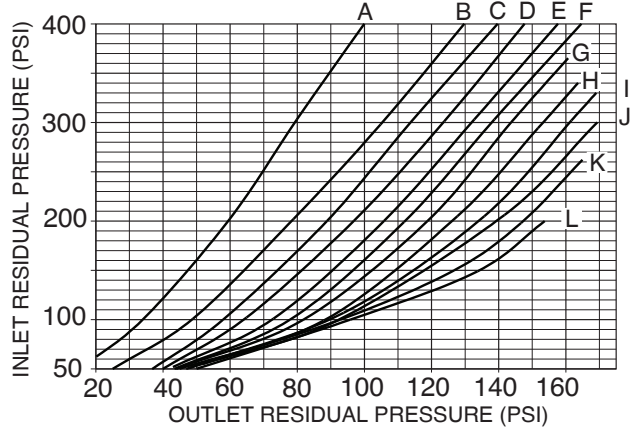
Z3000 SERIES ANGLE BODY

50GPM



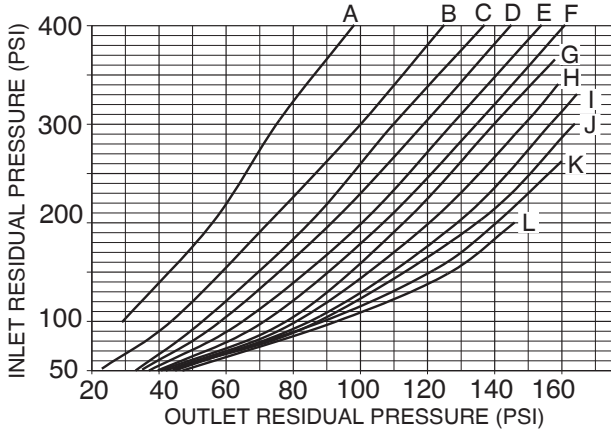
Z3000 SERIES ANGLE BODY

100GPM



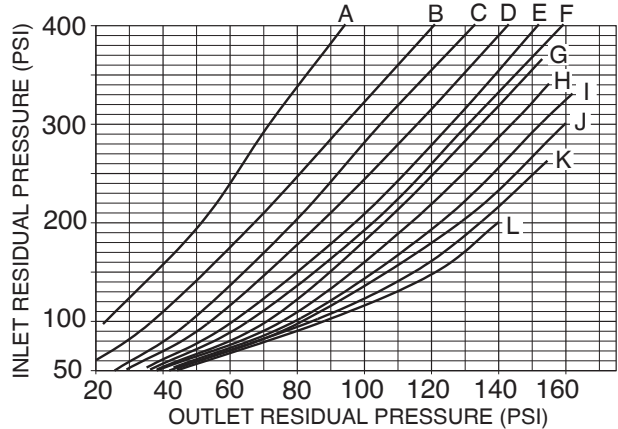
Z3000 SERIES ANGLE BODY

150GPM



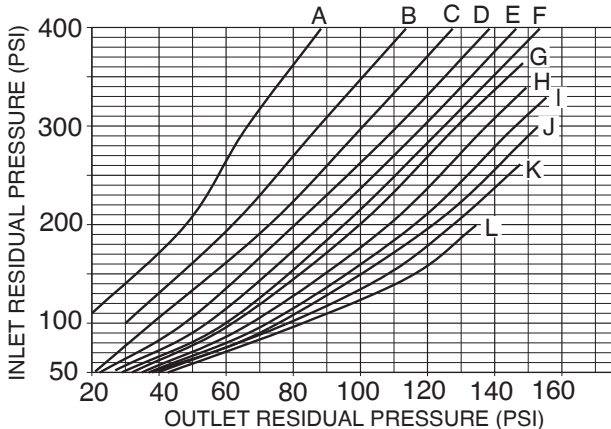
Z3000 SERIES ANGLE BODY

200GPM



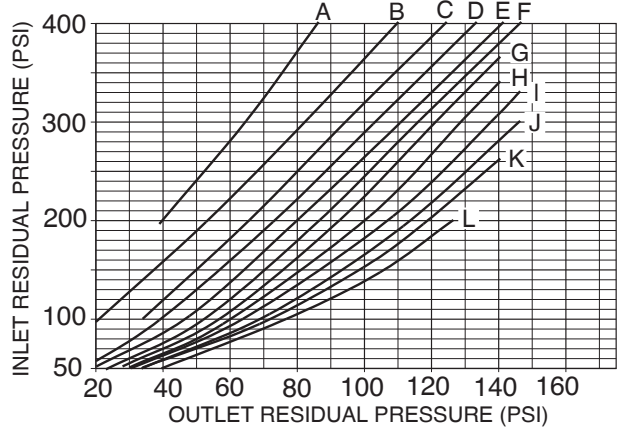
Z3000 SERIES ANGLE BODY

250GPM



Z3000 SERIES ANGLE BODY

300GPM



"A" DIMENSION SETTINGS (inches)

