

BelGAS

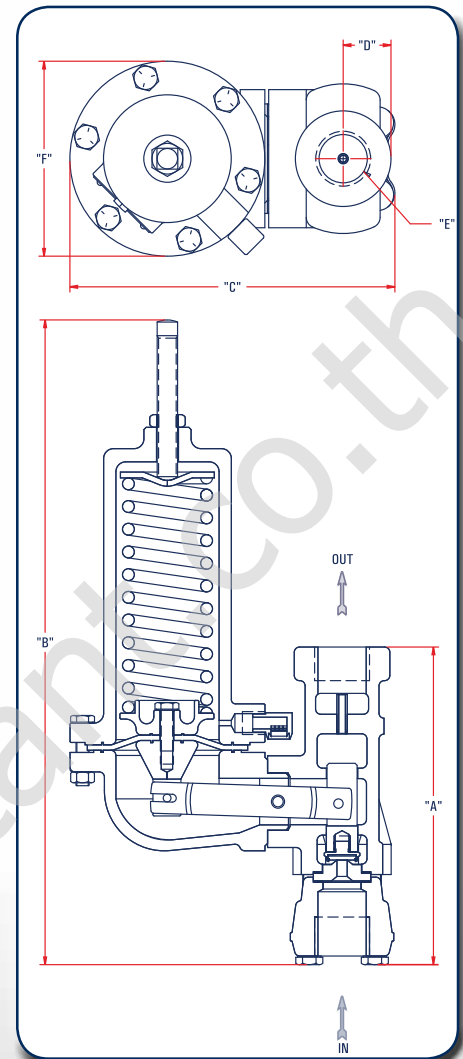
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P630 Dimensions

	Body Size		A	B	C	D	E	F
High Pressure P630	1"	mm	193	392	198	29	1"	119
		inches	7.61	15.45	7.79	1.15	NPT	4.67
	2"	mm	207	398	215	45	2"	119
		inches	8.13	15.68	8.45	1.90	NPT	4.67
Low Pressure P630	1"	mm	193	392	231	29	1"	184
		inches	7.61	15.45	9.09	1.15	NPT	7.25
	2"	mm	207	398	398	45	2"	184
		inches	8.13	15.68	9.75	1.90	NPT	7.25

P630 Regulator Rebuild Kits

	Kit Includes	Part Number
P630 High Pressure, Ranges 27 - 50 PSIG and above	Neoprene diaphragms, Nylon valve disk, O-rings, back-up rings, and retaining pin	971-630-000
	Neoprene diaphragm, CTFE valve disk, one body gasket, and 2 orifice gaskets	971-630-100
	Fluorocarbon diaphragms (2), Nylon valve disk, one body gasket, and 2 orifice gaskets	971-630-200
	Fluorocarbon diaphragms (2), CTFE valve disk, one body gasket, and 2 orifice gaskets	971-630-300
P630 Low Pressure, Ranges 3 - 10 PSIG Thru 27 - 40 PSIG	Neoprene diaphragm, Nylon valve disk, one body gasket, and 2 orifice gaskets	971-630-400
	Neoprene diaphragm, CTFE valve disk, one body gasket, and 2 orifice gaskets	971-630-500
	Fluorocarbon diaphragms (2), Nylon valve disk, one body gasket, and 2 orifice gaskets	971-630-600
	Fluorocarbon diaphragms (2), CTFE valve disk, one body gasket, and 2 orifice gaskets	971-630-700



