

P200 Pressure Regulator

- Minimize Sudden Downstream Load Change
- Wide Pressure Ranges
- P202 has internal relief valve for overpressure protection

The P200 series pressure regulator is a manual, direct acting, self-operating, spring loaded, adjustable regulator. The P200 series is used in applications where pressure reduction is required. The regulator will reduce the risk of "shock" from abrupt changes of downstream conditions. This can help prevent safety equipment from shutting an operation down.

Applications

- Compressors
- Gas Engines
- Service Regulators



Materials of Construction

Adjusting Screw	Aluminum / Brass
Body	Ductile Cast Iron or WCB Steel
Bonnet	Aluminum
Closing Cap	Aluminum / Brass
Diaphragm	Nitrile
Lower Casing	Aluminum
Molded Seat Assembly	Nitrile
Orifice	Aluminum
Upper/Lower Spring Seat	Aluminum / Brass
Flange	Iron

Specifications

Maximum Inlet	See Table 1	
Maximum Emergency Outlet	15 PSIG	
Pressure Ranges	See Table 2	
Port Sizes	1.25 NPT	
	1.5 NPT	
	1.5 NPT x 2 NPT	
	2 NPT	
Orifice Sizes	1/4"	
	3/8"	
	1/2"	
	3/4"	
	1"	
End Connections	1-3/16"	
	NPT	
	125 FF Flange*	*Iron Units Only
Temperature Range	250 RF Flange*	
	-40 °F to 200 °F	
Approx. Weight	-40 °C to 93 °C	
	26 lbs. (11.8 kg)	

P200 Series Maximum Inlet Pressure

Orifice Inches	Versions	Pressure Range "WC or PSIG	Maximum Inlet Pressure PSIG
1/4"			125
3/8"			125
1/2"			100
3/4"			60
1"	O		25
	H		20
	K		30
1-3/16"	O		13
	H	1 - 2 PSIG	14
		1.5 - 3.25 PSIG	14
		2 - 5 PSIG	20
	K	2 - 5.5 PSIG	20
		4 - 10 PSIG	25

P200 Series Range Springs

Model	Spring Ranges		Spring Color	Part Number
	W.C. or PSI	Bar		
P201 and P202	2 - 4.5 W.C.	0.005 - 0.011	Brown	655-697-002
	3.5 - 6.5 W.C.	0.009 - 0.016	Red	655-697-003
	5 - 9 W.C.	0.012 - 0.022	Black	655-697-004
	8.5 - 18 W.C.	0.021 - 0.045	White	655-697-005
	14 - 30 W.C.	0.035 - 0.075	Dark Green	655-697-006
P201H and P202H	1 - 2 PSI	0.069 - 0.138	Dark Blue	655-697-007
	1.5 - 3.25 PSI	0.103 - 0.224	Orange	655-697-008
	2 - 5 PSI	0.138 - 0.345	Yellow	655-697-009
P201K	2 - 5.5 PSI	0.138 - 0.379	Green	655-659-003
	4 - 10 PSI	0.276 - 0.689	Grey	655-697-010

P200 Regulator Rebuild Kits

	Kit Includes	Part Number
P200 O & H	Diaphragm, disk holder assembly, cap gasket and body/lower casing o-ring	971-200-000
P200 K	Diaphragm, disk holder assembly, cap gasket and body/lower casing o-ring	971-200-001

P200 Dimensions

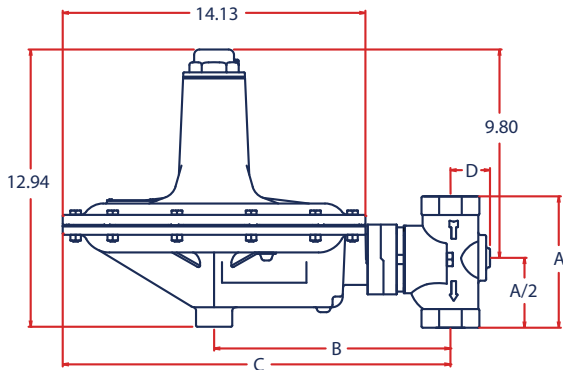
Body Size Inches	A		B	C	D		
	NPT	125 FF Flange*			250 RF Flange*	NPT	125 FF Flange*
1.25	6.13		11.03	18.09	1.85		
1.5	6.13		11.03	18.09	1.85		
1.5 x 2	6.13		11.03	18.09	1.85		
2	6.13	10	10.5	10.59	17.66	2.15	3

* Flanges only available in Iron

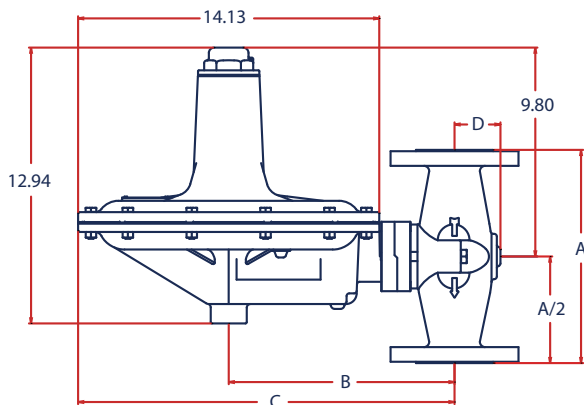
P200 Part Matrix

P200	Version	Configuration	Port Size	Spring Range	Special Construction	Orifice	Port Orientation	Bonnet Vent Orientation	Body Material
1	Non-Relieving								
2	Relieving								
O	Normal								
H	High								
K	Heavy (P201 Only)								
12	1.25 NPT								
14	1.5 NPT								
15	1.5 x 2 NPT								
16	2 NPT								
004	2 - 4.5" W.C.	0.005 - 0.011							
006	3.5 - 6.5" W.C.	0.009 - 0.016							
009	5 - 9" W.C.	0.012 - 0.022							
018	8.5 - 18" W.C.	0.021 - 0.045							
030	14 - 30" W.C.	0.035 - 0.075							
002	1 - 2 PSIG*	0.069 - 0.138							
003	1.5 - 3.25 PSIG*	0.103 - 0.220							* H Version Only
005	2 - 5 PSIG*	0.138 - 0.345							
K05	2 - 5.5 PSIG**	0.138 - 0.379							** P201K Only
010	4 - 10 PSIG**	0.276 - 0.689							
O	None								*** Iron Only
E	125 FF ***								
F	250 RF ***								
4	1/4"								
6	3/8"								
8	1/2"								
B	3/4"								
D	1"								
F	1-3/16"								
1	Up (Standard)								
2	Down								
3	Right								
4	Left								
C	12 O'Clock								
D	3 O'Clock (Standard)								
E	6 O'Clock								
F	9 O'Clock								
0	Iron								
2	Steel								

P200 Standard



P200 Flanged

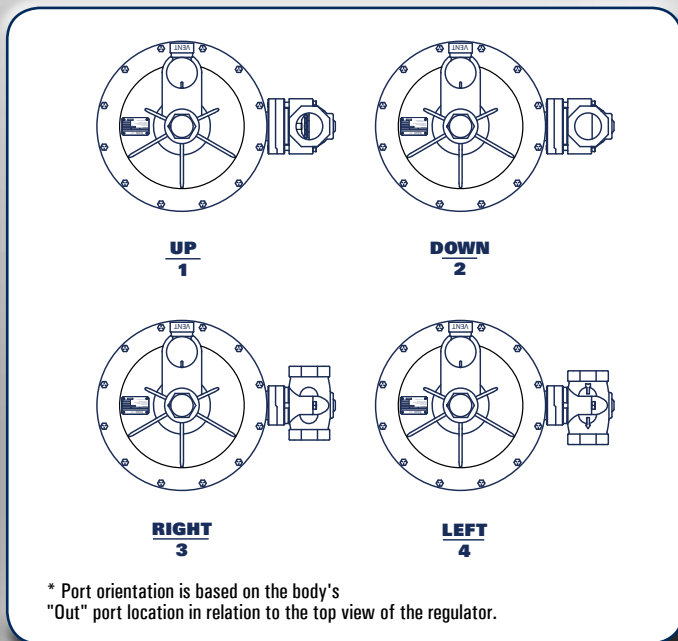


P200 Head Only

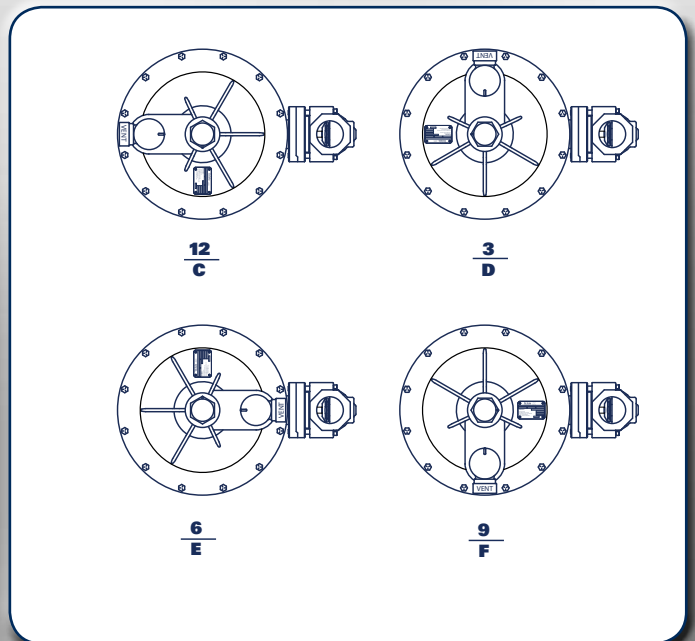
P20				0		Version
	1					Non-Relieving
	2					Relieving
						Configuration
				0		Normal
				H		High
				K		Heavy (P201 Only)
						Spring Range
						PSIG BAR
				004		2 - 4.5" W.C. 0.005 - 0.011
				006		3.5 - 6.5" W.C. 0.009 - 0.016
				009		5 - 9" W.C. 0.012 - 0.022
				018		8.5 - 18" W.C. 0.021 - 0.045
				030		14 - 30" W.C. 0.035 - 0.075
				002		1 - 2 PSIG* 0.069 - 0.138
				003		1.5 - 3.25 PSIG* 0.103 - 0.220
				005		2 - 5 PSIG* 0.138 - 0.345
				K05		2 - 5.5 PSIG** 0.138 - 0.379
				010		4 - 10 PSIG** 0.276 - 0.689
						Special Construction
				0		None
						Bonnet Vent Orientation
				C		12 O'Clock
				D		3 O'Clock (Standard)
				E		6 O'Clock
				F		9 O'Clock
						Trim Material
				0		Nitrile
				2		(Future)