A	B	C	D	E	F	G	H	I	J	K	L
3/8	1/2	5/8	11/16	3/4	13/16	7/8	15/16	1	1-1/16	1-1/8	1-3/16

Note: Curve accuracy = ± 5 PSIG

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In Canada | Zurn Industries Limited

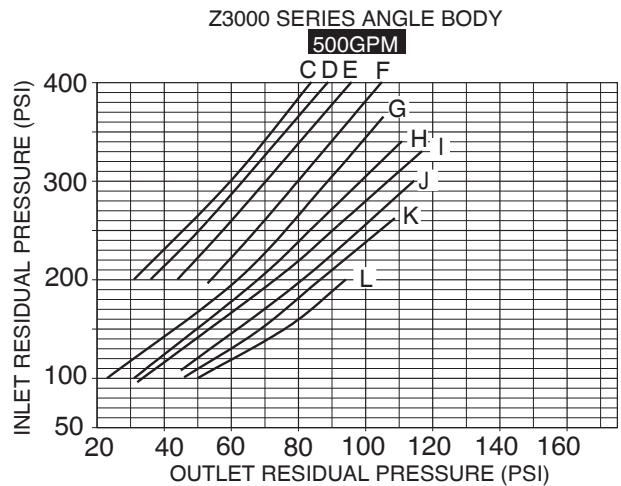
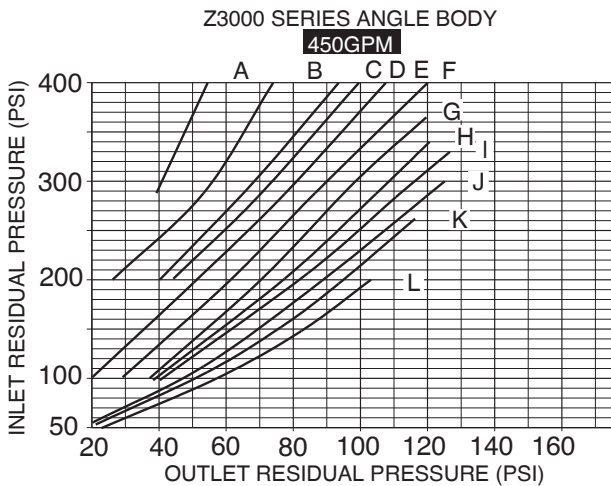
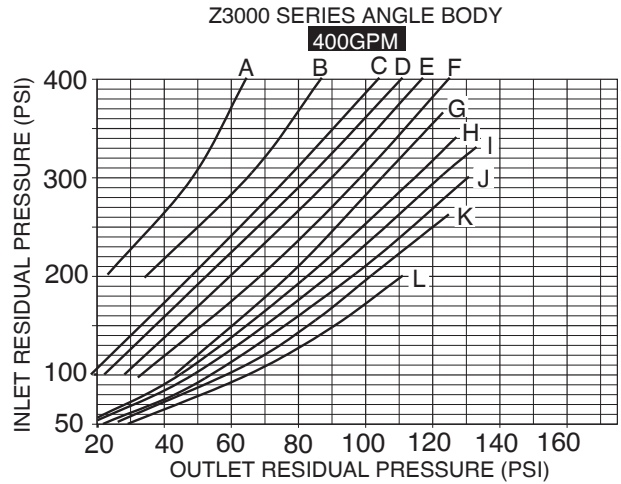
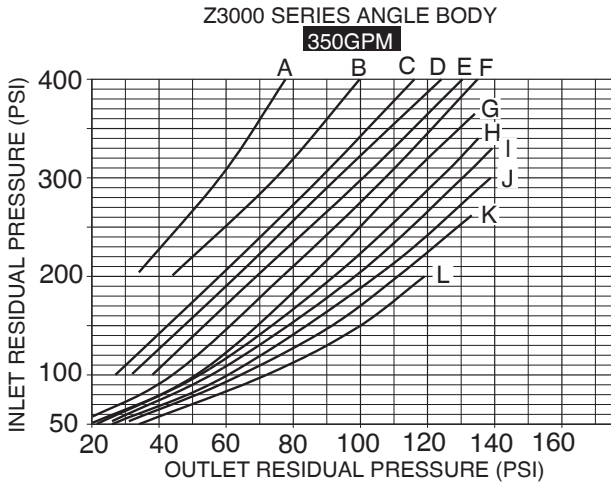
3544 Nashua Drive, Mississauga, Ontario L4V 1L2 Ph. 905-405-8272, Fax 905-405-1292