P630 Flow Capacities in SCFH of 0.6 S.G. Natural Gas at 20% Droop

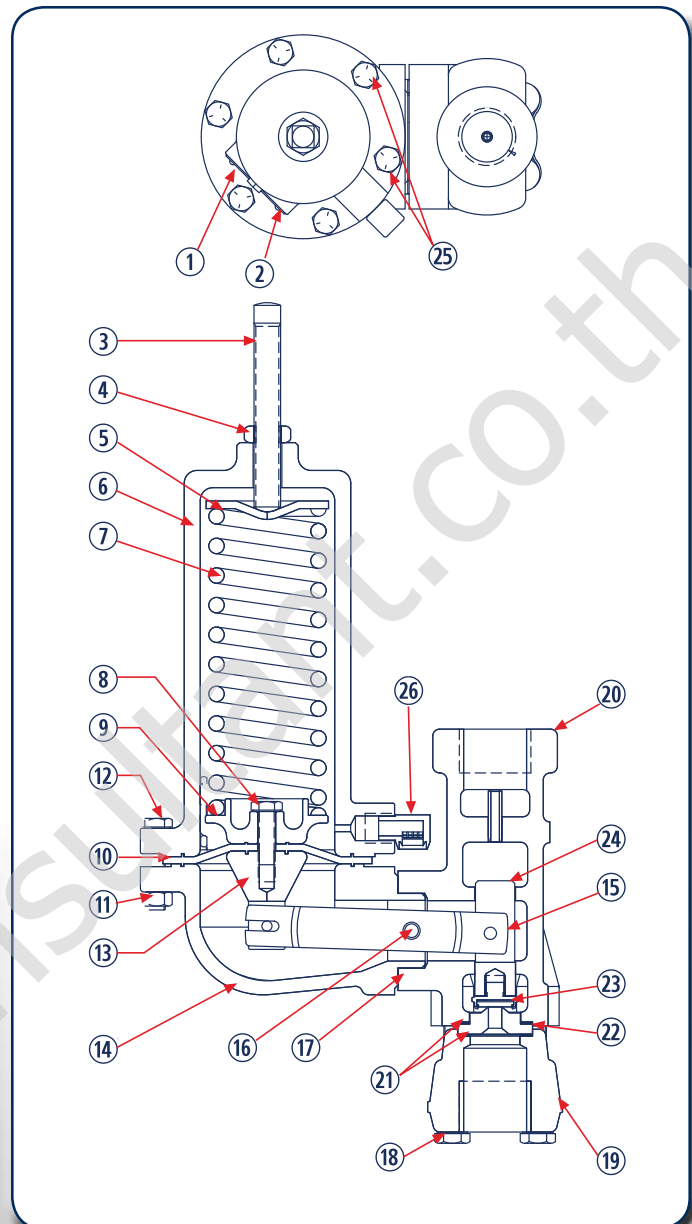
Outlet Pressure Range	Outlet Pressure Setting		Inlet Pressure	1" Body Size						2" Body Size				
				Port Diameter, inches						Port Diameter, inches				
	PSIG	BAR	PSIG	BAR	1/8	3/16	1/4	3/8	1/2	1/8	3/16	1/4	3/8	1/2
3 to 10 PSIG (0.21 to 0.69 BAR)	5	0.34	10	0.69	200	510	990	1700	2200	290	830	1300	3300	5900
			20	1.4	400	770	1200	2000	2700	500	1200	2100	4800	9100
			30	2.1	600	1100	1500	2200	3300	760	1600	2700	7000	11,000
			50	3.5	950	1500	2100	2800	4200	1100	2200	3900	9800	17,000
			60	4.1	1100	1750	2400	3000	4100	1250	2700	4500	11,100	19,500
			75	5.2	1300	2100	2700	3400	4400	1500	3300	5400	13,000	23,000
			100	6.9	1700	2400	2900	4000	4900	1900	4300	7000	17,000	30,000
			150	10.3	2200	3000	3500	4600	5800	2800	6200	10,000	25,000	43,000
			200	13.8	3000	3400	4200	5100	6100	3700	8200	13,000	32,000	57,000
			250	17.2	3500	3800	4300	5900	6800	4500	10,200	17,000	38,000	70,000
			400	27.5	3700	3900	4500	6400		7200	16,000	28,000	64,000	
			500	34.5	4100	4300	4700	7400		9100	19,000	35,000	79,000	
			600	41.4	4300	4600	5000			10,000	24,000	42,000		
			1000	69	4600	4900	5600			18,000	39,000	69,000		
			1500	103	5000	5400				22,000	60,000			
	10	0.69	20	1.4	500	1200	1800	4200	4900	560	1300	2200	5100	9000
			30	2.1	700	1400	2800	4100	5300	770	1500	3000	7000	11,000
			50	3.5	1000	2300	4100	5100	6200	1100	2400	4300	9800	17,000
			60	4.1	1150	2700	4200	5500	6500	1250	2800	5000	11,100	19,500
			75	5.2	1400	3200	4400	6000	6800	1500	3400	5900	13,000	23,000
			100	6.9	1600	3800	5000	6400	7300	1900	4400	7600	17,000	30,000
			150	10.3	2400	4800	6200	7300	7900	2800	6200	11,000	25,000	43,000
			200	13.8	3300	5800	6900	7700	8200	3700	8100	14,000	33,000	57,000
			250	17.2	4000	5900	7300	8600	8700	4400	10,000	17,000	41,000	70,000
			400	27.6	5400	6900	7600	9000		7200	16,000	28,000	62,000	
			500	34.5	6000	7100	7900	9700		8900	19,000	35,000	76,000	
			600	41.4	6500	7300	8200			10,000	23,000	42,000		
			1000	69	7200	7700	8400			18,000	40,000	72,000		
			1500	103	7400	8400				27,000	60,000			

