

Application

The Pressure-Tru™ Z2100 and Z2105 Series Pressure Reducing Valve is listed as a standpipe valve for individual hose stations in CLASS II 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

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 401 powder coated

Features

Sizes:	1 1/2"
Maximum inlet pressure	400 psi
Inlet connection	FNPT
Outlet connection (Z2100)	Male hose
Outlet connection (Z2105)	FNPT
Factory or Field Set	



Z2100C/C

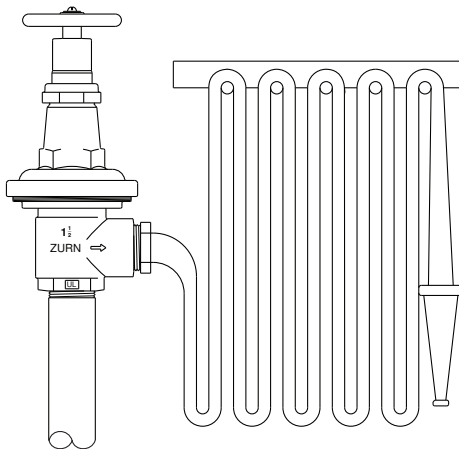
Z2105

Options

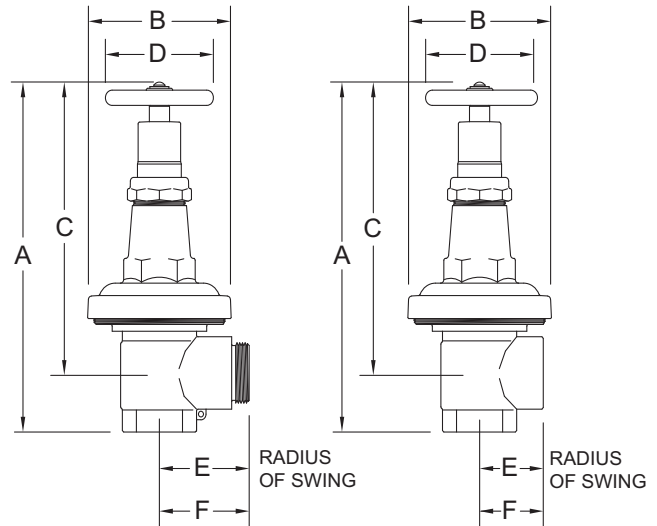
(Suffixes can be combined)

- Z2100 - female NPT inlet and male hose outlet
- C/C - with cap and chain
- CH - with chrome finish
- ST - with specified hose thread
- Z2105 - female NPT inlet and outlet angle valve