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Residual Pressure Charts

For Pressure-Tru™ 2 1/2" Angle Valves

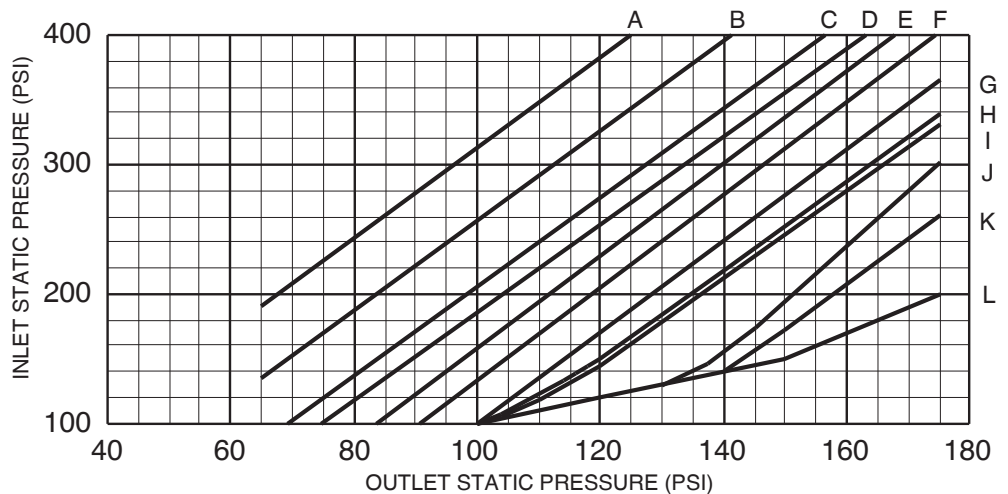
Models: Z3000, Z3004, Z3005, Z3000G & Z3004G



STATIC PRESSURE CHART

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

MODELS:
Z3000, Z3004 & Z3005
(All)



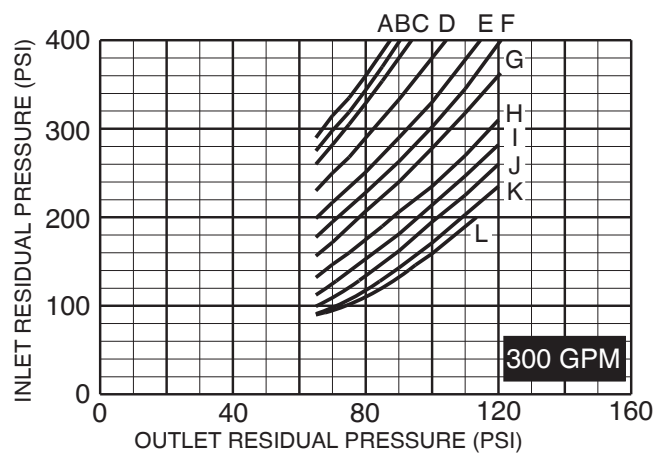
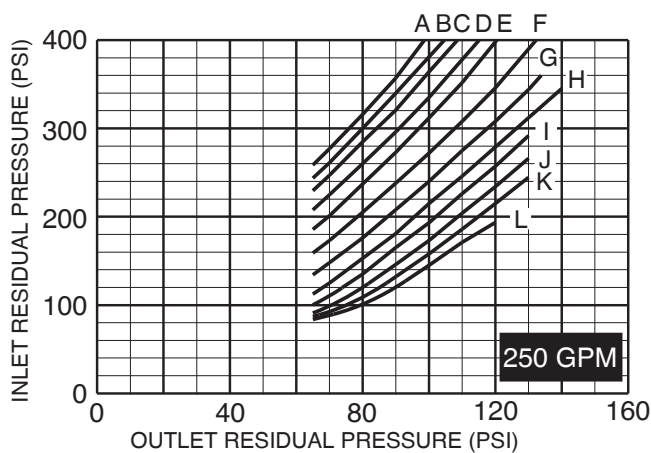
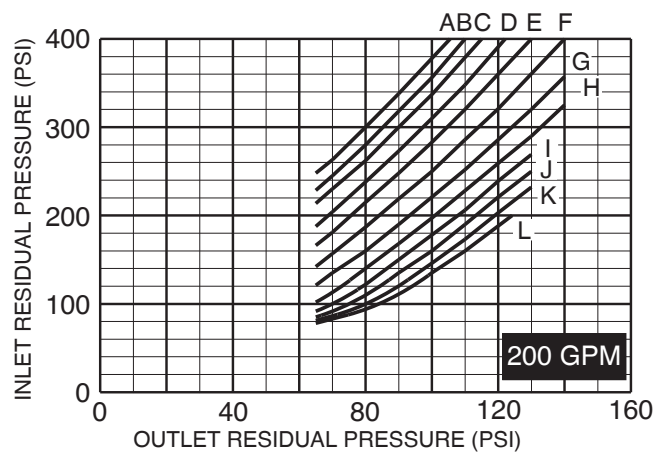
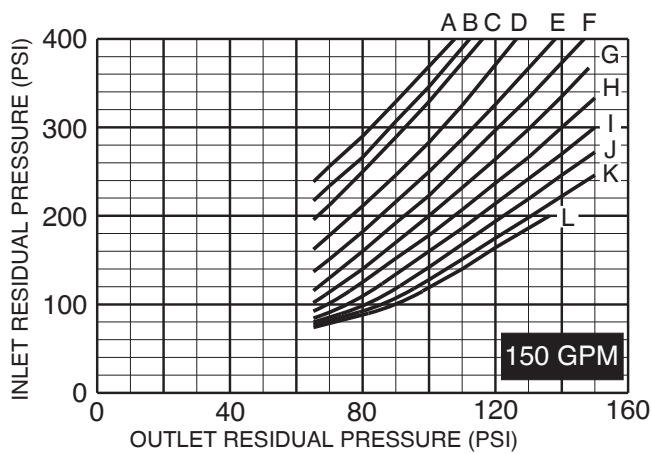
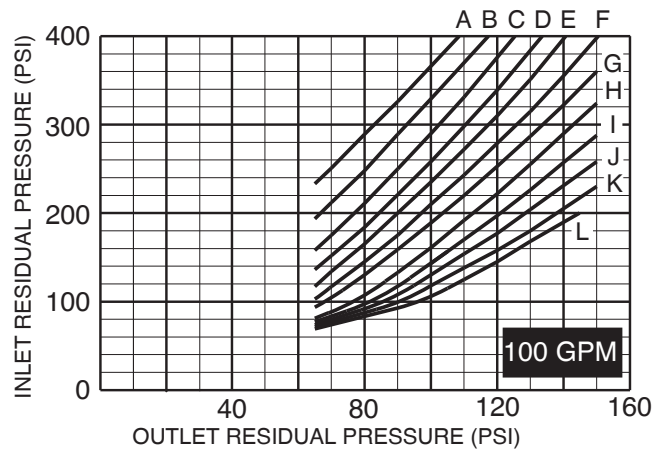
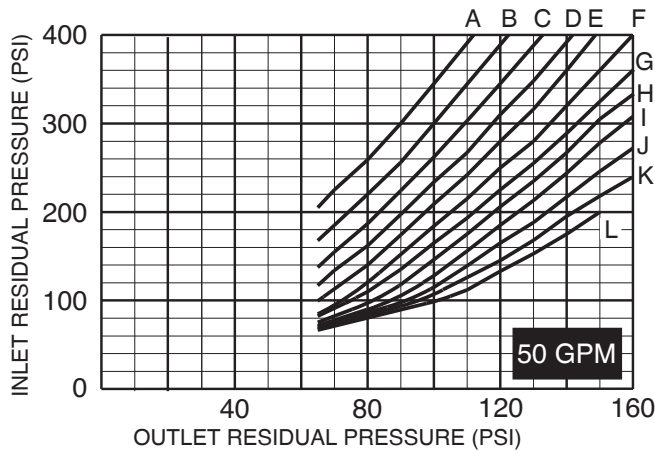
"A" DIMENSION SETTINGS (inches)											
A	B	C	D	E	F	G	H	I	J	K	L
3/8	1/2	5/8	11/16	3/4	13/16	7/8	15/16	1	1-1/16	1-1/8	1-3/16