P200 Port Orientation*

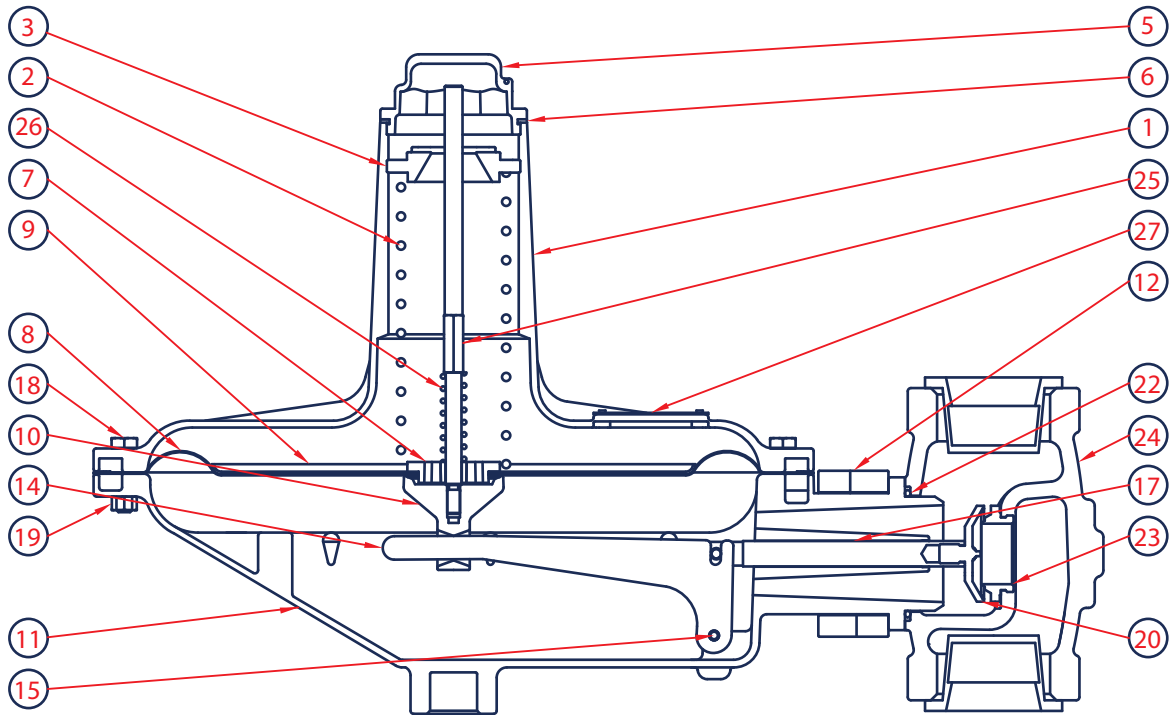


P200 Bonnet Vent Orientation

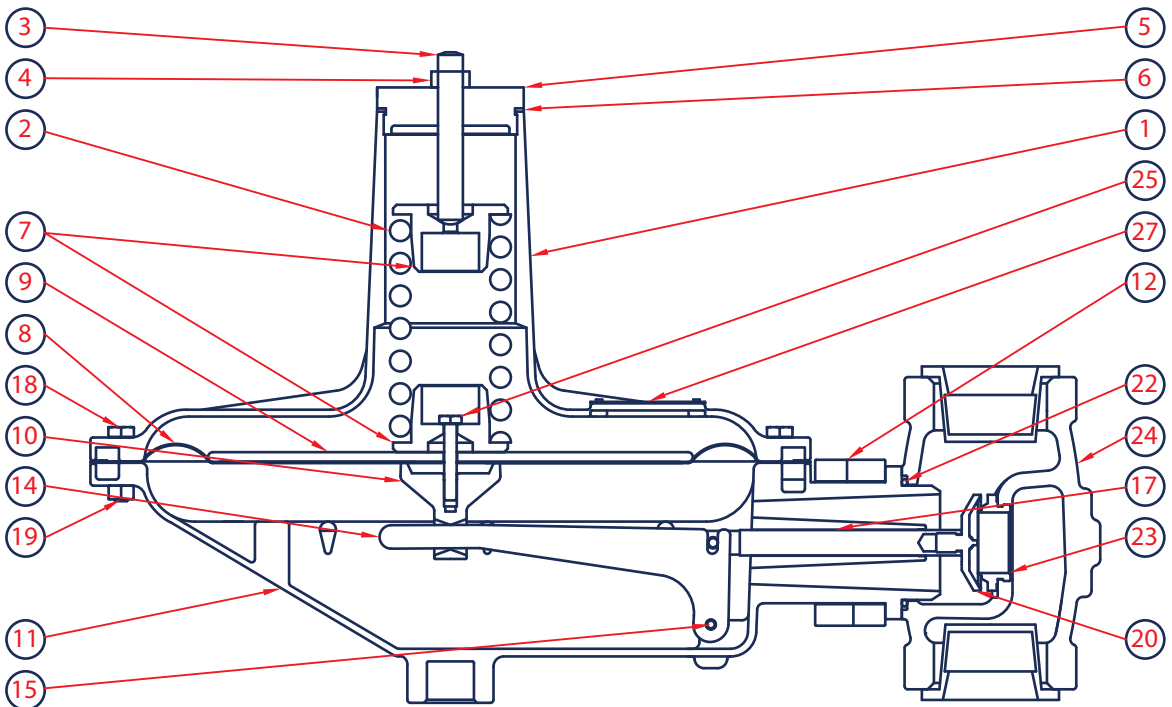


P200 Parts Drawing

P200 O & H

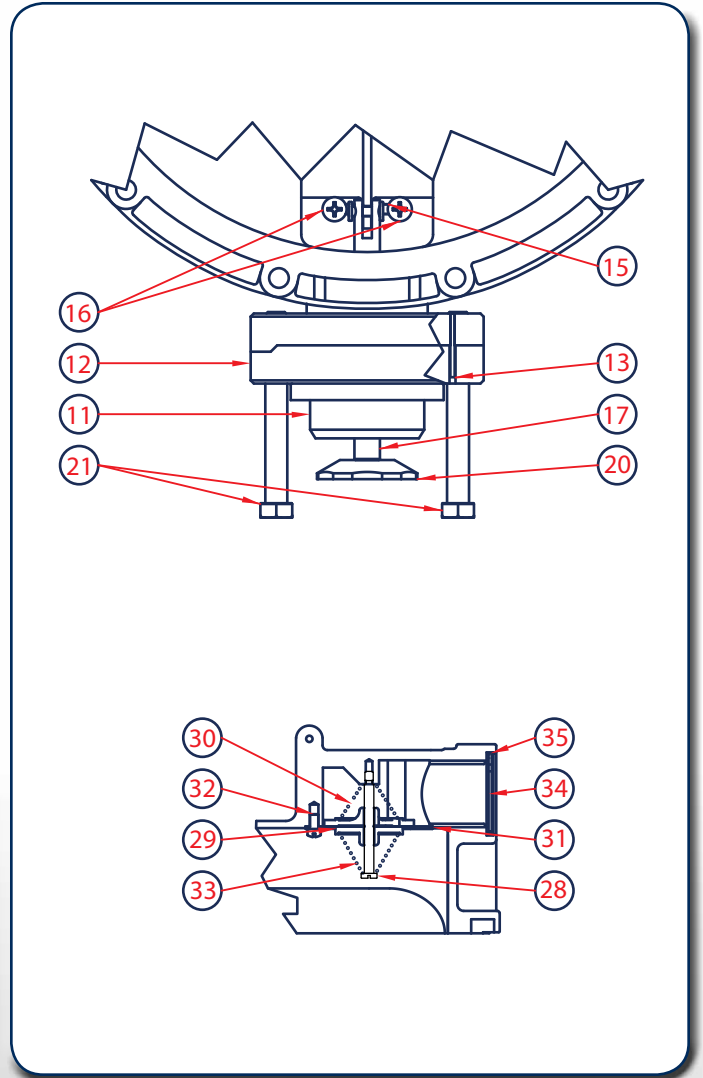


P200 K



P200 Parts List

Item	Description	Qty.	Part Number
1	Bonnet (All except H/ 2-5 PSI)	1	604-230-000
	Pinned Spring Case (for 655-697-009 only)		800-132-000
2	Range Spring	1	See Table 2
3	Adjusting Screw	1	648-504-000
	Adjusting Screw (P201K only)		648-462-000
4	Hex Nut (P201K Only)	1	634-000-056
5	Closing Cap	1	610-058-000
	Closing Cap (P201K only)		610-061-000
6	Closing Cap Gasket	1	624-068-000
7	Upper/Lower Spring Seat	1	650-134-000
	Upper/Lower Spring Seat (P201K only)	2	626-105-000
8	Diaphragm, Nitrile	1	618-072-000
	Diaphragm, (P201K only), Nitrile		618-089-000
9	Diaphragm Head (P201 and P202)	1	628-277-000
	Diaphragm Head (P201H and P202H)		628-279-000
	Diaphragm Head (P201K only)		628-280-000
10	Pusher Post (P201, P201H and P201K)	1	637-326-000
	Pusher Post (P202 and P202H)		637-317-000
11	Lower Casing Assembly	1	629-219-000
12	Union Ring	2	644-056-000
13	Spring Pin	1	635-065-000
14	Lever	1	730-000-000
15	Pin	1	635-064-000
16	Machine Screw	2	648-503-000
17	Valve Stem Assembly	1	827-013-000
18	Cap Screw	12	648-506-000
19	Hex Nut	12	634-174-000
20	Disk Holder Assembly, Nitrile	1	822-033-000
21	Cap Screw	2	648-506-001
22	O-Ring, Nitrile	1	649-000-152
23	Orifice, 1/4"	1	688-033-000
	Orifice, 3/8"		688-033-001
	Orifice, 1/2"		688-033-002
	Orifice, 3/4"		688-033-003
	Orifice, 1"		688-033-004
	Orifice, 1-3/16"		688-033-005
24	Iron Body, 2" NPT	1	664-309-000
	Steel Body, 2" NPT		664-342-000
	Iron Body, 1.5" NPT		664-345-000
	Steel Body, 1.5" NPT		664-347-000
	Iron Body, 1.25" NPT		664-345-001
	Steel Body, 1.25" NPT		664-347-001
	Iron Body, 1.5 x 2" NPT		664-349-000
	Steel Body, 1.5 x 2" NPT		664-349-001
25	Cap Screw (P201 and P201H)	1	648-506-003
	Cap Screw (P201K only)		648-506-002
	Stem (P202 and P202H)		648-505-000
26	Relief Valve Spring (P202 and 202H)	1	655-697-001
27	Nameplate	1	632-526-000
28	Flapper Stem	1	661-008-000
29	Lower Flapper	1	661-009-000
30	Upper Flapper	1	661-010-000
31	Seat Ring	1	650-136-000
32	Self-Tapping Screw	3	648-502-000
33	Vent Port Spring	2	655-697-000
34	Screen	1	647-018-000
35	Snap Ring	1	693-021-000