P630 Flow Capacities in SCFH of 0.6 S.G. Natural Gas at 20% Droop

Outlet Pressure Range	Outlet Pressure Setting		Inlet Pressure		1" Body Size					2" Body Size				
					Port Diameter, inches					Port Diameter, inches				
	PSIG	BAR	PSIG	BAR	1/8	3/16	1/4	3/8	1/2	1/8	3/16	1/4	3/8	1/2
8 to 20 PSIG (0.55 to 1.4 BAR)	10	0.69	20	1.4	500	700	1400	2200	3600	550	1200	1700	2500	4900
			30	2.1	700	1300	2100	3100	4300	760	1500	2500	4600	8800
			50	3.5	900	1900	3200	4300	5400	1000	2300	3800	7800	16,000
			60	4.1	1050	2300	3500	4700	5800	1200	2700	4500	9900	18,500
			75	5.2	1300	2800	4000	5200	6400	1500	3300	5600	13,000	23,000
			100	6.9	1600	3500	4600	5700	6900	1900	4300	7400	17,000	30,000
			150	10.3	2400	4400	5700	6800	7800	2800	6100	11,000	25,000	44,000
			200	13.8	3300	4800	6200	7500	8200	3600	8000	14,000	32,000	57,000
			250	17.2	4000	5800	7000	8000	8700	4400	9500	17,000	37,000	70,000
			400	27.6	5400	6500	7600	8900		7200	15,000	28,000	60,000	
			500	34.5	6000	6900	7900	9400		8800	19,000	35,000	74,000	
			600	41.4	6500	7000	8200			10,000	23,000	42,000		
			1000	69	7200	7700	8400			18,000	39,000	72,000		
			1500	103	7400	8100				27,000	60,000			
	15	1.0	20	1.4	470	1000	1700	3300	4900	520	1100	1800	3500	5700
			30	2.1	600	1500	2500	4600	5200	740	1600	2800	5900	10,000
			50	3.5	1000	2300	3800	5500	5700	1100	2400	4300	9800	16,000
			60	4.1	1150	2700	4300	6100	6800	1250	2800	5000	11,100	18,500
			75	5.2	1400	3300	5100	7000	8500	1500	3400	6000	13,000	23,000
			100	6.9	1900	4300	6200	7600	9600	1900	4400	7800	17,000	30,000
			150	10.3	2700	6100	7400	8000	9900	2800	6400	11,000	25,000	43,000
			200	13.8	3600	7500	8500	9600	10,000	3700	8300	14,000	31,000	57,000
			250	17.2	4700	8400	9100	10,000	11,000	4800	10,000	19,000	39,000	74,000
			400	27.6	7100	8700	10,000	11,000		7200	16,000	29,000	64,000	
			500	34.5	8300	8800	10,500	12,000		9200	20,000	37,000	82,000	
			600	41.4	8600	9600	10,800			11,000	23,000	42,000		
			1000	69	9600	10,000	11,000			18,000	40,000	71,000		
			1500	103	10,000	11,000				27,000	60,000			
	20	1.4	30	2.4	600	1500	2500	4600	6800	700	1600	2600	5200	9200
			40	2.8	800	2000	3400	5700	8100	900	2100	3500	7500	12,000
			50	3.5	1000	2300	4200	6800	9000	1100	2400	4300	9400	15,000
			60	4.1	1150	2700	4900	7500	9800	1250	2800	5100	11,000	18,500
			75	5.2	1400	3300	5900	8500	10,000	1500	3400	6100	13,000	23,000