Note: Curve accuracy = ± 5 PSIG

Residual Pressure Charts

For Pressure-Tru™ 2 1/2" In-line Valves

Models: Z3000IL, Z3004IL & Z3005IL

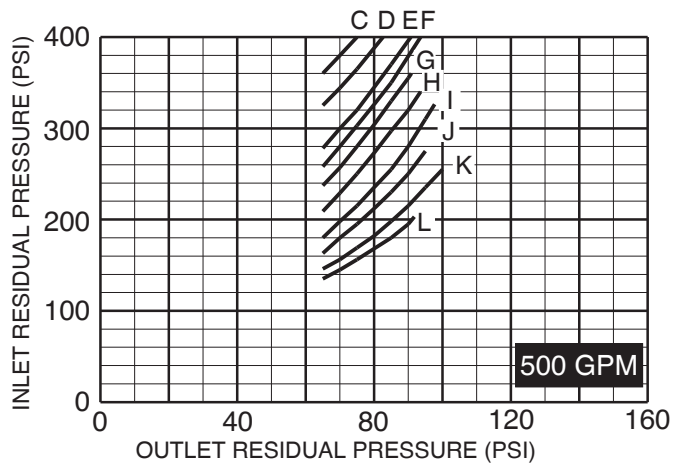
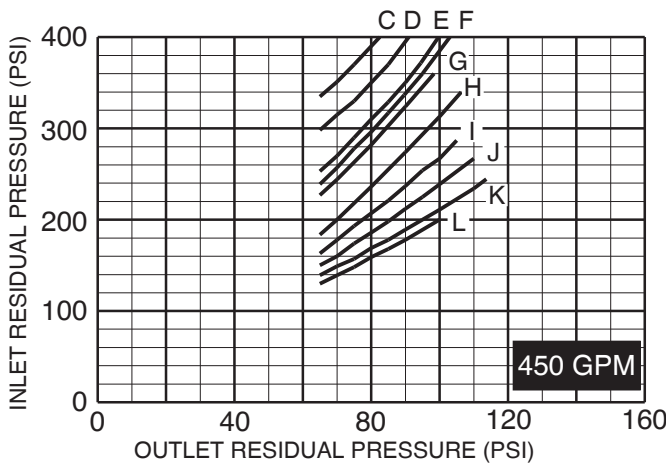
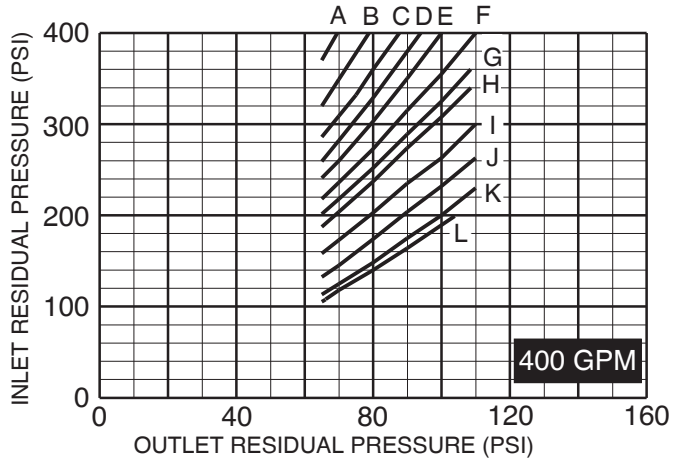
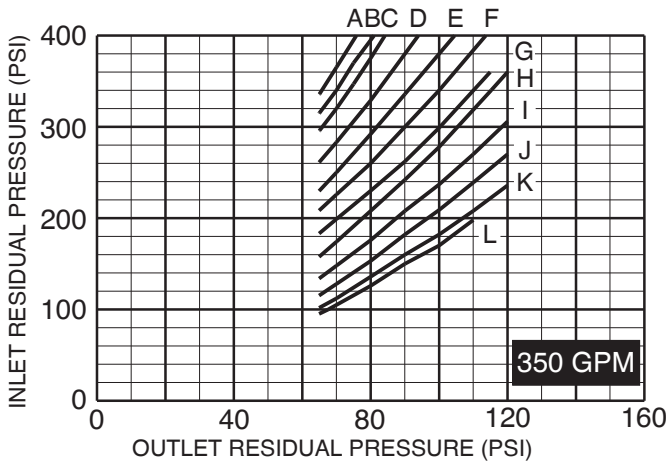


