



Direct-Acting Pressure-Reducing Valves

- Max. pressure: 200 psig
- Max. temp.: 400°F

Quick-response, pressure-reducing valves are suitable for air, water, and steam service. Cast-iron construction with internal stainless steel strainer, adjustable pressure screw, and 5 spring ranges. FNPT connections. Meet Class IV shutoff.

► CHOOSE: Inlet Size		► CHOOSE: Outlet Size		► CHOOSE: Pressure Adjustment Range		L	H	Item No.
1 in.	1 1/4 in.	1 in.	1 1/4 in.	3 to 15 psi	10 to 30 psi	7 1/2 in.	9 1/4 in.	H6903
1 1/2 in.	2 in.	1 1/2 in.	2 in.	5 to 40 psi	30 to 100 psi	9 in.	14 1/4 in.	H6904



Pressure Regulators

Provide a highly sensitive response to reduced pressure changes and can maintain fullest possible volume without appreciable reduced pressure drop. Allow in-line service and feature a sensitivity adjuster that helps eliminate vibrating conditions. Stainless steel seat and disc. FNPT connections. Ideal for use on autoclaves, oil lines, process lines, single radiators, sterilizers, steam tables, and vulcanizers.

PROCESS STEAM PRESSURE REGULATORS

- Max. pressure: 200 psi
- Max. temp.: 300°F

For steam or liquid applications. Iron body.

STEAM PRESSURE REGULATORS

- Max. pressure: 300 psi
- Max. temp.: 420°F

For steam or liquid applications. Stainless steel body.



			Pressure Adjustment Range					
Pipe Size	L	H	3 to 15 psi Item No.	5 to 40 psi Item No.	10 to 30 psi Item No.	10 to 50 psi Item No.	100 psi Item No.	30 to 140 psi Item No.
Process Steam Pressure Regulators								
1/2 in	6 in	8 1/4 in	36JA81	—	—	36JA82	—	36JA83
3/4 in	6 in	8 1/4 in	36JA84	—	—	36JA85	—	36JA86
1 in	7 1/2 in	9 1/4 in	36JA87	—	36JA88	—	—	36JA89
1 1/4 in	7 1/2 in	9 1/4 in	36JA90	—	36JA91	—	—	36JA92
1 1/2 in	9 in	14 in	—	36JA93	—	—	36JA94	—
2 in	9 in	14 in	—	36JA95	—	—	36JA96	—
			Pressure Adjustment Range					
Inlet Size	Outlet Size	L	H	3 to 15 psi Item No.	10 to 50 psi Item No.	30 to 140 psi Item No.		
Steam Pressure Regulators								
1/2 in	1/2 in	6 in	8 3/4 in	36JA97	—	—	36JA99	
3/4 in	3/4 in	6 in	8 3/4 in	—	36JC02	—	36JC03	
1 in	1 in	6 in	8 3/4 in	—	36JC05	—	—	



Lead-Free Bronze Water Pressure-Reducing Valves

- Max. pressure: 300 psi, except 40D776 to 40D792 are 400 psi
- Preset pressure settings: 50 psi, except for 49EL62
- Max. temp.: 140°F, except 40D776 to 40D831, 49EL62 are 180°F

Feature a balanced piston design that allows valves to react in a smooth and responsive manner to changes in system flow demand, while also controlling inlet pressure changes. 22N570 to 22N575 have a direct-acting bypass design to help prevent excessive pressure buildup caused by thermal expansion. Include a bypass check valve. All valves have a high-flow capacity and are suitable for use in industrial water lines and commercial irrigation systems. Find Repair Kit contents at Grainger.com. Certified for use in potable water applications. For a complete list of standards and specifications, go to Grainger.com and search for individual products.