P200 Flow Capacities in SCFH (Nm³/h) of 0.6 Specific Gravity Natural Gas

Outlet Pressure, Spring Part Number, and Accuracy	Inlet Pressure		NPT 1-1/2 Body Size					
			Orifice Size, Inches (mm)					
	PSIG	BAR	1/4 (6.4)	3/8 (9.5)	1/2 (13)	3/4 (19)	1 (25)	1-3/16 (30)
4 inches w.c. (10 mbar) 655-697-002 or 655-697-003 1 inch w.c. (2 mbar) droop 2 inches w.c. (5 mbar) boost	0.4	0.028				1000 (26.8)	1400 (37.5)	1600 (42.8)
	0.5	0.034				1400 (37.5)	1600 (42.8)	1800 (48.2)
	1	0.07	400 (10.7)	800 (21.4)	1200 (32.2)	2100 (56.3)	2500 (67.0)	2700 (72.4)
	1.5	0.10	500 (13.4)	1050 (28.1)	1600 (42.9)	2500 (67.0)	3000 (80.4)	3200 (85.8)
	2	0.14	600 (16.1)	1300 (34.8)	2100 (56.3)	2800 (75.0)	3500 (93.8)	3800 (102)
	5	0.34	1150 (30.8)	2200 (58.9)	3300 (88.4)	4500 (121)	5300 (142)	6000 (161)
	13	0.90	1600 (42.8)	3600 (96.4)	6200 (166)	7000 (188)	6000 (161)	6850 (184)
	25	1.7	2550 (68.3)	5000 (134)	7350 (197)	8950 (240)	9000 (241)	
	60	4.1	4750 (127)	5100 (137)	7050 (189)	5600 (150) ⁽¹⁾		
	100	6.9	6650 (186)	7300 (196)	5200 (139) ⁽¹⁾			
125	8.6	6950 (1)	8300 (222)					
7 inches w.c. (17 mbar) 655-697-004 1 inch w.c. (2 mbar) droop 2 inches w.c. (5 mbar) boost	0.4	0.028				900 (24.1)	1300 (34.8)	1450 (38.9)
	0.5	0.034				1200 (32.2)	1550 (41.5)	1750 (46.9)
	1	0.07	400 (10.7)	800 (21.4)	1100 (29.5)	1900 (50.9)	2300 (61.6)	2500 (67.0)
	1.5	0.10	500 (13.4)	1050 (28.1)	1500 (40.2)	2300 (61.6)	2800 (75.0)	1800 (48.2)
	5	0.14	600 (16.1)	1300 (34.8)	1900 (50.9)	2100 (56.3)	3300 (88.4)	1800 (48.2)
	5	0.34	950 (25.5)	2100 (56.3)	3200 (85.8)	3350 (89.8)	5100 (137)	4500 (121)
	13	0.90	1600 (42.8)	2200 (58.9)	3300 (88.4)	5800 (155)	8000 (214)	8000 (214)
	25	1.7	2200 (58.9)	5200 (139)	6800 (182)	8400 (225)	8750 (235)	
	60	4.1	4300 (115)	9200 (247)	10100 (271)	9900 (265)		
	100	6.9	7500 (201)	10500 (281)	9200 (247) ⁽¹⁾			
125	8.6	9050 (243)	9800 (263) ⁽¹⁾					
11 inches w.c. (17 mbar) 655-697-005 ± 2 inches w.c. (5 mbar)	0.5	0.03				800 (21.4)	1500 (40.2)	1700 (45.6)
	1	0.07	400 (10.7)	700 (18.7)	1100 (29.5)	1800 (48.2)	2200 (58.9)	2450 (65.7)
	1.5	0.10	500 (13.4)	950 (25.5)	1450 (38.9)	2300 (61.6)	2800 (75.0)	2600 (69.7)
	2	0.14	600 (16.1)	1200 (32.2)	1700 (45.6)	1950 (52.3)	3200 (85.8)	2750 (73.7)
	5	0.34	950 (25.5)	2000 (53.6)	2900 (77.7)	3800 (102)	5100 (137)	5150 (138)
	13	0.90	1600 (42.8)	3400 (91.1)	3700 (99.2)	6100 (163)	7250 (194)	7650 (205)
	25	1.7	2100 (56.3)	5150 (138)	7100 (190)	7950 (213)	9400 (252)	
	60	4.1	4400 (118)	9250 (248)	9400 (252)	10400 (279)		
	100	6.9	7300 (196)	10000 (268)	10100 (271)			
	125	8.6	9050 (243)	10800 (289)				
14 inches w.c. (35 mbar) 655-697-005 ± 2 inches w.c. (5 mbar)	1	0.07	450 (12.1)	800 (21.4)	1000 (26.8)	1250 (33.5)	1500 (40.2)	1950 (52.3)
	1.5	0.10	500 (13.4)	850 (22.8)	1050 (28.1)	1550 (41.5)	1650 (44.2)	2350 (62.9)
	2	0.14	550 (14.7)	1150 (30.8)	1400 (37.5)	1750 (46.9)	2300 (61.6)	2500 (67.0)
	5	0.34	1000 (26.8)	1200 (32.2)	2050 (54.9)	3000 (80.4)	4300 (115)	4750 (127)
	13	0.90	1750 (46.9)	3050 (81.7)	4250 (114)	6100 (163)	7300 (196)	7850 (210)
	25	1.7	2500 (67.0)	4750 (127)	5650 (151)	8700 (233)	8700 (233)	
	60	4.1	4750 (127)	9450 (253)	9950 (267)	10550 (283)		
	100	6.9	7450 (200)	10400 (279)	10600 (284)			
	125	8.6	9050 (243)	10450 (280)				
	20 inches w.c. (50 mbar) 655-697-006 ± 3 inches w.c. (7 mbar)	1	0.07	300 (8.04)	500 (13.4)	750 (20.1)	1000 (26.8)	1300 (34.8)
2		0.14	500 (13.4)	950 (25.5)	1400 (37.5)	2000 (53.6)	2800 (75.0)	3100 (83.1)
5		0.34	900 (24.1)	1700 (45.6)	2500 (67.0)	4200 (113)	5000 (134)	5500 (147)
13		0.90	1500 (40.2)	3200 (85.8)	5400 (145)	6500 (174)	7000 (188)	7100 (190)
25		1.7	2100 (56.3)	4700 (126)	7000 (188)	8250 (221)	9350 (251)	
60		4.1	4750 (127)	8900 (239)	9950 (267)	10600 (284)		
100		6.9	7400 (198)	10500 (281)	10800 (289)			
125		8.6	9200 (247)	10950 (293)				

1. Limited due to boost

-  - Shaded areas show where indicated droop would be exceeded regardless of capacity.
-  - Shaded areas show where maximum operating inlet pressure for a given port diameter is exceeded.

P200 Flow Capacities in SCFH (Nm³/h) of 0.6 Specific Gravity Natural Gas



Outlet Pressure, Spring Part Number, and Accuracy	Inlet Pressure		NPT 2 (DN 50) Body Size					
			Orifice Size, Inches (mm)					
	PSIG	BAR	1/4 (6.4)	3/8 (9.5)	1/2 (13)	3/4 (19)	1 (25)	1-3/16 (30)
4 inches w.c. (10 mbar) 655-697-002 or 655-697-003 1 inch w.c. (2 mbar) droop 2 inches w.c. (5 mbar) boost	0.4	0.028				1200 (32.3)	1600 (42.8)	1800 (48.2)
	0.5	0.034				1700 (45.6)	2200 (58.9)	2400 (64.3)
	1	0.07	400 (10.7)	900 (24.1)	1300 (34.8)	2800 (75.0)	3200 (85.8)	3800 (102)
	1.5	0.10	500 (13.4)	1100 (29.5)	1700 (45.5)	3600 (96.5)	4300 (115)	5000 (134)
	2	0.14	600 (16.1)	1400 (37.5)	2200 (58.9)	4500 (121)	5500 (147)	6400 (172)
	5	0.34	1000 (26.8)	2300 (61.6)	3700 (99.2)	7800 (209)	9500 (255)	12700 (340)
	13	0.90	1650 (44.2)	3700 (99.2)	6500 (174)	13000 (348)	14000 (375)	14500 (389)
	25	1.7	2500 (64.3)	5200 (139)	9200 (247)	13000 (348)	18000 (482)	
	60	4.1	4450 (119)	9000 (241)	14550 (390)	15000 (402)		
	100	6.9	5500 (147)	9500 (255)	12900 (346) ⁽¹⁾			
125	8.6	7250 (194)	3900 (105) ⁽¹⁾					
7 inches w.c. (17 mbar) 655-697-004 1 inch w.c. (2 mbar) droop 2 inches w.c. (5 mbar) boost	0.4	0.028				950 (25.5)	1400 (37.5)	1600 (42.8)
	0.5	0.034				1500 (40.2)	1800 (48.2)	2000 (53.6)
	1	0.07	400 (10.7)	800 (21.4)	1200 (32.2)	2300 (61.6)	2800 (75.0)	3300 (88.4)
	1.5	0.10	500 (13.4)	1050 (28.1)	1600 (42.8)	3100 (83.1)	3600 (96.5)	4500 (121)
	2	0.14	600 (16.1)	1300 (34.8)	2000 (53.6)	4000 (107)	4500 (121)	6000 (161)
	5	0.34	1000 (26.8)	2100 (56.3)	3500 (93.8)	7700 (206)	9400 (252)	9400 (252)
	13	0.90	1650 (44.2)	3500 (93.8)	6400 (172)	10000 (268)	20200 (541)	21200 (568)
	25	1.7	2400 (64.3)	5200 (139)	10300 (276)	20000 (536)	11800 (316) ⁽¹⁾	
	60	4.1	4450 (119)	9000 (241)	12000 (322)	20700 (555)		
	100	6.9	7500 (201)	10000 (268)	13100 (351)			
125	8.6	9500 (255)	10300 (276)					
11 inches w.c. (17 mbar) 655-697-005 ± 2 inches w.c. (5 mbar)	0.5	0.03				800 (21.4)	1500 (40.2)	1600 (42.8)
	1	0.07	400 (10.7)	750 (20.1)	1100 (29.5)	1800 (48.2)	2500 (64.0)	2600 (69.7)
	1.5	0.10	500 (13.4)	1000 (26.8)	1450 (38.9)	2500 (67.0)	3400 (91.1)	3350 (89.8)
	2	0.14	600 (16.1)	1200 (32.2)	1700 (45.6)	3100 (83.1)	4200 (113)	3750 (101)
	5	0.34	1000 (26.8)	2000 (53.6)	3000 (80.4)	7300 (196)	7000 (188)	8500 (228)
	13	0.90	1600 (42.9)	3400 (91.1)	6200 (166)	10350 (277)	17650 (473)	18100 (485)
	25	1.7	2400 (64.3)	5650 (151)	10350 (277)	19300 (517)	23450 (628)	
	60	4.1	4450 (119)	11350 (304)	19300 (517)	20200 (541)		
	100	6.9	7450 (200)	16650 (446)	20200 (541)			
	125	8.6	9500 (255)	17500 (469)				
14 inches w.c. (35 mbar) 655-697-005 ± 2 inches w.c. (5 mbar)	1	0.07	450 (12.1)	700 (18.8)	1100 (29.5)	1500 (40.2)	1700 (45.6)	2700 (72.4)
	1.5	0.10	550 (14.7)	850 (22.8)	1200 (32.3)	1900 (50.9)	2700 (72.4)	3600 (96.5)
	2	0.14	600 (16.1)	1000 (26.8)	1900 (50.9)	2800 (75.0)	3800 (102)	3800 (102)
	5	0.34	1050 (28.1)	1750 (46.9)	2800 (75.0)	4000 (107)	5300 (142)	10600 (284)
	13	0.90	1750 (46.9)	3700 (99.2)	5700 (153)	14400 (386)	18000 (482)	18500 (496)
	25	1.7	2600 (69.7)	5700 (153)	10200 (273)	18000 (482)	25400 (681)	
	60	4.1	4800 (129)	10900 (292)	11000 (295)	19600 (525)		
	100	6.9	7400 (198)	16500 (442)	14100 (378)			
	125	8.6	9100 (244)	18000 (482)				
	20 inches w.c. (50 mbar) 655-697-006 ± 3 inches w.c. (7 mbar)	1	0.07	300 (8.04)	750 (20.1)	550 (14.7)	1250 (33.5)	1700 (45.6)
2		0.14	500 (13.4)	1150 (30.8)	1700 (45.6)	1900 (50.9)	2350 (62.9)	3250 (87.1)
5		0.34	900 (24.1)	1650 (44.2)	2150 (57.6)	3250 (87.1)	6400 (172)	6700 (180)
13		0.90	1500 (40.2)	2550 (68.3)	4350 (117)	5950 (159)	10150 (272)	10500 (281)
25		1.7	2450 (65.7)	4850 (130)	7200 (193)	18100 (485)	19200 (515)	
60		4.1	4900 (131)	9400 (252)	19600 (525)	22700 (608)		
100		6.9	7500 (201)	17400 (466)	13800 (370)			
125		8.6	9150 (245)	5500 (147) ⁽¹⁾				

1. Limited due to boost

- Shaded areas show where indicated droop would be exceeded regardless of capacity.

- Shaded areas show where maximum operating inlet pressure for a given port diameter is exceeded.