"A" DIMENSION SETTINGS (inches)											
A	B	C	D	E	F	G	H	I	J	K	L
3/8	1/2	5/8	11/16	3/4	13/16	7/8	15/16	1	1-1/16	1-1/8	1-3/16
Note: Curve accuracy= ± 5 PSIG											

Residual Pressure Charts

For Pressure-Tru™ 2 1/2" In-line Valves

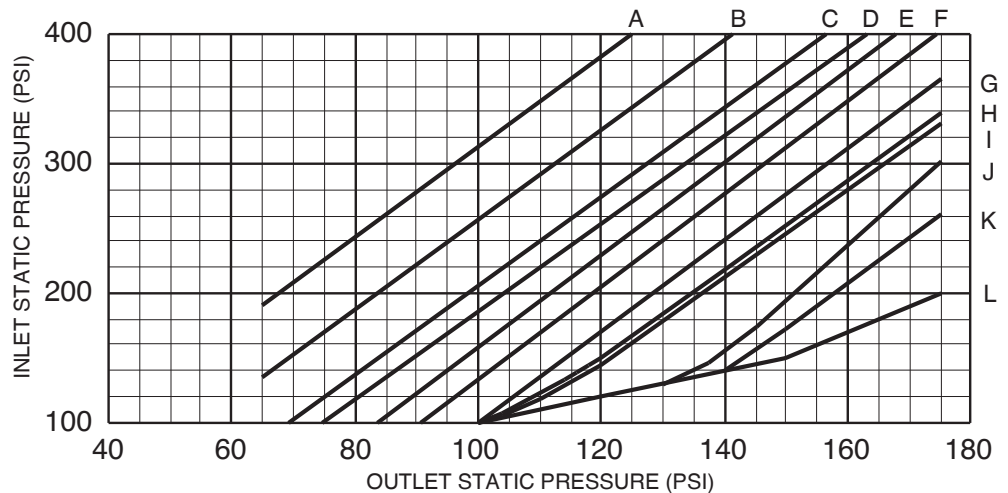
Models: Z3000IL, Z3004IL & Z3005IL



STATIC PRESSURE CHART

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

MODELS:
Z3000, Z3004 & Z3005
(All)



"A" DIMENSION SETTINGS (inches)											
A	B	C	D	E	F	G	H	I	J	K	L
3/8	1/2	5/8	11/16	3/4	13/16	7/8	15/16	1	1-1/16	1-1/8	1-3/16

