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Comprehensive Solutions for the Natural Gas Industry

					
EZH Series	EZHSO Series	Type Dosaodor-D	FL Series	Type 310A	Type 971
					
EZR Series	630 Series	99 Series	EZL Series	1098-EGR Series	627 Series
					
Type 133HP	133 Series	299H Series	CS800 Series	CP400 Series	CS400 Series
					
66 Series	Y600A Series	Type HSR	CSB400 Series	ROC800 Series	63EG Series
					
289 Series	Type 289P	Type 1805P and 1805 Series	Type OSE	1301 Series	67C Series
					
67D Series	Type 1367	Type 252 Filter	Regulator Application Guide 726 pages	Literature DVD	Commercial Service Regulators DVD

www.emersonprocess.com/regulators

Natural Gas Technologies Selection Table

OUTLET OR RELIEF PRESSURE RANGE ⁽¹⁾ , psig / bar	TYPICAL APPLICATIONS										TYPE OR SERIES	OPERATION	BODY SIZE	MAXIMUM INLET PRESSURE ⁽¹⁾ , psig / bar	MAXIMUM CAPACITY, SCFH / Nm ³ /h	REFERENCE
	Transmission	Distribution	Commercial/Industrial	Residential/Utilization	Fixed Factor Billing/ PFM	Instrument Pilot Supply	Odorizing Systems	Farm Tap/ Field	Electronic Flow and Pressure Measurement	Overpressure Protection						Product Bulletin ⁽²⁾
14.5 to 1160 / 1.00 to 80.0	X	X	X							X	FL Series	Pilot	NPS 1, 1 x 4, 2, 2 x 6, 3, 3 x 10, 4, 4 x 10, 6, 6 x 12, 8, and 10 / DN 25, 25 x 100, 50, 50 x 150, 80, 80 x 250, 100, 100 x 250, 150, 150 x 300, 200, and 250	1480 / 102	100,535,000 / 2,694,338	71.2:FL
14.5 to 1160 / 1.00 to 80.0		X								X	Type 971	Pilot	NPS 10 / DN 250	1450 / 100	61,407,000 / 1,645,708	71.2:971
6-inches w.c. to 1000 / 15 mbar to 68.9	X	X	X							X	EZR Series	Pilot	NPS 1, 1-1/4, 2, 2 x 1, 3, 4, 6, 6 x 4, 8, 8 x 4, 8 x 6, 12 x 6 / DN 25, 32, 50, 50 x 25, 80, 100, 150, 150 x 100, 200, 200 x 100, 200 x 150, 300 x 150	1050 / 72.4	26,138,000 / 700,498	71.2:EZR
10 to 700 / 0.69 to 48.3	X	X								X	310A Series	Pilot	NPS 1, 2, 3, 4, 4 x 6 / DN 25, 50, 80, 100, 100 x 150	1500 / 103	21,170,000 / 567,356	71.2:310A
14.5 to 1160 / 1.00 to 80.0	X	X								X	EZH Series	Pilot	NPS 1, 2, 3, 4 / DN 25, 50, 80, 100	1500 / 103	13,883,000 / 372,064	71.2:EZH-EZHSO
14.5 to 1160 / 1.00 to 80.0	X	X								X	EZHSO Series	Pilot	NPS 1, 2, 3, 4 / DN 25, 50, 80, 100	1500 / 103	13,883,000 / 372,064	71.2:EZH-EZHSO
4-inches w.c. to 1470 / 10 mbar to 101										X	Type OSE	----	NPS 1, 2, 3, 4, 6, 8, 10 / DN 25, 50, 80, 100, 150, 200, 250	1470 / 101	12,916,000 / 346,149	71.6:OSE
10 to 400 / 0.69 to 27.6										X	63EG Series	Pilot	NPS 1, 2, 3, 4, 6, 6 x 8 / DN 25, 50, 80, 100, 150, 150 x 200	400 / 27.6	8,795,000 / 235,706	71.4:63EG
4-inches w.c. to 300 / 10 mbar to 20.7		X	X	X						X	1098-EGR Series	Pilot	NPS 1, 2, 3, 4, 6, 8 x 6, 12 x 6 / DN 25, 50, 80, 100, 150, 200 x 150, 300 x 150	400 / 27.6	6,901,000 / 184,947	71.2:1098-EGR