Pipe Size	Connec. Type	Press. Adj. Range	L	H	Brand	Item No.
With Strainer						
1/2 in.	FNPT Union x FNPT	25 to 75 psi	5 1/2 in.	6 1/4 in.	Zurn	22N570
	Double Union FNPT	25 to 75 psi	6 in.	6 in.	Zurn	453U62
	Double Union FNPT	25 to 75 psi	6 in.	6 in.	Zurn	453U63
	Copper Sweat	25 to 75 psi	6 in.	6 in.	Zurn	453U63
3/4 in.	FNPT	25 to 75 psi	4 3/4 in.	5 1/2 in.	Zurn	54EF55
	FNPT	25 to 75 psi	5 1/4 in.	5 1/2 in.	Zurn	54EF53
	FNPT	25 to 75 psi	5 1/4 in.	5 1/2 in.	Zurn	54EF54
	FNPT Union x FNPT	25 to 75 psi	5 in.	5 in.	Zurn	22N571
	Single Union FNPT	25 to 75 psi	6 in.	6 in.	Zurn	453U61
	Double Union FNPT	25 to 75 psi	5 1/4 in.	6 1/4 in.	Zurn	453U59
	Copper Sweat	25 to 75 psi	5 1/4 in.	6 1/4 in.	Zurn	453U60
1 in.	FNPT	25 to 75 psi	5 3/4 in.	7 1/4 in.	Zurn	54EF52
	FNPT	25 to 75 psi	6 in.	7 1/4 in.	Zurn	54EF50
	FNPT	25 to 75 psi	6 in.	7 1/4 in.	Zurn	54EF51
	FNPT Union x FNPT	25 to 75 psi	6 1/2 in.	7 1/4 in.	Zurn	22N572
	Single Union FNPT	25 to 75 psi	5 in.	6 1/4 in.	Zurn	453U58
	Union x FNPT	25 to 75 psi	10 in.	8 1/2 in.	Zurn	45K844
1 1/4 in.	FNPT Union x FNPT	25 to 75 psi	7 1/2 in.	8 in.	Zurn	22N573
1 1/2 in.	FNPT Union x FNPT	25 to 75 psi	9 1/2 in.	10 in.	Zurn	22N574
2 in.	FNPT Union x FNPT	25 to 75 psi	10 1/4 in.	12 in.	Zurn	22N575
Without Strainer						
	NPT	20 to 90 psi	5 1/2 in.	8 3/4 in.	Cash Acme	49EL62
	Double Union FNPT	15 to 75 psi	5 3/4 in.	6 in.	Apollo	40D788
	Double Union FNPT	25 to 75 psi	5 3/4 in.	5 8/9 in.	Apollo	40D820
	Double Union Solder	15 to 75 psi	5 1/2 in.	6 in.	Apollo	40D787
	Double Union Solder	25 to 75 psi	5 3/4 in.	5 8/9 in.	Apollo	40D826
	FNPT	15 to 75 psi	3 3/4 in.	6 in.	Apollo	40D776
	FNPT	25 to 75 psi	4 in.	5 8/9 in.	Apollo	40D808
	FNPT	25 to 75 psi	4 5/8 in.	5 8/9 in.	Apollo	40D814
	Single Union FNPT	15 to 75 psi	4 1/2 in.	6 in.	Apollo	40D782
	Single Union FNPT	25 to 75 psi	4 5/8 in.	5 8/9 in.	Apollo	40D802
	Single Union Solder x FNPT	15 to 75 psi	4 1/2 in.	6 in.	Apollo	40D781
	Union x FNPT	25 to 75 psi	4 1/2 in.	6 in.	Zurn	45K826
	Union x FNPT	25 to 75 psi	8 1/4 in.	7 in.	Zurn	45K842
	Double Union FNPT	15 to 75 psi	5 1/2 in.	6 in.	Apollo	40D790
	Double Union FNPT	25 to 75 psi	5 3/4 in.	5 8/9 in.	Apollo	40D821
	Double Union Solder	15 to 75 psi	5 1/2 in.	6 in.	Apollo	40D789
	Double Union Solder	25 to 75 psi	5 3/4 in.	5 8/9 in.	Apollo	40D827
	FNPT	15 to 75 psi	3 3/4 in.	6 in.	Apollo	40D778
	FNPT	25 to 75 psi	3 3/4 in.	5 8/9 in.	Apollo	40D809
3/4 in.	Single Union FNPT	15 to 75 psi	4 1/2 in.	6 in.	Apollo	40D784
	Single Union FNPT	25 to 75 psi	4 5/8 in.	5 8/9 in.	Apollo	40D803
	Single Union Solder x FNPT	15 to 75 psi	4 1/2 in.	6 in.	Apollo	40D783
	Single Union Solder x FNPT	25 to 75 psi	4 5/8 in.	5 8/9 in.	Apollo	40D815
	Union x FNPT	25 to 75 psi	4 3/4 in.	6 in.	Zurn	45K827
	Union x FNPT	25 to 75 psi	9 1/2 in.	7 1/4 in.	Zurn	45K843