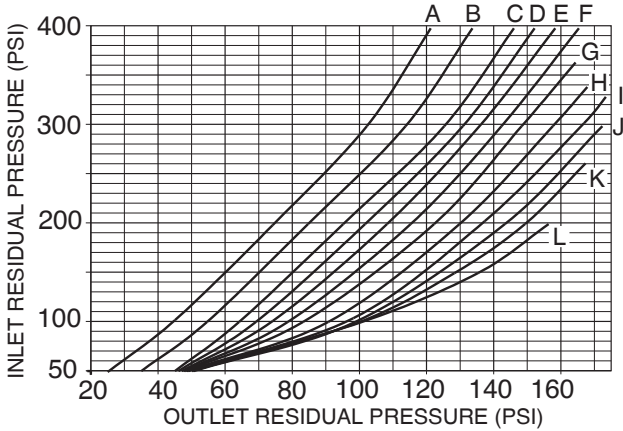
Note: Curve accuracy = ± 5 PSIG

Residual Pressure Charts

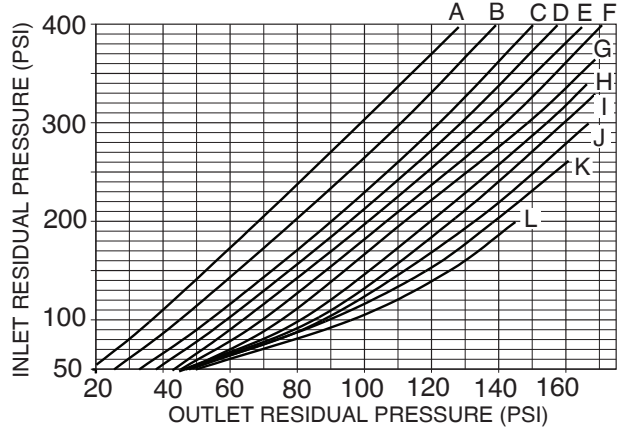
For Pressure-Tru™ 2 1/2" In-line Grooved Valves

Models: Z3000ILG & Z3004ILG

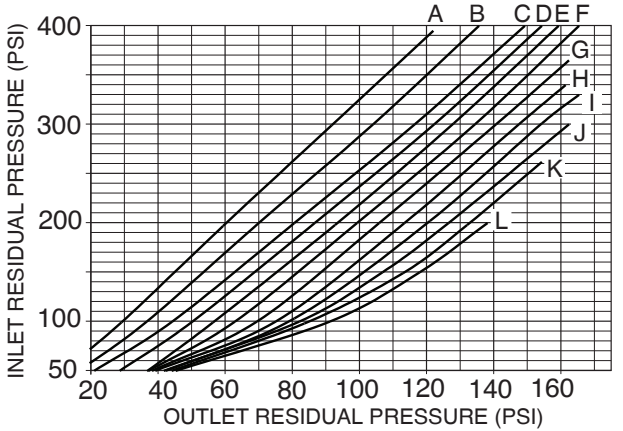
Z3000 SERIES INLINE BODY GROOVED
50GPM



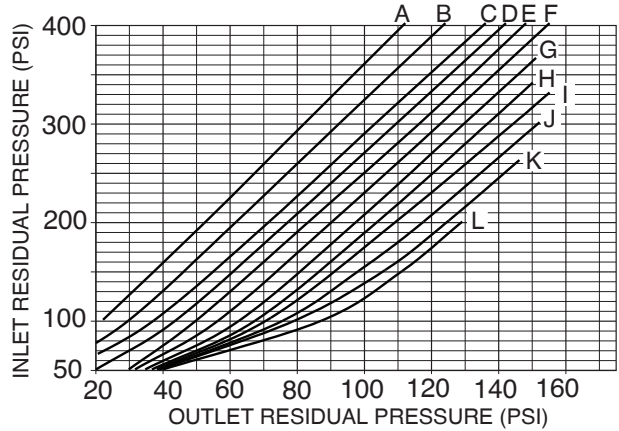
Z3000 SERIES INLINE BODY GROOVED
100GPM



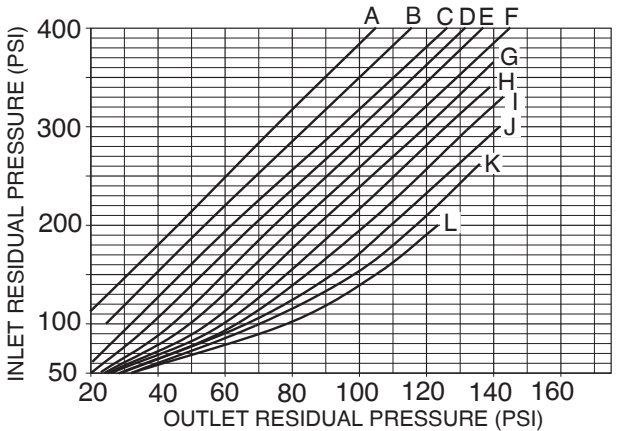
Z3000 SERIES INLINE BODY GROOVED
150GPM



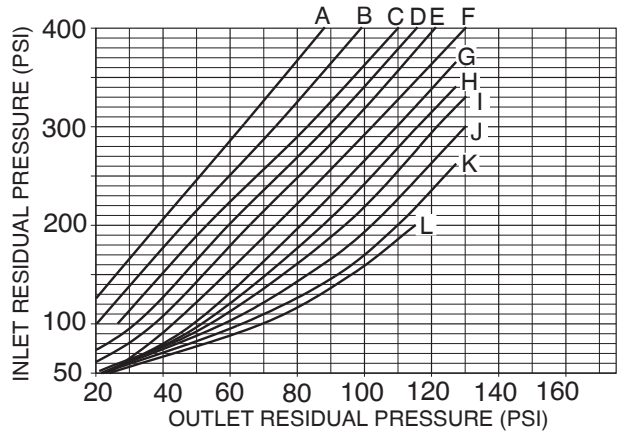
Z3000 SERIES INLINE BODY GROOVED
200GPM



Z3000 SERIES INLINE BODY GROOVED
250GPM



Z3000 SERIES INLINE BODY GROOVED
300GPM



"A" DIMENSION SETTINGS (inches)