			100	6.9	1800	4100	7400	9500	11,000	1900	4300	7800	17,000	29,000
			150	10.3	2700	6100	9200	11,000	12,000	2800	6300	11,000	23,000	42,000
			200	13.8	3600	8000	10,000	12,000	13,000	3700	8200	14,000	32,000	59,000
			270	18.6	4500	9800	11,000	13,000	14,000	4900	10,000	19,000	39,000	75,000
			400	27.6	7200	10,000	13,000	14,000		7300	16,000	28,000	63,000	
			520	35.0	8800	11,000	13,500	15,000		9500	20,000	37,000	82,000	
			600	41.4	10,000	12,000	13,800			11,000	24,000	43,000		
			1020	70.3	11,000	12,300	15,000			18,000	40,000	73,000		
			1500	103	12,000	13,000				27,000	60,000			
17 to 30 PSIG (1.17 to 2.1 BAR)	20	1.4	30	2.4	590	900	1700	3300	4700	680	1300	2100	3500	6000
			40	2.8	790	1700	2400	4000	6100	890	1800	2800	5100	8200
			50	3.5	900	2200	3600	4900	6900	1000	2300	3700	6200	10,000
			60	4.1	1050	2500	4000	5500	7400	1200	2700	4300	7400	12,500
			75	5.2	1300	3000	4500	6400	8100	1500	3300	5300	9200	16,000
			100	6.9	1700	4000	5500	7600	9700	1900	4200	6900	12,000	24,000
			150	10.3	2100	5500	7000	9600	11,000	2200	6100	10,000	21,000	40,000
			200	13.8	3400	6400	9100	11,000	12,000	3500	8000	13,000	32,000	56,000
			270	18.6	4400	8400	10,000	12,000	13,000	4800	10,000	19,000	39,000	75,000
			400	27.6	7000	8700	11,000	13,000		7100	15,000	28,000	63,000	
			520	35.9	8200	10,000	12,000	13,800		9300	20,000	37,000	82,000	
			600	41.4	9600	11,000	13,000			10,000	24,000	42,000		
			1020	70.3	10,000	12,000	14,000			18,000	40,000	72,000		
			1500	103	12,000	13,000				27,000	60,000			
	30	2.1	40	2.8	820	1700	2700	5100	7600	860	1800	2900	5300	8500
			50	3.5	900	2200	3600	6400	6700	1000	2300	3800	7300	11,000
			60	4.1	1100	2600	4400	7500	9800	1200	2700	4700	8900	14,000
			75	5.2	1400	3300	5400	8800	11,000	1500	3400	5800	11,000	18,000
			100	6.9	1700	4100	6800	10,000	12,000	1800	4200	7800	16,000	28,000
			150	10.3	2600	6000	9100	13,000	14,000	2700	6100	11,000	20,000	44,000
			200	13.8	3500	8000	11,000	14,000	16,000	3600	8100	14,000	24,000	58,000
			280	19.3	4900	10,500	13,000	15,000	17,000	5000	11,000	20,000	46,000	80,000
			400	27.6	6900	13,000	15,000	17,000		7000	16,000	28,000	64,000	
			530	36.5	9400	14,500	15,800	19,000		9500	20,000	37,000	86,000	
			600	41.4	9700	15,000	16,000			10,000	23,000	42,000		
			1030	71.0	16,000	18,000	18,000			19,000	41,000	73,000		
			1500	103	16,400	18,500				27,000	61,000			