P200 Flow Capacities in SCFH (Nm³/h) of 0.6 Specific Gravity Natural Gas

Outlet Pressure, Spring Part Number, and Accuracy	Inlet Pressure		NPT 1-1/2 Body Size					
			Orifice Size, Inches (mm)					
	PSIG	BAR	1/4 (6.4)	3/8 (9.5)	1/2 (13)	3/4 (19)	1 (25)	1-3/16 (30)
1 PSIG (0.07 BAR) 655-697-006 ±0.2 PSIG (0.014 BAR)	2	0.14	700 (18.8)	1250 (33.5)	1550 (41.5)	2900 (77.7)	3050 (81.7)	3250 (87.1)
	5	0.34	1050 (28.1)	2150 (57.6)	2800 (75.0)	4800 (129)	5600 (150)	6300 (169)
	10	0.69	1650 (44.2)	3200 (85.8)	4400 (118)	6550 (176)	7800 (209)	8150 (218)
	15	1.0	2000 (53.6)	4100 (110)	5750 (154)	8000 (214)	9400 (252)	10250 (275)
	20	1.4	2300 (61.6)	4750 (127)	6100 (163)	8700 (233)	10950 (293)	
	25	1.7	2600 (69.7)	5500 (147)	8200 (220)	9950 (267)	11550 (310)	
	30	2.1	2900 (77.7)	6250 (168)	8350 (224)	10800 (289)	12250 (328)	
	40	2.8	3600 (96.5)	7500 (201)	9350 (251)	10850 (291)		
	45	3.1	3900 (105)	8400 (225)	10350 (277)	11000 (295)		
	50	3.5	4250 (114)	8900 (239)	10950 (293)	11050 (296)		
	60	4.1	4950 (133)	10000 (268)	11000 (295)	11400 (306)		
	80	5.5	6150 (165)	11150 (299)	11350 (304)			
	100	6.9	7500 (201)	12000 (322)	12000 (322)			
	125	8.6	9150 (245)	12000 (322)				
1 PSIG (0.07 BAR) 655-697-006 ± 1% ABS ± 0.16 psia (0.011 BAR)	2	0.14	650 (17.4)	1050 (28.1)	1350 (36.2)	2450 (65.7)	2700 (72.4)	3000 (80.4)
	5	0.34	1050 (28.1)	2100 (56.3)	2700 (72.4)	3800 (102)	4700 (126)	5200 (139)
	10	0.69	1500 (40.2)	2800 (75.0)	3700 (99.2)	5600 (150)	7000 (188)	7300 (196)
	15	1.0	1950 (52.3)	3750 (101)	4900 (131)	6900 (185)	8500 (228)	8750 (235)
	20	1.4	2200 (58.9)	4600 (123)	5800 (155)	8150 (218)	10350 (277)	
	25	1.7	2500 (67.0)	5000 (134)	7250 (194)	9050 (243)	10850 (291)	
	30	2.1	2800 (75.0)	6000 (161)	8200 (220)	9400 (252)	11000 (295)	
	40	2.8	3550 (95.1)	7350 (197)	9100 (244)	9500 (255)		
	45	3.1	3900 (105)	8250 (221)	9650 (259)	10100 (271)		
	50	3.5	4050 (109)	8450 (226)	10300 (276)	10300 (276)		
	60	4.1	4800 (129)	9050 (243)	10450 (280)	10550 (283)		
	80	5.5	5900 (158)	11000 (295)	11100 (297)			
	100	6.9	7400 (198)	11150 (299)	11500 (299)			
	125	8.6	9000 (241)	11750 (315)				
1 PSIG (0.07 BAR) 655-697-006 ± 2% ABS ± 0.31 psia (0.021 BAR)	2	0.14	750 (20.1)	1450 (38.9)	2100 (56.3)	3700 (99.2)	4650 (125)	5350 (143)
	5	0.34	1250 (33.5)	2500 (67.0)	3550 (95.1)	6050 (162)	7900 (212)	7900 (212)
	10	0.69	1750 (46.9)	3450 (92.5)	5100 (137)	8550 (229)	9550 (256)	10100 (271)
	15	1.0	2050 (54.9)	4350 (117)	6700 (180)	9400 (252)	11250 (302)	11400 (306)
	20	1.4	2500 (67.0)	5150 (138)	8100 (217)	10500 (281)	12200 (327)	
	25	1.7	2700 (72.4)	5800 (155)	10100 (271)	11550 (310)	12600 (338)	
	30	2.1	3050 (81.7)	6650 (178)	10550 (283)	12350 (331)	13100 (351)	
	40	2.8	3700 (99.2)	7950 (212)	10550 (283)	12350 (331)		
	45	3.1	4100 (110)	8800 (236)	11800 (316)	12700 (340)		
	50	3.5	4550 (122)	9250 (248)	12000 (322)	13000 (348)		
	60	4.1	5000 (134)	10900 (292)	12600 (338)	13000 (348)		
	80	5.5	6450 (173)	12550 (336)	13000 (348)			
	100	6.9	7950 (213)	12900 (346)	13450 (360)			
	125	8.6	9450 (253)	13450 (360)				
1 PSIG (0.07 BAR) 655-697-006 ±0.2 PSIG (0.014 BAR)	2	0.14	500 (13.4)	750 (20.1)	1750 (46.9)	2250 (60.3)	2400 (64.3)	2850 (76.4)
	5	0.34	1100 (29.5)	1800 (48.2)	2300 (61.6)	3400 (91.1)	4850 (130)	5350 (143)
	10	0.69	1600 (42.9)	3200 (85.8)	4600 (123)	7250 (194)	8800 (236)	8800 (236)
	30	2.1	2800 (75.0)	6300 (169)	7800 (209)	10400 (279)	11250 (302)	
	60	4.1	4900 (131)	9600 (257)	9650 (259)	11000 (295)		
	100	6.9	7300 (196)	11200 (300)	11950 (320)			
	125	8.6	9100 (244)	10550 (283) ⁽¹⁾				

1. Limited due to boost

- Shaded areas show where maximum operating inlet pressure for a given port diameter is exceeded.

P200 Flow Capacities in SCFH (Nm³/h) of 0.6 Specific Gravity Natural Gas



Outlet Pressure, Spring Part Number, and Accuracy	Inlet Pressure		NPT 2 (DN 50) Body Size					
			Orifice Size, Inches (mm)					
	PSIG	BAR	1/4 (6.4)	3/8 (9.5)	1/2 (13)	3/4 (19)	1 (25)	1-3/16 (30)
1 PSIG (0.07 BAR) 655-697-006 ±0.2 PSIG (0.014 BAR)	2	0.14	650 (17.4)	1200 (32.2)	2200 (58.9)	3200 (85.8)	3600 (96.5)	4500 (121)
	5	0.34	1100 (25.5)	2300 (61.6)	3200 (85.8)	4800 (129)	7700 (206)	10000 (268)
	10	0.69	1600 (42.9)	3000 (80.4)	4300 (115)	11400 (306)	15200 (407)	16300 (437)
	15	1.0	1900 (50.9)	4000 (107)	6900 (185)	15600 (418)	20800 (557)	22300 (598)
	20	1.4	2300 (61.6)	4900 (131)	9100 (244)	19000 (509)	24000 (643)	
	25	1.7	2600 (69.7)	5600 (150)	10500 (281)	21700 (582)	27400 (734)	
	30	2.1	2900 (77.7)	6500 (174)	11800 (316)	25300 (678)	32800 (879)	
	40	2.8	3700 (99.2)	8000 (214)	14500 (389)	27000 (724)		
	45	3.1	4000 (107)	8800 (236)	15800 (423)	27000 (724)		
	50	3.5	4300 (115)	9300 (249)	16600 (445)	28000 (750)		
	60	4.1	4900 (131)	11300 (303)	19500 (523)	31600 (847)		
	80	5.5	6300 (169)	14200 (381)	24000 (643)			
	100	6.9	7700 (206)	16700 (448)	29500 (791)			
125	8.6	9600 (257)	20200 (541)					
1 PSIG (0.07 BAR) 655-697-006 ± 1% ABS ± 0.16 psia (0.011 BAR)	2	0.14	570 (15.3)	1100 (29.5)	2000 (53.6)	2750 (73.7)	3100 (83.1)	4000 (107)
	5	0.34	1050 (28.1)	2200 (58.9)	2750 (73.7)	4100 (110)	6250 (168)	9000 (241)
	10	0.69	1500 (40.2)	2500 (67.0)	4050 (109)	8500 (228)	13250 (355)	13700 (367)
	15	1.0	1900 (50.9)	3450 (92.5)	5800 (155)	15500 (415)	16000 (429)	16300 (437)
	20	1.4	2300 (61.6)	4800 (129)	7700 (206)	18300 (490)	20850 (559)	
	25	1.7	2500 (67.0)	5600 (150)	10400 (279)	21500 (576)	22800 (611)	
	30	2.1	2900 (77.7)	6350 (170)	119400 (320)	23800 (638)	24300 (651)	
	40	2.8	3650 (97.8)	7850 (210)	14550 (390)	24300 (651)		
	45	3.1	3850 (103)	8400 (225)	15600 (418)	25400 (681)		
	50	3.5	4250 (114)	9350 (251)	16700 (448)	26000 (697)		
	60	4.1	4900 (131)	11200 (300)	19400 (520)	32000 (858)		
	80	5.5	6200 (166)	14250 (382)	24600 (659)			
	10	6.9	7400 (198)	16750 (449)	29000 (777)			
125	8.6	9350 (251)	20200 (541)					
1 PSIG (0.07 BAR) 655-697-006 ± 2% ABS ± 0.31 psia (0.021 BAR)	2	0.14	700 (18.8)	1450 (38.9)	2450 (65.7)	1400 (110)	5600 (150)	7900 (212)
	5	0.34	1150 (30.8)	2550 (68.3)	4000 (107)	8000 (214)	11700 (314)	14300 (383)
	10	0.69	1800 (48.2)	3550 (95.1)	6200 (166)	12300 (330)	18400 (493)	20000 (536)
	15	1.0	2050 (54.9)	4450 (119)	7850 (210)	15900 (426)	22000 (590)	24600 (659)
	20	1.4	2400 (64.3)	5250 (141)	9100 (244)	19200 (515)	25800 (691)	
	25	1.7	2750 (73.7)	5900 (158)	10300 (276)	21800 (584)	31200 (836)	
	30	2.1	3150 (84.4)	6550 (176)	11800 (316)	26200 (702)	35000 (938)	
	40	2.8	3750 (101)	8200 (220)	14300 (383)	30500 (817)		
	45	3.1	4050 (109)	8800 (236)	15600 (418)	28100 (753)		
	50	3.5	4400 (118)	9300 (249)	16700 (448)	33900 (909)		
	60	4.1	5050 (135)	10850 (291)	19500 (523)	34200 (917)		
	80	5.5	6350 (170)	13600 (364)	24600 (659)			
	10	6.9	7850 (210)	17000 (456)	30200 (809)			
125	8.6	9400 (252)	20500 (549)					
1 PSIG (0.07 BAR) 655-697-006 ±0.2 PSIG (0.014 BAR)	2	0.14	500 (13.4)	1050 (28.1)	1400 (37.5)	2200 (58.9)	2900 (77.7)	3700 (99.2)
	5	0.34	1100 (29.5)	2000 (53.6)	2200 (58.9)	4500 (121)	6600 (177)	7000 (188)
	10	0.69	1600 (42.9)	3500 (93.8)	5700 (153)	9700 (260)	13000 (348)	13300 (356)
	30	2.1	2800 (75.0)	6200 (166)	11700 (314)	20000 (536)	23000 (616)	
	60	4.1	4900 (131)	10900 (292)	19300 (517)	20600 (552)		
	100	6.9	7500 (201)	17300 (464)	23900 (641)			
	125	8.6	9000 (241)	19900 (533)				

1. Limited due to boost

- Shaded areas show where maximum operating inlet pressure for a given port diameter is exceeded.