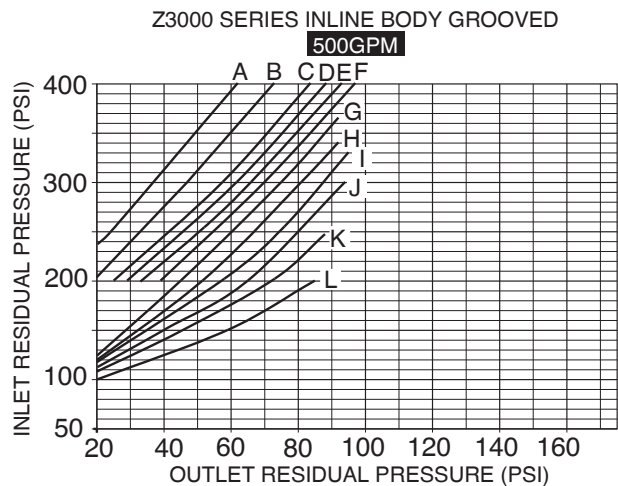
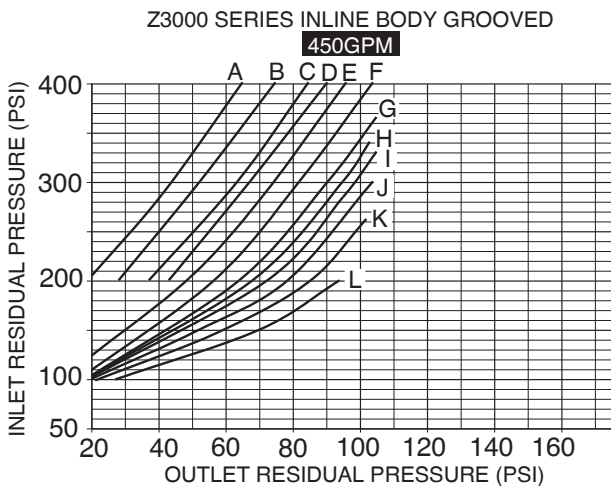
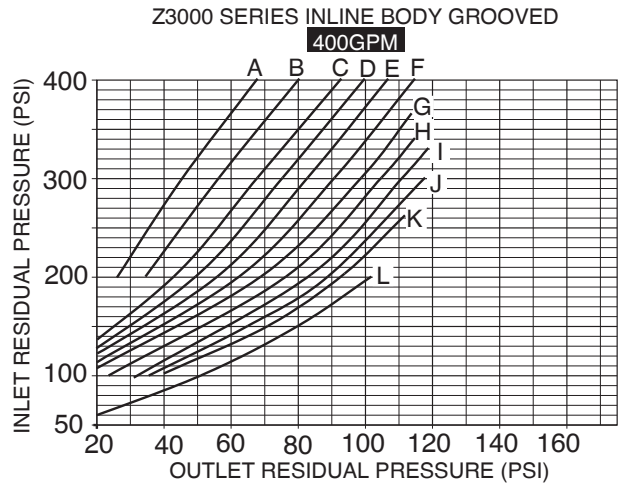
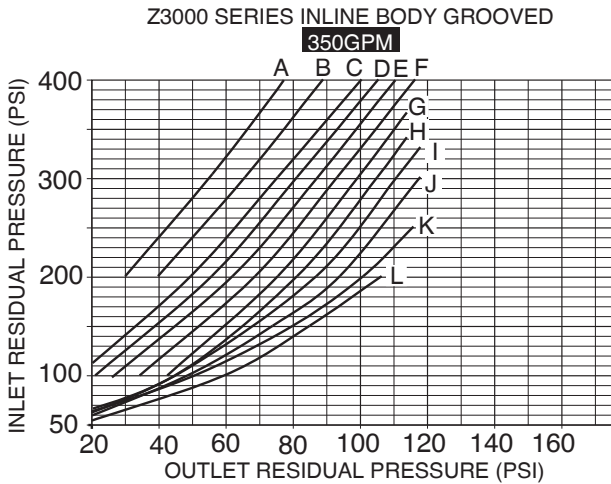
A	B	C	D	E	F	G	H	I	J	K	L
3/8	1/2	5/8	11/16	3/4	13/16	7/8	15/16	1	1-1/16	1-1/8	1-3/16