P630 Parts

Item	Description	Part Number
1	Nameplate (requires 4 drive screws for mounting)	632-472-000
2	Drive Screw (4 required)	648-464-000
3	Adjusting Screw Spring Range	3-10 PSIG Low Pressure Spring Ranges 648-462-002
		8-20 PSIG 648-462-001
		17-30 PSIG 648-462-000
		27-40 PSIG 648-462-000
		27-50 PSIG 648-462-002
		46-95 PSIG 648-462-001
		90-150 PSIG High Pressure Spring Ranges 648-462-000
		150-200 PSIG 648-462-000
		200-275 PSIG 648-462-000
4	Hex Nut	634-000-056
5	Upper spring guide - Pressure range to 275 PSIG	626-077-000
	Upper spring guide - Over 275 PSIG	626-078-000
6	Bonnet - Iron (27-50 PSIG thru 275-500 PSIG ranges)	604-204-000
	Bonnet - Steel (27-50 PSIG thru 275-500 PSIG ranges)	604-205-000
	Bonnet - Iron (3-10 PSIG thru 27-40 PSIG ranges)	604-233-000
	Bonnet - Steel (3-10 PSIG thru 27-40 PSIG ranges)	604-234-000
7	Range Spring	3-10 & 27-50 PSIG Low Pressure - Red Stripe 655-659-000
		8-20 & 46-95 PSIG - Olive Drab 655-659-001
		17-30 & 90-150 PSIG - Silver 655-659-002
		27-40 & 150-200 PSIG - Green Stripe 655-659-003
	High Pressure	200-275 PSIG - Blue Stripe 655-659-004
		275-500 PSIG - Yellow Stripe 655-659-005
8	Diaphragm Screw	648-463-000
9	Lower spring guide - 3-10 PSIG thru 27-40 PSIG	626-095-000
	Lower spring guide - 27-50 PSIG thru 200-275 PSIG	637-304-000
	Lower spring guide - 275-500 PSIG	637-305-000
10	Diaphragm	Neoprene (27-50 PSIG Thru 275-500 PSIG) 618-068-000
		Fluorocarbon (2 required for 27-50 PSIG thru 275-500 PSIG) 618-068-001
		Neoprene (3-10 PSIG thru 27-40 PSIG) 618-073-000
		Fluorocarbon (2 required for 3-10 PSIG thru 27-40 PSIG) 618-073-001
11	Hex nut for the iron diaphragm housing (4 required for ranges 27-50 PSIG or greater, 10 required for 3-10 PSIG thru 27-40 PSIG)	634-000-112
12	Build Screws	For the iron diaphragm housing (4 required for 27-50 PSIG thru 275-500 PSIG ranges) 648-463-003
		For the steel diaphragm housing (4 required for 27-50 PSIG Thru 275-500 PSIG ranges) 648-463-005
		For the iron diaphragm housing (10 required for 3-10 PSIG Thru 27-40 PSIG ranges) 648-463-003
		For the steel diaphragm housing (10 required for 3-10 PSIG Thru 27-40 PSIG ranges) 648-463-007
13	Connector piston assembly	Aluminum trim 827-004-000
		Stainless Steel trim 827-004-001
		Aluminum trim, NACE 827-006-000
		Stainless Steel trim, NACE 827-006-001
14	Diaphragm Housing	Iron (27-50 PSIG Thru 275-500 PSIG) 629-199-000
		Steel (27-50 PSIG Thru 275-500 PSIG) 629-200-000
		Iron (3-10 PSIG Thru 27-40 PSIG) 629-224-000
		Steel (3-10 PSIG Thru 27-40 PSIG) 629-225-000
15	Lever Assembly	(27-50 PSIG Thru 275-500 PSIG) 827-003-000
		NACE (27-50 PSIG Thru 275-500 PSIG) 827-007-000
		All Low Pressure, (3-10 PSIG Thru 27-40 PSIG) 827-010-000
16	Pin	635-052-000
17	Gasket - Composite	624-056-000



Item	Description	Part Number
18	Build screw 1" body (4 required) 2" body (4 required)	648-463-004 648-463-006
19	Inlet adapter 1 NPT 1030 Carbon Steel 2 NPT 1030 Carbon Steel	679-036-000 679-037-000
20	Body 1 NPT Iron 1 NPT Steel 2 NPT Iron 2 NPT Steel	805-308-001 805-308-000 664-277-000 664-279-000
21	Body Gaskets Composite (2 required)	624-058-000
22	Orifice	1/8" 688-010-000
		3/16" 688-010-001
		1/4" 688-010-002
		3/8" 688-010-003
23	Seat Assembly	SS holder/nylon disk 688-010-004
		SS holder/TFE disk 822-018-000 822-018-001
24	Valve Carrier	673-017-000
25	Build screw for steel diaphragm housing (2 required)	648-463-001
26	Vent protector assembly	836-004-000
27	Cap screws (Body to Housing) not shown	648-463-002
28	NACE Tag (not shown-Steel Units only)	632-503-000
29	Piston - 3-10 PSIG thru 27 - 40 PSIG Ranges only	637-315-000