P200 H Flow Capacities in SCFH (Nm³/h) of 0.6 Specific Gravity Natural Gas

Outlet Pressure, Spring Part Number, and Accuracy	Inlet Pressure		NPT 1-1/2 Body Size					
			Orifice Size, Inches (mm)					
	PSIG	BAR	1/4 (6.4)	3/8 (9.5)	1/2 (13)	3/4 (19)	1 (25)	1-3/16 (30)
2 PSIG (0.14 BAR) 655-697-007 ±0.2 PSIG (0.014 BAR)	5	0.34	850 (22.8)	1600 (42.9)	1650 (44.2)	2400 (64.3)	2450 (65.7)	3900 (105)
	10	0.69	1450 (38.9)	2050 (54.9)	3250 (87.1)	5400 (145)	5750 (154)	6650 (178)
	15	1.0	1650 (44.2)	3000 (80.4)	4300 (115)	7000 (188)	8200 (220)	8200 (220)
	20	1.4	2050 (54.9)	3850 (103)	5650 (151)	7500 (201)	9050 (243)	
	25	1.7	2500 (67.0)	4600 (123)	6500 (174)	9600 (257)	9700 (260)	
	30	2.1	2750 (73.7)	5650 (151)	6500 (174)	9600 (257)	10850 (291)	
	40	2.8	3500 (93.8)	7000 (188)	8400 (225)	10150 (272)		
	45	3.1	3750 (101)	7800 (209)	9150 (245)	10500 (281)		
	50	3.5	4250 (114)	8500 (228)	9600 (257)	10500 (281)		
	60	4.1	4850 (130)	8800 (236)	9700 (260)	11400 (306)		
	80	5.5	6150 (165)	10000 (268)	11250 (302)			
	100	6.9	7600 (204)	10800 (289)	11250 (302)			
	125	8.6	9300 (249)	12200 (327)				
2 PSIG (0.14 BAR) 655-697-007 ± 1% ABS ±0.04 psia (0.028 BAR)	5	0.34	1100 (29.5)	2200 (58.9)	2800 (75.0)	4550 (122)	5600 (150)	6550 (176)
	10	0.69	1750 (46.9)	3150 (84.4)	4600 (123)	7550 (202)	9050 (243)	10150 (272)
	15	1.0	2000 (53.6)	4200 (113)	6400 (172)	10050 (269)	11000 (295)	11200 (300)
	20	1.4	2400 (64.3)	5000 (134)	7550 (202)	11700 (314)	12200 (327)	
	25	1.7	2700 (72.4)	5750 (154)	9600 (257)	11900 (319)	12950 (347)	
	30	2.1	3100 (83.1)	6700 (180)	9600 (257)	11900 (319)	13300 (356)	
	40	2.8	3750 (101)	7950 (213)	10750 (288)	13000 (348)		
	45	3.1	4100 (110)	8750 (235)	10750 (288)	13000 (348)		
	50	3.5	4550 (122)	9550 (256)	12700 (340)	13000 (348)		
	60	4.1	5150 (138)	11250 (302)	13300 (356)	14400 (386)		
	80	5.5	6450 (173)	12750 (342)	13300 (356)			
	100	6.9	7750 (208)	14450 (387)	13300 (356)			
	125	8.6	9400 (252)	14600 (391)				
2 PSIG (0.14 BAR) 655-697-007 ± 1% ABS ±0.17 psia (0.012 BAR)	5	0.34	850 (22.8)	1400 (37.5)	1450 (38.9)	2250 (60.3)	2450 (65.7)	3300 (88.4)
	10	0.69	1400 (37.5)	1650 (44.2)	2550 (68.3)	4350 (117)	5250 (141)	5600 (150)
	15	1.0	1500 (40.2)	2700 (72.4)	3800 (102)	6000 (161)	5400 (145)	8000 (214)
	20	1.4	2000 (53.6)	3600 (96.5)	5200 (139)	7200 (193)	8200 (220)	
	25	1.7	2400 (64.3)	4500 (121)	6400 (172)	9000 (241)	9550 (256)	
	30	2.1	2800 (75.0)	5600 (150)	7500 (201)	10000 (268)	10400 (279)	
	40	2.8	3600 (96.5)	7800 (209)	9200 (247)	10150 (272)		
	45	3.1	3900 (105)	8400 (225)	9800 (263)	10900 (292)		
	50	3.5	4300 (115)	9100 (244)	10300 (276)	10600 (284)		
	60	4.1	5000 (134)	10200 (273)	11400 (306)	11300 (303)		
	80	5.5	6400 (172)	12000 (322)	10300 (276)(1)			
	100	6.9	7900 (212)	13000 (348)	11150 (299)(1)			
	125	8.6	9600 (257)	11950 (320)(1)				
2 PSIG (0.14 BAR) 655-697-007 ± 2% ABS ±0.33 psia (0.023 BAR)	5	0.34	1050 (28.1)	2100 (56.3)	2500 (67.0)	4100 (110)	5200 (139)	6250 (168)
	10	0.69	1650 (44.2)	3050 (81.7)	4200 (113)	6400 (172)	8350 (224)	8850 (237)
	15	1.0	1900 (50.9)	4200 (113)	6200 (166)	8800 (236)	10500 (281)	10750 (288)
	20	1.4	2200 (58.9)	5100 (137)	7600 (204)	10300 (276)	12000 (322)	
	25	1.7	2500 (67.0)	5800 (155)	8700 (233)	11800 (316)	12050 (323)	
	30	2.1	3000 (80.4)	6500 (174)	9600 (257)	12600 (338)	12700 (340)	
	40	2.8	3600 (96.5)	8100 (217)	11500 (308)	12700 (340)		
	45	3.1	3900 (105)	8800 (236)	12000 (322)	12800 (343)		
	50	3.5	4300 (115)	9700 (260)	12600 (338)	12900 (346)		
	60	4.1	5000 (134)	11300 (303)	13600 (364)	13700 (367)		
	80	5.5	6400 (172)	14200 (381)	12650 (339)			
	100	6.9	7900 (212)	15500 (415)	12950 (347)			
	125	8.6	9600 (257)	14200 (381)(1)				

1. Limited due to boost

Shaded areas show where maximum operating inlet pressure for a given port diameter is exceeded.

P200 H Flow Capacities in SCFH (Nm³/h) of 0.6 Specific Gravity Natural Gas



Outlet Pressure, Spring Part Number, and Accuracy	Inlet Pressure		NPT 2 (DN 50) Body Size					
			Orifice Size, Inches (mm)					
	PSIG	BAR	1/4 (6.4)	3/8 (9.5)	1/2 (13)	3/4 (19)	1 (25)	1-3/16 (30)
2 PSIG (0.14 BAR) 655-697-007 ±0.2 PSIG (0.014 BAR)	5	0.34	850 (22.8)	1800 (48.2)	1800 (48.2)	2950 (79.1)	4250 (114)	5200 (139)
	10	0.69	1350 (36.2)	1900 (50.9)	3000 (80.4)	5200 (139)	6600 (177)	7800 (209)
	15	1.0	1700 (45.6)	2800 (75.0)	3700 (99.2)	6900 (185)	7200 (193)	9500 (255)
	20	1.4	2000 (53.6)	3800 (102)	5300 (142)	9000 (241)	9800 (263)	
	25	1.7	2450 (65.7)	4500 (121)	6800 (182)	12500 (335)	14200 (381)	
	30	2.1	2650 (71.0)	5200 (139)	7500 (201)	16000 (429)	16100 (431)	
	40	2.8	3400 (91.1)	7400 (198)	13200 (354)	21600 (579)		
	45	3.1	3600 (96.1)	8000 (214)	15500 (415)	21600 (579)		
	50	3.5	4000 (107)	8500 (228)	16700 (448)	21900 (587)		
	60	4.1	4600 (123)	10700 (287)	19200 (515)	18800 (504) ¹⁾		
	80	5.5	5800 (155)	13100 (351)	24800 (665)			
	100	6.9	7100 (190)	16200 (434)	25600 (686)			
	125	8.6	9000 (241)	19900 (533)				
2 PSIG (0.14 BAR) 655-697-007 ±0.4 PSIG (0.028 BAR)	5	0.34	1100 (29.5)	2250 (60.3)	3200 (85.8)	5500 (147)	7800 (209)	10100 (271)
	10	0.69	1600 (42.9)	3250 (87.1)	5400 (145)	10000 (268)	14100 (378)	15100 (405)
	15	1.0	2000 (53.6)	4150 (111)	7200 (193)	14400 (386)	18600 (498)	22100 (592)
	20	1.4	2300 (61.6)	4950 (133)	9000 (241)	17500 (469)	24000 (643)	
	25	1.7	2650 (71.0)	5800 (155)	10200 (273)	20700 (555)	28000 (750)	
	30	2.1	3100 (83.1)	6600 (177)	11800 (316)	24900 (667)	28500 (764)	
	40	2.8	3600 (96.5)	8100 (217)	14600 (391)	28000 (750)		
	45	3.1	4100 (110)	8850 (237)	15800 (423)	29000 (777)		
	50	3.5	4400 (118)	9850 (264)	17200 (461)	29200 (783)		
	60	4.1	4900 (131)	11300 (303)	19500 (523)	29300 (785)		
	80	5.5	6400 (172)	14300 (383)	24500 (657)			
	100	6.9	7600 (204)	17200 (461)	29700 (796)			
	125	8.6	9400 (252)	20500 (549)				
2 PSIG (0.14 BAR) 655-697-007 ± 1% ABS ±0.17 psia (0.012 BAR)	5	0.34	750 (20.1)	1600 (42.9)	1600 (42.9)	2400 (64.3)	3000 (80.4)	4100 (110)
	10	0.69	1250 (33.5)	1600 (42.9)	2550 (68.3)	4250 (114)	5000 (134)	6100 (163)
	15	1.0	1600 (42.9)	2700 (72.4)	3800 (102)	5200 (139)	6900 (185)	7600 (204)
	20	1.4	2000 (53.6)	3600 (96.5)	5200 (139)	6900 (185)	9400 (252)	
	25	1.7	2450 (65.7)	4400 (118)	7500 (201)	9600 (257)	10650 (285)	
	30	2.1	2800 (75.0)	5200 (139)	8600 (230)	11800 (316)	16100 (431)	
	40	2.8	3700 (99.2)	7500 (201)	12200 (327)	16200 (434)		
	45	3.1	4100 (110)	8400 (225)	15200 (407)	18350 (492)		
	50	3.5	4400 (118)	9000 (241)	16900 (453)	21000 (563)		
	60	4.1	5100 (137)	11000 (295)	20800 (557)	21000 (563)		
	80	5.5	6500 (174)	14600 (391)	24800 (665)			
	100	6.9	8000 (214)	18000 (482)	29300 (785)			
	125	8.6	9800 (263)	20500 (549)				
2 PSIG (0.14 BAR) 655-697-007 ± 2% ABS ±0.33 psia (0.023 BAR)	5	0.34	1000 (26.8)	2150 (57.6)	2750 (73.7)	5000 (134)	6200 (166)	7900 (212)
	10	0.69	1550 (41.5)	3050 (81.7)	5000 (134)	8600 (230)	12750 (342)	13800 (370)
	15	1.0	1900 (50.9)	4200 (113)	7200 (193)	11000 (295)	11750 (315)	21700 (582)
	20	1.4	2300 (61.6)	5100 (137)	9200 (247)	14200 (381)	16000 (429)	
	25	1.7	2600 (69.7)	5900 (158)	10700 (287)	16400 (440)	25400 (681)	
	30	2.1	3000 (80.4)	6600 (177)	12100 (324)	19700 (528)	27900 (748)	
	40	2.8	3700 (99.2)	8200 (220)	12200 (327)	27200 (729)		
	45	3.1	4100 (110)	9000 (241)	15200 (407)	27200 (729)		
	50	3.5	4400 (118)	9700 (260)	16900 (453)	27400 (734)		
	60	4.1	5100 (137)	11300 (303)	20800 (557)	27400 (734)		
	80	5.5	6500 (174)	14600 (391)	24500 (657)			
	100	6.9	8000 (214)	18000 (482)	29600 (793)			
	125	8.6	9800 (263)	20500 (549)				

1. Limited due to boost

- Shaded areas show where maximum operating inlet pressure for a given port diameter is exceeded.