Typical Installation



Model Z2105



Model Z2100

Model Z2105

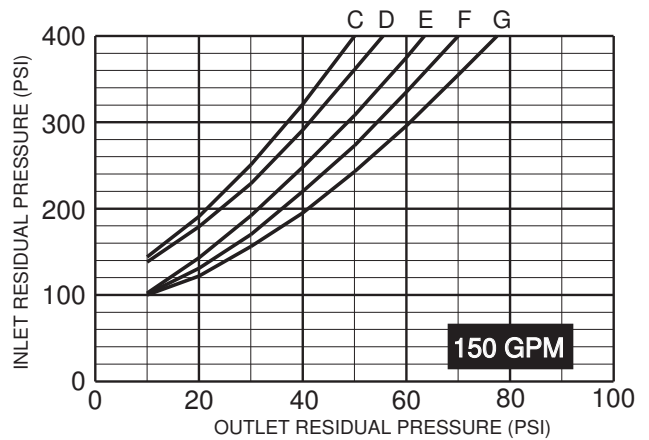
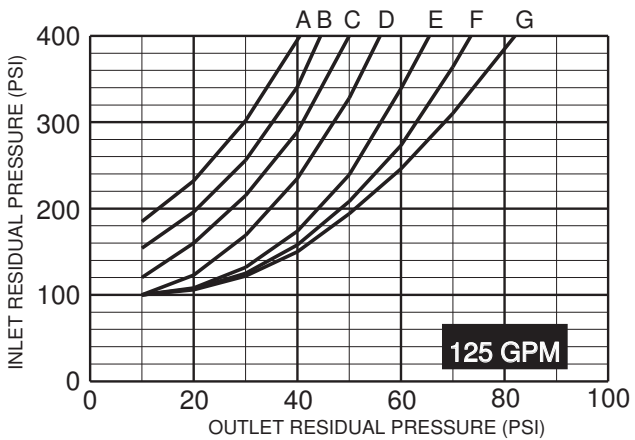
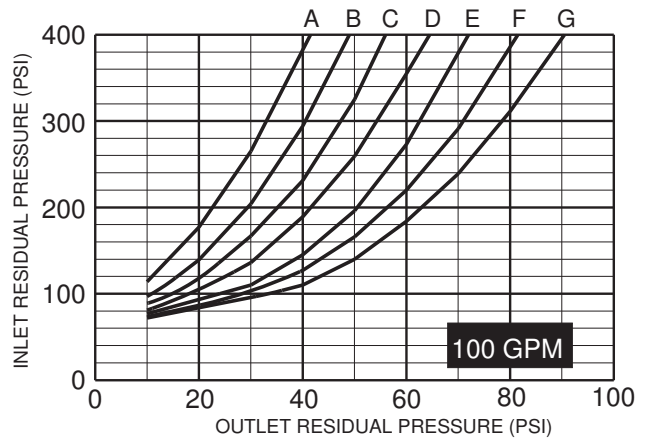
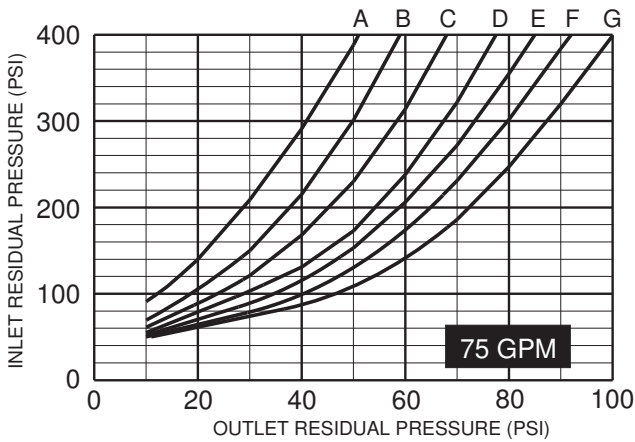
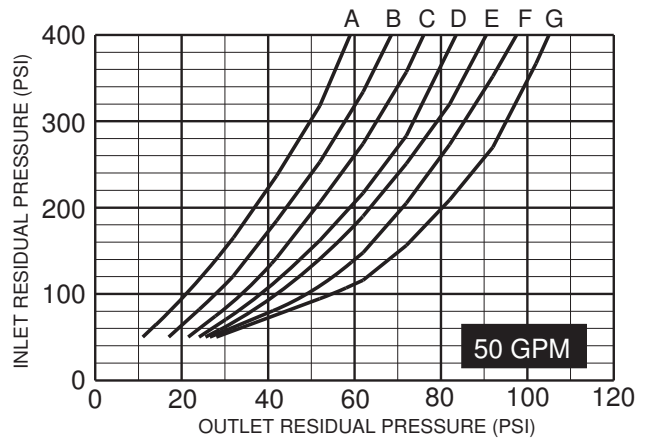
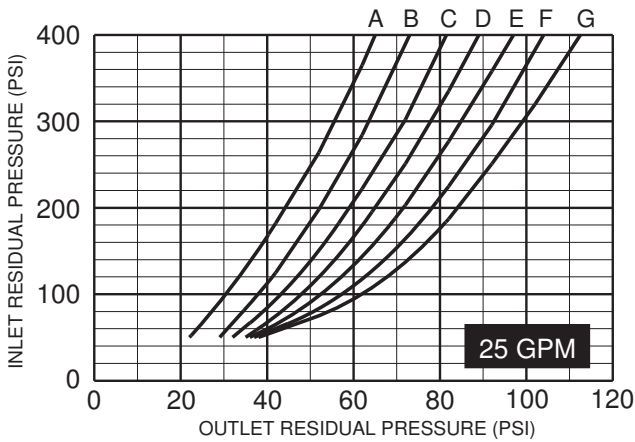
DIMENSIONS & WEIGHTS (do not include pkg.)

MODEL	DIMENSIONS (approximate)																	
	A OPEN		A CLOSED		B		C OPEN		C CLOSED		D		E		F		WEIGHT	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs	kg
Z2100	11 1/2	292	11 1/4	286	5 1/4	133	9 3/4	248	9 1/2	241	4	102	3 1/2	83	3 1/4	89	13	6
Z2105	11 1/2	292	11 1/4	286	5 1/4	133	9 3/4	248	9 1/2	241	4	102	2 3/4	70	2 1/2	64	14	6.4