Note: Curve accuracy= ± 5 PSIG

Residual Pressure Charts

For Pressure-Tru™ 2 1/2" In-line Grooved Valves

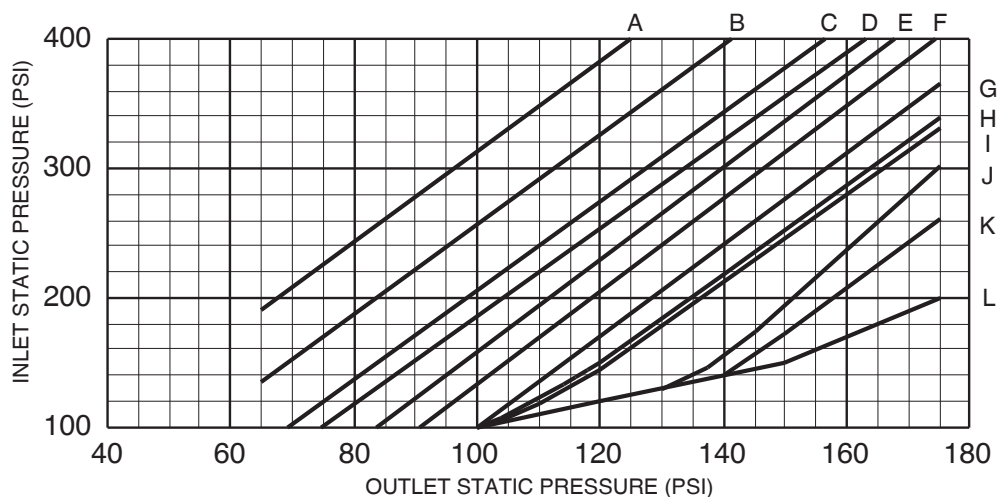
Models: Z3000ILG & Z3004ILG



STATIC PRESSURE CHART

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

MODELS:
Z3000, Z3004 & Z3005
(All)



"A" DIMENSION SETTINGS (inches)											
A	B	C	D	E	F	G	H	I	J	K	L
3/8	1/2	5/8	11/16	3/4	13/16	7/8	15/16	1	1-1/16	1-1/8	1-3/16
Note: Curve accuracy= ± 5 PSIG											

Z3000 Series Fire Valve Part Number Assistant



Check off the boxes that match the choices you want. If the choice is blank, this is standard and you add nothing to the part number. If there are letters after the check box, then you add those letters to the part number in that order from left to right.

The flow curves **Must** be used by the system designer to select the correct bonnet setting.

Example
2-1/2" Z3004 Sprinkler Floor Control Valve (Adjustable)

<input type="checkbox"/> Angle Body	<input type="checkbox"/> Threaded Ends	<input checked="" type="checkbox"/> SS Supervisory Switch	
<input type="checkbox"/> Globe Body	<input type="checkbox"/> Grooved Ends	Monitor Switch	No Handwheel
<input checked="" type="checkbox"/> IL	<input checked="" type="checkbox"/> G	Adapter Bracket	Capped Bonnet
(choose one)	(choose one)	<input type="checkbox"/> MSA	<input type="checkbox"/> CAP
		(choose one or none)	

Rough Chrome Plated
 CH
(optional)

In this example the part number would be Z3004ILGSS

2-1/2" Z3000 Standpipe Hose Valve (Adjustable)

<input type="checkbox"/> Angle Body	<input type="checkbox"/> Threaded Inlet	<input type="checkbox"/> 2-1/2" National Hose thread	
<input type="checkbox"/> Globe Body	<input type="checkbox"/> Grooved Inlet	<input type="checkbox"/> 3" Hose thread	w/Cap & Chain
<input type="checkbox"/> IL	<input type="checkbox"/> G	<input type="checkbox"/> SF	<input type="checkbox"/> CC
(choose one)	(choose one)	Special Thread	(optional)
	Specify special thread	<input type="checkbox"/> ST _____	
		(choose one)	

Rough Chrome Plated
 CH
(optional)

2-1/2" Z3005 Hose Rack Valve (Adjustable)

<input type="checkbox"/> Angle Body		
<input type="checkbox"/> Globe Body	<input type="checkbox"/> NPT Threaded Outlet	
<input type="checkbox"/> IL	<input type="checkbox"/>	
(choose one)		

Rough Chrome Plated
 CH
(optional)

2-1/2" Z3004 Sprinkler Floor Control Valve (Adjustable)

<input type="checkbox"/> Angle Body	<input type="checkbox"/> Threaded Ends	<input type="checkbox"/> SS Supervisory Switch	
<input type="checkbox"/> Globe Body	<input type="checkbox"/> Grooved Ends	Monitor Switch	No Handwheel
<input type="checkbox"/> IL	<input type="checkbox"/> G	Adapter Bracket	Capped Bonnet
(choose one)	(choose one)	<input type="checkbox"/> MSA	<input type="checkbox"/> CAP
		(choose one or none)	

Rough Chrome
Chrome Plated
 CH
(optional)

Specify if the body should be tapped and plugged for gauges.

Qty	Part number	Notes