P200 Flow Capacities in SCFH (Nm³/h) of 0.6 Specific Gravity Natural Gas

Outlet Pressure, Spring Part Number, and Accuracy	Inlet Pressure		NPT 1-1/2 Body Size					
			Orifice Size, Inches (mm)					
	PSIG	BAR	1/4 (6.4)	3/8 (9.5)	1/2 (13)	3/4 (19)	1 (25)	1-3/16 (30)
3 PSIG (0.21 BAR) 655-697-008 ±0.3 PSIG (0.021 BAR)	5	0.34	800 (21.4)	1350 (36.2)	1650 (44.2)	2500 (67.0)	2500 (67.0)	3850 (103)
	10	0.69	1200 (32.2)	1800 (48.2)	2650 (71.0)	4600 (123)	6050 (162)	6600 (177)
	15	1.0	1650 (44.2)	2300 (61.6)	3750 (101)	5600 (174)	9200 (247)	8200 (220)
	20	1.4	1950 (52.3)	3500 (93.8)	5000 (134)	8350 (224)	9200 (247)	
	25	1.7	2150 (57.6)	4400 (118)	6500 (174)	8150 (218)	10050 (269)	
	30	2.1	2700 (72.4)	5600 (150)	6700 (180)	10050 (269)	11250 (302)	
	40	2.8	3300 (88.4)	6900 (185)	7900 (212)	10300 (275)		
	45	3.1	3550 (95.1)	7000 (188)	8650 (232)	11000 (295)		
	50	3.5	4050 (109)	7800 (209)	9700 (260)	11000 (295)		
	60	4.1	4250 (114)	8200 (220)	9900 (265)	11450 (307)		
	80	5.5	5950 (159)	10000 (268)	11600 (311)			
	100	6.9	7450 (200)	11750 (315)	11900 (319)			
	125	8.6	8800 (236)	12200 (327)				
3 PSIG (0.21 BAR) 655-697-008 ±0.6 PSIG (0.041 BAR)	5	0.34	1100 (29.5)	1950 (52.3)	2800 (75.0)	4250 (114)	5400 (145)	7200 (193)
	10	0.69	1650 (44.2)	3100 (83.1)	4650 (125)	7750 (208)	8700 (233)	9100 (244)
	15	1.0	2050 (54.9)	4100 (110)	5950 (159)	9550 (256)	11150 (299)	11800 (316)
	20	1.4	2400 (64.3)	4900 (131)	7800 (209)	10650 (285)	12350 (331)	
	25	1.7	2600 (69.7)	5750 (154)	8700 (233)	11950 (320)	14050 (377)	
	30	2.1	3100 (83.1)	6550 (176)	10250 (275)	12050 (323)	14400 (386)	
	40	2.8	3150 (84.4)	7850 (210)	11300 (303)	13800 (370)		
	45	3.1	4150 (111)	8400 (225)	12450 (334)	14150 (379)		
	50	3.5	4400 (118)	9300 (249)	12450 (334)	14150 (379)		
	60	4.1	5000 (134)	10700 (287)	13000 (348)	15350 (411)		
	80	5.5	6400 (172)	13050 (350)	16000 (429)			
	100	6.9	7650 (205)	15400 (413)	16050 (430)			
	125	8.6	9200 (247)	16050 (430)				
3 PSIG (0.21 BAR) 655-697-008 ± 1% ABS ± 0.18 psia (0.012 BAR)	5	0.34	500 (13.4)	1150 (30.8)	1200 (32.2)	1450 (38.9)	1550 (41.5)	2100 (56.3)
	10	0.69	900 (24.1)	1350 (36.2)	1500 (40.2)	2750 (73.7)	3200 (85.8)	3400 (91.1)
	15	1.0	1200 (32.2)	1700 (45.6)	2200 (58.9)	3900 (105)	4900 (131)	4950 (133)
	20	1.4	1500 (40.2)	2100 (56.3)	2900 (77.7)	5300 (142)	8000 (214)	
	25	1.7	1900 (50.9)	2600 (69.7)	4300 (115)	7400 (198)	9350 (251)	
	30	2.1	2200 (58.9)	3100 (83.1)	5100 (137)	8400 (225)	8650 (232) ⁽¹⁾	
	40	2.8	2900 (77.7)	4800 (129)	8000 (214)	8750 (235)		
	45	3.1	3300 (88.4)	5800 (155)	9300 (249)	9900 (265)		
	50	3.5	3700 (99.2)	6800 (182)	10200 (273)	10600 (284)		
	60	4.1	4400 (118)	8400 (225)	11600 (311)	10700 (287)		
	80	5.5	6300 (169)	10800 (289)	9400 (252) ⁽¹⁾			
	100	6.9	8100 (217)	12100 (324)	11750 (315)			
	125	8.6	10000 (268)	10750 (288) ⁽¹⁾				
3 PSIG (0.21 BAR) 655-697-008 ± 2% ABS ± 0.35 psia (0.024 BAR)	5	0.34	900 (24.1)	1450 (38.9)	1800 (48.2)	3000 (80.4)	3000 (80.4)	4650 (125)
	10	0.69	1250 (33.5)	2050 (54.9)	3150 (84.4)	5150 (138)	6450 (173)	6650 (178)
	15	1.0	1800 (48.2)	3100 (83.1)	4400 (118)	7200 (193)	8700 (233)	8700 (233)
	20	1.4	2200 (58.9)	3800 (102)	6100 (163)	8600 (230)	11000 (295)	
	25	1.7	2600 (69.7)	5000 (134)	7600 (204)	9700 (260)	11050 (296)	
	30	2.1	2900 (77.7)	5800 (155)	8700 (233)	11200 (300)	11450 (3070)	
	40	2.8	3600 (96.5)	7800 (209)	10800 (289)	11600 (311)		
	45	3.1	4000 (107)	8400 (225)	11600 (311)	11600 (311)		
	50	3.5	4600 (123)	9400 (252)	12400 (332)	11750 (315)		
	60	4.1	5100 (137)	10600 (284)	13800 (370)	13250 (355)		
	80	5.5	6500 (174)	12700 (340)	12600 (338) ⁽¹⁾			
	100	6.9	8100 (217)	14400 (386)	12550 (336) ⁽¹⁾			
	125	8.6	10000 (268)	12500 (335) ⁽¹⁾				

1. Limited due to boost

 - Shaded areas show where maximum operating inlet pressure for a given port diameter is exceeded.

P200 Flow Capacities in SCFH (Nm³/h) of 0.6 Specific Gravity Natural Gas



Outlet Pressure, Spring Part Number, and Accuracy	Inlet Pressure		NPT 2 (DN 50) Body Size					
			Orifice Size, Inches (mm)					
	PSIG	BAR	1/4 (6.4)	3/8 (9.5)	1/2 (13)	3/4 (19)	1 (25)	1-3/16 (30)
3 PSIG (0.21 BAR) 655-697-008 ±0.3 PSIG (0.021 BAR)	5	0.34	750 (20.1)	1400 (37.5)	1600 (42.9)	2400 (64.3)	2900 (77.7)	3500 (93.8)
	10	0.69	1200 (32.2)	1900 (50.9)	2750 (73.7)	5000 (134)	6400 (171)	6900 (185)
	15	1.0	1400 (37.5)	2000 (53.6)	3100 (83.1)	5900 (158)	7700 (206)	9800 (263)
	20	1.4	1850 (49.6)	3000 (80.4)	4150 (111)	7700 (206)	7900 (212)	
	25	1.7	2050 (54.9)	3900 (105)	5000 (134)	9100 (244)	9750 (261)	
	30	2.1	2550 (68.3)	4800 (129)	6700 (180)	10100 (271)	17200 (461)	
	40	2.8	3150 (84.4)	6250 (168)	8700 (233)	11600 (311)		
	45	3.1	3400 (91.1)	6750 (181)	9900 (265)	14500 (389)		
	50	3.5	3900 (105)	6750 (181)	12300 (330)	13900 (373)		
	60	4.1	4350 (117)	9400 (252)	12700 (340)	18300 (490)		
	80	5.5	5600 (150)	12700 (340)	18800 (504)			
	100	6.9	7000 (188)	14800 (397)	18800 (504)			
	125	8.6	8650 (232)	18800 (504)				
3 PSIG (0.21 BAR) 655-697-008 ±0.6 PSIG (0.041 BAR)	5	0.34	1100 (29.5)	1950 (52.3)	2550 (68.3)	4700 (126)	6000 (161)	7450 (200)
	10	0.69	1550 (41.5)	3000 (80.4)	4750 (127)	8600 (230)	12200 (327)	15400 (413)
	15	1.0	2050 (54.9)	3850 (103)	5950 (159)	12500 (338)	16200 (434)	20300 (544)
	20	1.4	2400 (64.3)	4850 (130)	8200 (220)	17000 (456)	21800 (584)	
	25	1.7	2800 (75.0)	5750 (154)	9800 (263)	19700 (528)	23000 (616)	
	30	2.1	3150 (84.4)	6450 (173)	11600 (311)	22500 (603)	26500 (710)	
	40	2.8	3650 (97.8)	7850 (210)	14300 (383)	26400 (708)		
	45	3.1	4100 (110)	8900 (239)	15500 (415)	28500 (764)		
	50	3.5	4350 (117)	9450 (253)	17000 (456)	29600 (793)		
	60	4.1	5100 (137)	11100 (297)	19850 (532)	29900 (801)		
	80	5.5	6350 (170)	14350 (385)	25200 (675)			
	100	6.9	7250 (194)	17250 (462)	29400 (788)			
	125	8.6	9400 (252)	21000 (563)				
3 PSIG (0.21 BAR) 655-697-008 ± 1% ABS ± 0.18 psia (0.012 BAR)	5	0.34	650 (17.4)	1100 (29.3)	790 (21.2)	1500 (40.2)	1700 (45.6)	1750 (46.9)
	10	0.69	1000 (26.8)	1250 (33.5)	1500 (40.2)	2500 (67.0)	3700 (99.2)	4300 (115)
	15	1.0	1250 (33.5)	1750 (46.9)	2000 (53.6)	2900 (77.7)	3750 (101)	6000 (161)
	20	1.4	1450 (38.9)	2400 (64.3)	2200 (58.9)	4100 (110)	5750 (154)	
	25	1.7	1600 (42.8)	2900 (77.7)	4000 (107)	6900 (185)	6400 (172)	
	30	2.1	1950 (52.3)	3550 (95.1)	4400 (118)	8700 (233)	6700 (180)	
	40	2.8	2700 (72.4)	3850 (103)	5500 (147)	6450 (173)		
	45	3.1	2900 (77.7)	5400 (145)	9000 (241)	8000 (214)		
	50	3.5	3300 (88.4)	5700 (153)	9100 (244)	7900 (212)		
	60	4.1	3900 (105)	7200 (193)	11500 (308)	10300 (276)		
	80	5.5	5250 (141)	9200 (247)	9800 (263) ⁽¹⁾			
	100	6.9	6250 (168)	11300 (303)	10900 (292) ⁽¹⁾			
	125	8.6	7750 (208)	12650 (339)				
3 PSIG (0.21 BAR) 655-697-008 ± 2% ABS ± 0.35 psia (0.024 BAR)	5	0.34	800 (21.4)	1450 (38.9)	1700 (45.6)	3150 (84.4)	3250 (87.1)	4000 (107)
	10	0.69	1300 (34.8)	2150 (57.6)	3200 (85.8)	5550 (149)	7200 (193)	9000 (241)
	15	1.0	1550 (41.5)	2850 (76.4)	4050 (109)	6800 (182)	8250 (221)	10800 (289)
	20	1.4	1850 (49.6)	3300 (88.4)	5400 (145)	9300 (249)	10900 (292)	
	25	1.7	2350 (62.9)	4650 (125)	6700 (180)	11250 (302)	15600 (418)	
	30	2.1	2450 (65.7)	5100 (137)	8600 (230)	12250 (328)	17350 (465)	
	40	2.8	3150 (84.4)	6950 (186)	11400 (306)	15150 (406)		
	45	3.1	3400 (91.1)	7650 (205)	11900 (319)	18150 (486)		
	50	3.5	3800 (102)	8500 (228)	14000 (375)	20200 (541)		
	60	4.1	4300 (115)	9850 (264)	19000 (509)	21150 (567)		
	80	5.5	5500 (147)	12600 (338)	23100 (619)			
	100	6.9	6500 (174)	15500 (415)	23650 (634)			
	125	8.6	8100 (217)	20650 (553)				


1. Limited due to boost

- Shaded areas show where maximum operating inlet pressure for a given port diameter is exceeded.