Residual Pressure Charts

For Pressure-Tru™ 1 1/2" Angle Valves

Models: Z2100 & Z2105

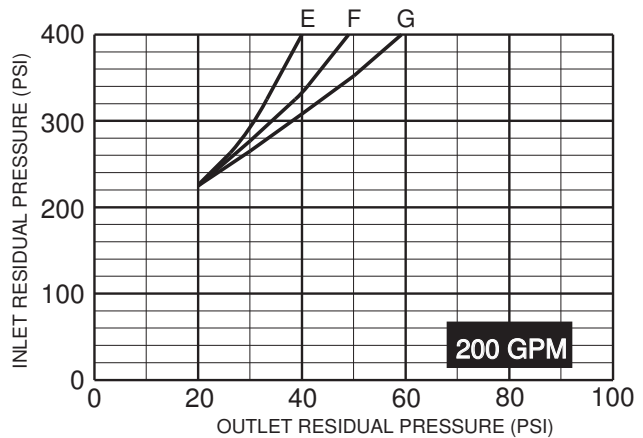
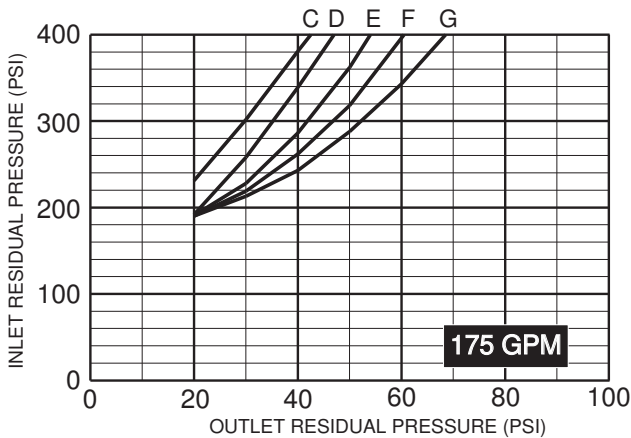


"A" DIMENSION SETTINGS (inches)						
A	B	C	D	E	F	G
3/16	1/4	5/16	3/8	7/16	1/2	9/16
NOTE: Curve accuracy= ±5 PSIG						

Residual Pressure Charts

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Models: Z2100 & Z2105

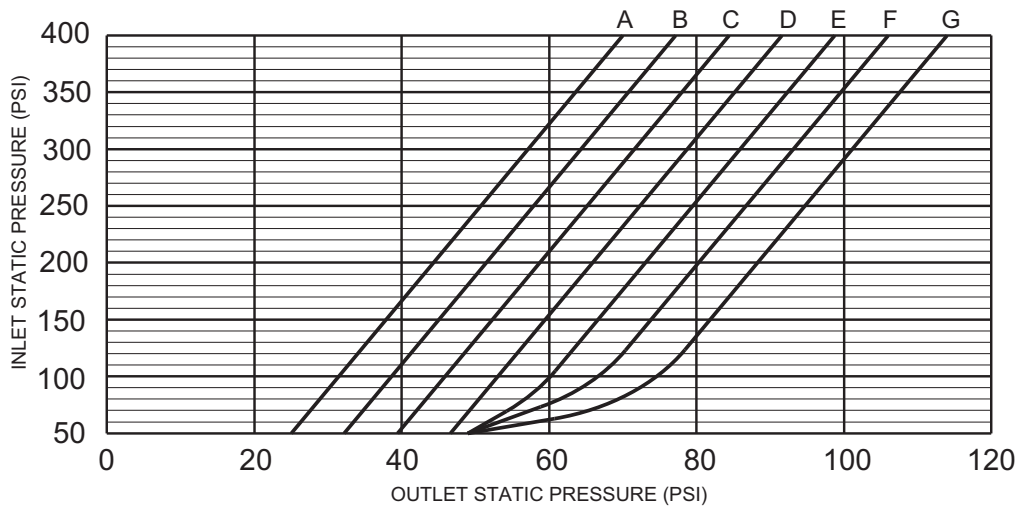


"A" DIMENSION SETTINGS (inches)						
A	B	C	D	E	F	G
3/16	1/4	5/16	3/8	7/16	1/2	9/16
NOTE: Curve accuracy= ±5 PSIG						

STATIC PRESSURE CHART

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

MODELS:
Z2100 and Z2105



"A" DIMENSION SETTINGS (inches)						
A	B	C	D	E	F	G
3/16	1/4	5/16	3/8	7/16	1/2	9/16
NOTE: Curve accuracy= ±5 PSIG						

Z2100 Series Fire Valve Part Number Assistant



Check off the boxes in each group that matches 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

1-1/2" Z2100 Standpipe Hose Valve (Adjustable)

Angle Body	<input checked="" type="checkbox"/> 1-1/2" National Hose Thread Special Thread <input type="checkbox"/> ST (choose one)	W/Cap and Chain	Rough
NPT Threaded		<input checked="" type="checkbox"/> C/C	Chrome Plated
Inlet		(optional)	<input checked="" type="checkbox"/> CH

In this example the part number would be Z2100C/CCH

1-1/2" Z2105 Hose Rack Valve (Adjustable)

Angle Body		Rough
NPT Threaded Inlet and NPT Threaded Outlet		Chrome Plated
		<input type="checkbox"/> CH
		(optional)

1-1/2" Z2100 Standpipe Hose Valve (Adjustable)

Angle Body	<input type="checkbox"/> 1 -1/2" National Hose Thread Special Thread <input type="checkbox"/> ST (choose one)	W/Cap and Chain	Rough
NPT Threaded		<input type="checkbox"/> C/C	Chrome Plated
Inlet		(optional)	<input type="checkbox"/> CH
	Specify special thread _____		

1-1/2" Z2105 Hose Rack Valve (Adjustable)

Angle Body		Rough
NPT Threaded Inlet and NPT Threaded Outlet		Chrome Plated
		<input type="checkbox"/> CH
		(optional)

Qty	Part number	Notes