Search for individual products.							
Pipe Size	Connec. Type	Press. Adj. Range	L	H	Brand	Item No.	
1 in	Double Union FNPT	15 to 75 psi	5 3/4 in	6 in	Apollo	40D792	
	Double Union FNPT	25 to 75 psi	6 3/4 in	6 8/9 in	Apollo	40D822	
	Double Union Solder	15 to 75 psi	5 3/4 in	6 in	Apollo	40D791	
	Double Union Solder	25 to 75 psi	6 3/4 in	6 8/9 in	Apollo	40D828	
	FNPT	15 to 75 psi	3 3/4 in	6 in	Apollo	40D780	
	FNPT	25 to 75 psi	4 3/4 in	6 8/9 in	Apollo	40D810	
	Single Union FNPT	15 to 75 psi	4 3/4 in	6 in	Apollo	40D786	
	Single Union FNPT	25 to 75 psi	5 1/2 in	6 8/9 in	Apollo	40D804	
	Single Union Solder x FNPT	15 to 75 psi	4 3/4 in	6 in	Apollo	40D785	
	Single Union Solder x FNPT	25 to 75 psi	5 1/2 in	6 8/9 in	Apollo	40D816	
1 1/4 in	Union x FNPT	25 to 75 psi	5 1/8 in	6 7/8 in	Zurn	45K828	
	Double Union FNPT	25 to 75 psi	7 1/2 in	8 8/9 in	Apollo	40D823	
	Double Union Solder	25 to 75 psi	7 3/4 in	8 8/9 in	Apollo	40D829	
	FNPT	25 to 75 psi	5 3/4 in	8 8/9 in	Apollo	40D811	
	Single Union FNPT	25 to 75 psi	6 1/2 in	8 8/9 in	Apollo	40D805	
	Single Union Solder x FNPT	25 to 75 psi	6 3/4 in	8 8/9 in	Apollo	40D817	
	Union x FNPT	25 to 75 psi	6 1/4 in	7 1/4 in	Zurn	45K829	
	Union x FNPT	25 to 75 psi	13 1/4 in	9 1/4 in	Zurn	45K845	
	Double Union FNPT	25 to 75 psi	7 3/4 in	8 8/9 in	Apollo	40D824	
	Double Union Solder	25 to 75 psi	8 in	8 8/9 in	Apollo	40D830	
1 1/2 in	FNPT	25 to 75 psi	5 3/4 in	8 8/9 in	Apollo	40D812	
	Single Union FNPT	25 to 75 psi	6 3/4 in	8 8/9 in	Apollo	40D806	
	Single Union Solder x FNPT	25 to 75 psi	6 3/4 in	8 8/9 in	Apollo	40D818	
	Union x FNPT	25 to 75 psi	8 1/4 in	10 in	Zurn	45K830	
	Union x FNPT	25 to 75 psi	17 3/4 in	11 3/4 in	Zurn	45K846	
	Double Union FNPT	25 to 75 psi	9 3/4 in	11 1/2 in	Apollo	40D825	
	Double Union Solder	25 to 75 psi	10 1/2 in	11 1/2 in	Apollo	40D831	
	FNPT	25 to 75 psi	7 1/4 in	11 1/2 in	Apollo	40D813	
	Single Union FNPT	25 to 75 psi	8 1/2 in	11 1/2 in	Apollo	40D807	
	Single Union Solder x FNPT	25 to 75 psi	8 3/4 in	11 1/2 in	Apollo	40D819	
2 in	Union x FNPT	25 to 75 psi	9 1/2 in	10 3/4 in	Zurn	45K831	
	Union x FNPT	25 to 75 psi	18 3/4 in	13 1/2 in	Zurn	45K847	
	Union FNPT Inlet x FNPT	25 to 75 psi	10 in	14 1/2 in	Zurn	45K832	
	Union x FNPT	25 to 75 psi	19 1/2 in	17 1/2 in	Zurn	45K848	
2 1/2 in	Union FNPT Inlet x FNPT	25 to 75 psi	11 1/2 in	16 in	Zurn	45K833	
	Union x FNPT	25 to 75 psi	25 in	19 in	Zurn	45K849	
For Use With Grainger				For Use With Grainger			
Repair Kits	Item Number	Brand	Item No.	Size	Item Number	Brand	Item No.
1/2 in	45K826	Zurn	45K834	3 in	45K833	Zurn	45K841
3/4 in	45K827	Zurn	45K835	3/4 in	54EF53, 54EF54	Zurn	54EF57
1 in	45K828	Zurn	45K836		54EF50, 54EF51, 54EF52		
1 1/4 in	45K829	Zurn	45K837	1 in	54EF52	Zurn	54EF56
1 1/2 in	45K830	Zurn	45K838	8 in,			
2 in	45K831	Zurn	45K839	10 in,	—	Zurn	54EF58
2 1/2 in	45K832	Zurn	45K840	12 in			