P200 Flow Capacities in SCFH (Nm³/h) of 0.6 Specific Gravity Natural Gas

Outlet Pressure, Spring Part Number, and Accuracy	Inlet Pressure		NPT 1-1/2 Body Size					
			Orifice Size, Inches (mm)					
	PSIG	BAR	1/4 (6.4)	3/8 (9.5)	1/2 (13)	3/4 (19)	1 (25)	1-3/16 (30)
5 PSIG (0.34 BAR) 655-697-009 ±0.5 PSIG (0.034 BAR)	10	0.69	1200 (32.2)	1850 (49.6)	2300 (61.6)	3350 (89.8)	4750 (127)	5500 (147)
	15	1.0	1350 (36.2)	2450 (65.7)	3200 (85.8)	5350 (141)	6650 (178)	7550 (202)
	20	1.4	1850 (49.6)	3200 (85.8)	3900 (105)	6700 (180)	8600 (230)	
	25	1.7	2200 (58.9)	3600 (96.5)	4900 (131)	8250 (221)	10000 (268)	
	30	2.1	2500 (67.0)	5100 (137)	6500 (174)	8800 (236)	11450 (307)	
	40	2.8	3250 (87.1)	6100 (163)	7650 (205)	10650 (285)		
	45	3.1	3650 (97.8)	6950 (186)	8500 (228)	11200 (300)		
	50	3.5	3850 (103)	7550 (202)	9250 (248)	12250 (328)		
	60	4.1	4600 (123)	8550 (229)	10300 (276)	12950 (347)		
	80	5.5	5900 (158)	10550 (283)	12500 (335)			
	100	6.9	7250 (194)	12000 (322)	12550 (336)			
	125	8.6	9000 (241)	13300 (356)				
5 PSIG (0.34 BAR) 655-697-009 ±1 PSIG (0.69 BAR)	10	0.69	1550 (41.5)	2850 (76.4)	4050 (109)	6450 (173)	8450 (226)	9800 (263)
	15	1.0	2000 (53.6)	3850 (103)	5800 (155)	9250 (248)	11150 (299)	12400 (332)
	20	1.4	2450 (65.7)	4750 (127)	7150 (192)	11400 (306)	13250 (355)	
	25	1.7	2800 (75.0)	5700 (153)	8600 (230)	12800 (343)	15250 (409)	
	30	2.1	3100 (83.1)	6400 (172)	10050 (269)	13550 (363)	16800 (450)	
	40	2.8	3700 (99.2)	7850 (210)	12350 (331)	15650 (419)		
	45	3.1	4050 (109)	8600 (230)	13000 (348)	15950 (427)		
	50	3.5	4450 (119)	9400 (252)	13650 (366)	16300 (437)		
	60	4.1	5050 (135)	10700 (287)	15100 (405)	18200 (488)		
	80	5.5	6300 (169)	13400 (359)	17650 (473)			
	100	6.9	7600 (204)	15950 (427)	17650 (473)			
	125	8.6	9200 (247)	17800 (477)				
5 PSIG (0.34 BAR) 655-697-009 ± 1% ABS ± 0.20 psia (0.014 BAR)	10	0.69	650 (17.4)	900 (24.1)	1050 (28.1)	1200 (32.2)	1950 (52.3)	2200 (58.9)
	15	1.0	800 (21.4)	1100 (29.5)	1500 (40.2)	2000 (53.6)	2600 (69.7)	3400 (91.1)
	20	1.4	1050 (28.1)	1400 (37.5)	2050 (54.9)	2800 (75.0)	3800 (102)	
	25	1.7	1200 (32.2)	1800 (48.2)	2350 (62.9)	3800 (102)	4400 (118)	
	30	2.1	1450 (38.9)	2200 (58.9)	3000 (80.4)	4900 (131)	5250 (141)	
	40	2.8	1950 (52.3)	2950 (79.1)	4400 (118)	5750 (154)		
	45	3.1	2200 (58.9)	3300 (88.4)	5000 (134)	6550 (176)		
	50	3.5	2400 (64.3)	3850 (103)	6200 (166)	8200 (220)		
	60	4.1	2950 (79.1)	4800 (129)	8400 (225)	9250 (248)		
	80	5.5	4000 (107)	7400 (198)	7800 (209)			
	100	6.9	5300 (142)	10700 (287)	9200 (247)			
	125	8.6	7200 (193)	6150 (165) ⁽¹⁾				
5 PSIG (0.34 BAR) 655-697-009 ± 2% ABS ± 0.39 psia (0.028 BAR)	10	0.69	1050 (28.1)	1650 (44.2)	1950 (52.3)	2600 (69.7)	3700 (99.2)	4900 (131)
	15	1.0	1350 (36.2)	2050 (54.9)	2900 (77.7)	4300 (115)	5600 (150)	6350 (170)
	20	1.4	1750 (46.9)	2700 (72.4)	3900 (105)	5800 (155)	7400 (198)	
	25	1.7	2100 (56.3)	3350 (89.8)	4850 (130)	7300 (196)	8750 (235)	
	30	2.1	2400 (64.3)	4050 (109)	5750 (154)	8700 (233)	10150 (272)	
	40	2.8	3200 (85.8)	5300 (142)	8000 (214)	9800 (263)		
	45	3.1	3500 (93.8)	6050 (162)	8950 (240)	10750 (288)		
	50	3.5	3900 (105)	6800 (182)	9800 (263)	11000 (295)		
	60	4.1	4700 (126)	8400 (225)	11500 (308)	12100 (324)		
	80	5.5	6150 (165)	11100 (297)	10300 (276) ⁽¹⁾			
	100	6.9	7900 (212)	13100 (351)	11200 (300) ⁽¹⁾			
	125	8.6	9700 (260)	11950 (320) ⁽¹⁾				

1. Limited due to boost

 - Shaded areas show where maximum operating inlet pressure for a given port diameter is exceeded.

P200 Flow Capacities in SCFH (Nm³/h) of 0.6 Specific Gravity Natural Gas



Outlet Pressure, Spring Part Number, and Accuracy	Inlet Pressure		NPT 2 (DN 50) Body Size					
			Orifice Size, Inches (mm)					
	PSIG	BAR	1/4 (6.4)	3/8 (9.5)	1/2 (13)	3/4 (19)	1 (25)	1-3/16 (30)
5 PSIG (0.34 BAR) 655-697-009 ±0.5 PSIG (0.034 BAR)	10	0.69	1200 (32.2)	1700 (45.6)	2200 (58.9)	3750 (101)	5300 (142)	5800 (155)
	15	1.0	1400 (37.5)	2100 (56.3)	2850 (76.4)	5500 (147)	6850 (184)	8150 (218)
	20	1.4	1800 (48.2)	2850 (76.4)	3750 (101)	7000 (188)	7700 (206)	
	25	1.7	2050 (54.9)	3750 (101)	4550 (122)	7900 (212)	9750 (261)	
	30	2.1	2500 (67.0)	4550 (122)	5800 (155)	8500 (228)	10750 (288)	
	40	2.8	3150 (84.4)	5800 (155)	6200 (166)	12000 (322)		
	45	3.1	3500 (93.8)	6200 (166)	7000 (188)	12850 (344)		
	50	3.5	3900 (105)	7000 (188)	7700 (206)	14200 (381)		
	60	4.1	4350 (117)	7700 (206)	10950 (293)	16650 (446)		
	80	5.5	5850 (157)	10950 (293)	13500 (362)			
	100	6.9	7150 (192)	13500 (362)	16400 (440)			
	125	8.6	8900 (239)	16400 (440)				
5 PSIG (0.34 BAR) 655-697-009 ±1 PSIG (0.69 BAR)	10	0.69	1500 (40.2)	2800 (75.0)	4050 (109)	7350 (197)	9400 (252)	12400 (332)
	15	1.0	2050 (54.9)	3950 (106)	5700 (153)	10750 (288)	12950 (347)	17100 (458)
	20	1.4	2400 (64.3)	4750 (127)	7300 (196)	13550 (363)	18450 (494)	
	25	1.7	2750 (73.7)	5450 (146)	9100 (244)	16200 (434)	20400 (547)	
	30	2.1	3100 (83.1)	6500 (174)	10500 (281)	19200 (515)	24700 (662)	
	40	2.8	3750 (101)	7850 (210)	13700 (367)	25250 (677)		
	45	3.1	4050 (109)	8550 (229)	15150 (406)	25700 (689)		
	50	3.5	4400 (118)	9600 (257)	16650 (446)	27950 (749)		
	60	4.1	4950 (133)	10850 (291)	19150 (513)	30550 (819)		
	80	5.5	6450 (173)	14000 (375)	24150 (647)			
	100	6.9	7700 (206)	17000 (456)	29400 (788)			
	125	8.6	9250 (248)	20700 (555)				
5 PSIG (0.34 BAR) 655-697-009 ± 1% ABS ± 0.20 psia (0.014 BAR)	10	0.69	500 (13.4)	850 (22.8)	1000 (26.8)	1500 (40.2)	2000 (53.6)	2200 (58.9)
	15	1.0	750 (20.1)	1200 (32.2)	1400 (37.5)	1900 (50.9)	2300 (61.6)	2900 (77.7)
	20	1.4	1000 (26.8)	1550 (41.5)	1900 (50.9)	2700 (72.4)	3000 (80.4)	
	25	1.7	1250 (33.5)	1950 (52.3)	2300 (61.6)	3400 (91.1)	3700 (99.2)	
	30	2.1	1450 (38.9)	2200 (58.9)	2800 (75.0)	4100 (110)	4000 (107)	
	40	2.8	1900 (50.9)	3100 (83.1)	4000 (107)	3300 (88.4)		
	45	3.1	2100 (56.3)	3400 (91.1)	4400 (118)	4600 (123)		
	50	3.5	2400 (64.3)	3800 (102)	5000 (134)	5300 (142)		
	60	4.1	2800 (75.0)	4700 (126)	6600 (177)	7250 (194)		
	80	5.5	3900 (105)	7300 (196)	5050 (135) ⁽¹⁾			
	100	6.9	5000 (134)	9300 (249)	6400 (172) ⁽¹⁾			
	125	8.6	7000 (188)	6000 (161) ⁽¹⁾				
5 PSIG (0.34 BAR) 655-697-009 ± 2% ABS ± 0.39 psia (0.028 BAR)	10	0.69	1000 (26.8)	1400 (37.5)	1650 (44.2)	2900 (77.7)	3500 (93.8)	4500 (121)
	15	1.0	1300 (34.8)	2100 (56.3)	2800 (75.0)	3900 (105)	5500 (147)	5850 (157)
	20	1.4	1650 (44.2)	2750 (73.7)	3600 (96.5)	5300 (142)	7400 (198)	
	25	1.7	2050 (54.9)	3400 (91.1)	4400 (118)	6800 (182)	7400 (196)	
	30	2.1	2400 (64.3)	4000 (107)	5500 (147)	7900 (212)	8350 (224)	
	40	2.8	3100 (83.1)	5400 (145)	7200 (193)	9300 (249)		
	45	3.1	3250 (87.1)	6100 (163)	8300 (222)	9850 (264)		
	50	3.5	3850 (103)	6700 (180)	9400 (252)	10650 (285)		
	60	4.1	4450 (119)	8200 (220)	11500 (308)	14550 (390)		
	80	5.5	6100 (163)	11000 (295)	10850 (291) ⁽¹⁾			
	100	6.9	7600 (204)	14000 (375)	11800 (316)			
	125	8.6	9600 (257)	11650 (312) ⁽¹⁾				

1. Limited due to boost

- Shaded areas show where maximum operating inlet pressure for a given port diameter is exceeded.

P200 K Flow Capacities in SCFH (Nm³/h) of 0.6 Specific Gravity Natural Gas

Outlet Pressure, Spring Part Number, and Accuracy	Inlet Pressure		NPT 1-1/2 & 2 (DN 50) Body Size					
			Orifice Size, Inches (mm)					
	PSIG	BAR	1/4 (6.4)	3/8 (9.5)	1/2 (13)	3/4 (19)	1 (25)	1-3/16 (30)
5 PSIG (0.34 BAR) 655-659-003 ± 0.5 PSIG (0.034 BAR)	10	0.69	500 (13.4)	1000 (26.8)	1250 (33.5)	1900 (50.9)	2150 (57.6)	2550 (68.3)
	15	1.0	550 (14.7)	1300 (34.8)	1650 (44.2)	2650 (71.0)	3200 (85.8)	4000 (107)
	20	1.4	600 (16.1)	1650 (44.2)	1950 (52.3)	3300 (88.4)	4100 (110)	5000 (134)
	25	1.7	800 (21.4)	1950 (52.3)	2150 (57.6)	3950 (106)	4650 (125)	
	30	2.1	1600 (42.9)	2150 (57.6)	2650 (71.0)	4500 (121)	5500 (147)	
	40	2.8	1950 (52.3)	2650 (71.0)	2900 (77.7)	5800 (155)		
	45	3.1	2250 (60.3)	2900 (77.7)	3450 (92.5)	6200 (166)		
	50	3.5	2450 (65.7)	3450 (92.5)	3800 (102)	6600 (177)		
	60	4.1	2600 (69.7)	3800 (102)	5350 (143)	8700 (233)		
	80	5.5	3700 (99.2)	5350 (143)	5900 (158)			
	100	6.9	4100 (110)	5900 (158)	7950 (213)			
	125	8.6	5450 (146)	7950 (213)				
5 PSIG (0.34 BAR) 655-659-003 ± 1 PSIG (0.69 BAR)	10	0.69	1150 (30.8)	1700 (45.6)	2250 (60.3)	3400 (91.1)	4550 (122)	5650 (151)
	15	1.0	1300 (34.8)	2550 (68.3)	3150 (84.4)	5200 (139)	6350 (170)	8100 (217)
	20	1.4	1900 (50.9)	2950 (79.1)	3950 (106)	6000 (161)	8300 (222)	9950 (267)
	25	1.7	2200 (58.9)	3650 (97.8)	4850 (130)	7050 (189)	9950 (267)	
	30	2.1	2650 (71.0)	4000 (107)	5500 (147)	8750 (235)	11750 (315)	
	40	2.8	3100 (83.1)	5000 (134)	6900 (185)	10850 (291)		
	45	3.1	3450 (92.5)	5800 (155)	7650 (205)	11700 (314)		
	50	3.5	3800 (102)	6450 (173)	8900 (239)	14100 (378)		
	60	4.1	4400 (118)	7450 (200)	9800 (263)	14900 (399)		
	80	5.5	5950 (159)	9300 (249)	12000 (322)			
	100	6.9	7000 (188)	11250 (302)	14750 (395)			
	125	8.6	8450 (226)	13800 (370)				
5 PSIG (0.34 BAR) 655-659-003 ± 1% ABS ± 0.20 psia (0.014 BAR)	10	0.69	350 (9.38)	400 (10.7)	650 (17.4)	800 (21.4)	1050 (28.1)	1300 (34.8)
	15	1.0	350 (9.38)	750 (20.1)	850 (22.8)	1250 (33.5)	1550 (41.5)	1650 (44.2)
	20	1.4	500 (13.4)	900 (24.1)	1050 (28.1)	1650 (44.2)	1800 (48.2)	2050 (54.9)
	25	1.7	600 (16.1)	1000 (26.8)	1200 (32.2)	1650 (44.2)	1950 (52.3)	
	30	2.1	700 (18.8)	1100 (29.5)	1300 (34.8)	1950 (52.3)	2550 (68.3)	
	40	2.8	1000 (26.8)	1350 (36.2)	1350 (36.2)	2450 (65.7)		
	45	3.1	1100 (29.5)	1450 (38.9)	1550 (41.5)	2550 (68.3)		
	50	3.5	1150 (30.8)	1600 (43.9)	1600 (42.9)	3050 (81.7)		
	60	4.1	1150 (30.8)	1750 (46.9)	2250 (60.3)	2400 (64.3) ¹⁾		
	80	5.5	1600 (42.9)	2350 (62.9)	2750 (73.7)			
	100	6.9	1650 (44.2)	2400 (64.3)	3250 (87.1)			
	125	8.6	2150 (57.6)	3050 (81.7)				
5 PSIG (0.34 BAR) 655-659-003 ± 2% ABS ± 0.39 psia (0.028 BAR)	10	0.69	450 (12.1)	450 (12.1)	1100 (29.5)	1500 (40.2)	1700 (45.6)	2250 (60.3)
	15	1.0	450 (12.1)	1150 (30.8)	1500 (40.2)	2150 (57.6)	2500 (67.0)	3300 (88.4)
	20	1.4	550 (14.7)	1400 (37.5)	1700 (45.6)	2800 (75.0)	3350 (89.8)	3900 (105)
	25	1.7	1250 (33.5)	1650 (44.2)	2050 (54.9)	3050 (81.7)	4200 (113)	
	30	2.1	1350 (36.2)	1850 (49.6)	2500 (67.0)	3750 (101)	4350 (117)	
	40	2.8	1700 (45.6)	2200 (58.9)	2900 (77.7)	4700 (126)		
	45	3.1	1800 (48.2)	2350 (62.9)	3500 (93.8)	5200 (139)		
	50	3.5	1900 (50.9)	2850 (76.4)	3950 (103)	5900 (158)		
	60	4.1	2100 (56.3)	2900 (77.7)	4300 (115)	6900 (185)		
	80	5.5	3100 (83.1)	4050 (109)	5500 (147)			
	100	6.9	3400 (91.1)	4800 (129)	6050 (162)			
	125	8.6	4400 (118)	5750 (154)				

1. Limited due to boost

 - Shaded areas show where maximum operating inlet pressure for a given port diameter is exceeded.

P200 K Flow Capacities in SCFH (Nm³/h) of 0.6 Specific Gravity Natural Gas



Outlet Pressure, Spring Part Number, and Accuracy	Inlet Pressure		NPT 1-1/2 & 2 (DN 50) Body Size					
			Orifice Size, Inches (mm)					
	PSIG	BAR	1/4 (6.4)	3/8 (9.5)	1/2 (13)	3/4 (19)	1 (25)	1-3/16 (30)
10 PSIG (0.69 BAR) 655-697-010 ± 1 PSIG (0.69 BAR)	10	0.69	550 (14.7)	800 (21.4)	1050 (28.1)	1200 (32.2)	1350 (36.2)	1750 (46.9)
	15	1.0	700 (18.8)	1200 (32.2)	1650 (44.2)	2500 (67.0)	2950 (79.1)	3800 (102)
	20	1.4	800 (21.4)	1650 (44.2)	2100 (56.3)	3150 (84.4)	4450 (119)	5350 (143)
	25	1.7	1500 (40.2)	2000 (53.6)	2750 (73.7)	4350 (117)	4900 (131)	6500 (174)
	30	2.1	1850 (49.6)	2300 (61.6)	3000 (80.4)	4850 (130)	6200 (166)	
	40	2.8	2150 (57.6)	3050 (81.7)	4100 (110)	6400 (172)		
	45	3.1	2300 (61.6)	3400 (91.1)	4600 (123)	7150 (192)		
	50	3.5	2500 (67.0)	3950 (106)	5100 (137)	7650 (205)		
	60	4.1	2900 (77.7)	4350 (117)	6000 (161)	8550 (229)		
	80	5.5	3900 (105)	5950 (159)	7550 (202)			
	100	6.9	4650 (125)	6800 (182)	9650 (259)			
	125	8.6	5300 (142)	8200 (220)				
10 PSIG (0.69 BAR) 655-697-010 ± 2 PSIG (0.14 BAR)	10	0.69	950 (25.5)	1600 (42.9)	2450 (65.7)	3550 (95.1)	3600 (96.5)	4250 (114)
	15	1.0	1550 (41.5)	2350 (62.9)	2900 (77.7)	4900 (131)	6450 (173)	7600 (204)
	20	1.4	1900 (50.9)	3000 (80.4)	4000 (107)	6700 (180)	9000 (241)	10400 (279)
	25	1.7	2300 (61.6)	3800 (102)	5250 (141)	8150 (218)	10300 (276)	13050 (350)
	30	2.1	2750 (73.7)	4750 (127)	6000 (161)	9700 (260)	12200 (327)	
	40	2.8	3400 (91.1)	5850 (157)	7550 (202)	12250 (328)		
	45	3.1	3650 (97.8)	6300 (169)	8800 (236)	13650 (366)		
	50	3.5	3950 (106)	7250 (194)	9300 (249)	15100 (405)		
	60	4.1	4650 (125)	8150 (218)	11000 (295)	16650 (446)		
	80	5.5	5850 (157)	10750 (288)	13750 (369)			
	100	6.9	7250 (194)	12850 (344)	17100 (458)			
	125	8.6	8700 (233)	15750 (422)				
10 PSIG (0.69 BAR) 655-697-010 ± 1% ABS ± 1.5 psia (0.10 BAR)	10	0.69	300 (8.04)	400 (10.7)	350 (9.38)	400 (10.7)	400 (10.7)	450 (12.1)
	15	1.0	350 (9.38)	450 (12.1)	650 (17.4)	750 (20.1)	850 (22.8)	1100 (29.5)
	20	1.4	350 (9.38)	650 (17.4)	700 (18.8)	900 (24.1)	1350 (36.2)	1350 (36.2)
	25	1.7	450 (12.1)	800 (21.4)	950 (25.5)	1200 (32.2)	1500 (40.2)	1900 (50.9)
	30	2.1	700 (18.8)	900 (24.1)	1050 (28.1)	1200 (32.2)	1900 (50.9)	
	40	2.8	700 (18.8)	1100 (29.5)	1150 (30.8)	1850 (49.6)		
	45	3.1	750 (20.1)	1100 (29.5)	1300 (34.8)	2100 (56.3)		
	50	3.5	800 (21.4)	1200 (32.2)	1300 (34.8)	2300 (61.6)		
	60	4.1	850 (22.8)	1300 (34.8)	1450 (38.9)	2300 (61.6)		
	80	5.5	950 (25.5)	1600 (42.9)	1600 (42.9)			
	100	6.9	1050 (28.1)	1950 (52.3)	2600 (69.7)			
	125	8.6	1050 (28.1)	2350 (62.9)				
10 PSIG (0.69 BAR) 655-697-010 ± 2% ABS ± 2.9 psia (0.20 BAR)	10	0.69	400 (10.7)	500 (13.4)	650 (17.4)	900 (24.1)	650 (17.4)	900 (24.1)
	15	1.0	450 (12.1)	550 (14.7)	850 (22.8)	1300 (34.8)	1550 (41.5)	1850 (49.6)
	20	1.4	450 (12.1)	1000 (26.8)	1100 (29.5)	1750 (46.9)	2200 (58.9)	2400 (64.3)
	25	1.7	550 (14.7)	1250 (33.5)	1600 (42.9)	2300 (61.6)	2700 (72.4)	3550 (95.1)
	30	2.1	800 (21.4)	1350 (36.2)	1800 (48.2)	2800 (75.0)	2800 (75.0)	
	40	2.8	1050 (28.1)	1650 (44.2)	2150 (57.6)	3500 (93.8)		
	45	3.1	1350 (36.2)	1900 (50.9)	2600 (69.7)	3700 (99.2)		
	50	3.5	1450 (38.9)	2100 (56.3)	2850 (76.4)	4300 (115)		
	60	4.1	1600 (42.9)	2300 (61.6)	3100 (83.1)	4400 (118)		
	80	5.5	2150 (57.6)	3000 (80.4)	4000 (107)			
	100	6.9	2450 (65.7)	3700 (99.2)	4950 (133)			
	125	8.6	2600 (69.7)	4450 (119)				

1. Limited due to boost

- Shaded areas show where maximum operating inlet pressure for a given port diameter is exceeded.



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The screenshot shows the BelGAS website interface. On the left is a navigation menu with the following items: High Pressure Gas Regulators, General Purpose Gas Regulators, Back Pressure Regulators / Relief Valves, Air Gas Regulator Systems / Manifolds / Instrument, Industrial Regulators, Electronic Products, Gauge Thermometers/Thermowells, Needle Valves. The main content area features the text: "The BelGAS division of Marsh Bellofram is a global leader in the manufacture of both high- and low-pressure, general purpose gas regulators, back pressure relief regulators, flow controllers, manifold systems, instrument air regulators, gauge thermometers, thermowells, needle valves and electronic products for oil, gas and petrochemical (process), industrial plant air and gas regulators, and general industrial pressure and flow monitoring applications." Below the text is a photograph of several different types of gas regulators and instruments.