7-inches w.c. to 300 / 17 mbar to 20.7		X	X							X	Type EZL	Pilot	NPS 2, 3, and 4 / DN 50, 80, and 100	290 / 20.0	2,534,000 / 67,911	71.2:EZL
2-inches w.c. to 100 / 5 mbar to 6.9		X	X	X						X	Type 99	Pilot	NPS 2 / DN 50	1000 / 69.0	265,000 / 7102	71.2:99
5 to 500 / 0.35 to 34.5			X					X		X	627 Series	Direct	NPS 3/4, 1, 2 / DN 20, 25, 50	2000 / 138	179,000 / 4800	71.1:627
2-inches w.c. to 60 / 5 mbar to 4.1		X	X							X	133 Series	Direct	NPS 2 / DN 50	150 / 10.3	170,000 / 4556	71.1:133
5 to 125 / 0.35 to 8.6										X	Type 1805 and 1805P Series	Direct and/or Pilot	NPS 3/4, 1, 1-1/2, 2 / DN 20, 25, 40, 50	150 / 10.3	136,000 / 3645	71.4:1805 71.4:1805P
3 to 500 / 0.21 to 34.5			X					X		X	630 Series	Direct	NPS 1, 2 / DN 25, 50	1500 / 103	130,000 / 3480	71.1:630
14-inches w.c. to 100 / 35 mbar to 6.9										X	Type 289P	Pilot	NPS 1, 2 / DN 25, 50	110 / 7.6	110,000 / 2948	71.4:289P
3.5-inches w.c. to 60 / 9 mbar to 4.1		X	X	X						X	299H Series	Pilot	NPS 1-1/4, 1-1/2, 2 / DN 32, 40, 50	175 / 12.1	108,120 / 2898	71.2:299H
5-inches w.c. to 75 / 12 mbar to 5.2										X	289 Series	Direct	NPS 1/4, 3/4, 1, 2 / DN 20, 25, 50	100 / 6.9	100,000 / 2680	71.4:289
4-inches w.c. to 5 / 10 mbar to 0.35			X							X	66 Series	Direct	NPS 2, 3, 4 / DN 50, 80, 100	25 / 1.7	77,500 / 2077	71.1:66
5 to 100 / 0.34 to 6.9			X	X				X		X	Type 627F	Pilot	NPS 3/4, 1, 2 / DN 20, 25, 50	100 / 6.9	37,600 / 1008	71.2:627F
3.5-inches w.c. to 10 / 9 mbar to 0.69			X	X						X	CS800 Series	Direct	NPS 1-1/4, 1-1/2, 2 / DN 32, 40, 50	125 / 8.6	36,270 / 972	71.1:CS800
7-inches w.c. to 43.5 / 17 mbar to 3.0			X	X						X	CSB400 Series	Direct	NPS 1, 1 x 1-1/4, 1-1/4, 1-1/2 / DN 25, 32, 40, 50	232 / 16.0	36,197 / 970	71.1:CSB400
0 to 150 / 0 to 10.3						X				X	67D Series	Direct	NPS 1/2 / DN 15	400 / 27.6	26,000 / 697	71.1:67D
1 to 20 / 69 mbar to 1.4			X	X						X	CP400 Series	Pilot	NPS 1-1/4, 1-1/2, 2 / DN 32, 40, 50	125 / 8.6	17,600 / 472	71.1:CP400
3.5-inches w.c. to 5.5 / 9 mbar to 0.38			X	X						X	CS400 Series	Direct	NPS 1-1/4, 1-1/2, 2 / DN 32, 40, 50	125 / 8.6	11,200 / 300	71.1:CS400
1 to 20 / 0.07 to 1.4			X	X						X	CP200 Series	Pilot	NPS 3/4, 3/4 x 1, 3/4 x 1-1/4, 1, 1 x 1-1/4, 1-1/4 / DN 20, 20 x 25, 20 x 32, 25, 25 x 32, 32	125 / 8.6	8800 / 236	71.1:CP200
4-inches w.c. to 7 / 10 mbar to 0.48			X	X						X	Y600A Series	Direct	NPS 3/4, 1 / DN 20, 25	150 / 10.3	6660 / 178	71.1:Y600A
3.5-inches w.c. to 5.5 / 9 mbar to 0.38			X	X						X	CS200 Series	Direct	NPS 3/4, 3/4 x 1, 3/4 x 1-1/4, 1, 1 x 1-1/4, 1-1/4 / DN 20, 20 x 25, 20 x 32, 25, 25 x 32, 32	125 / 8.6	6550 / 176	71.1:CS200
10 to 500 / 0.69 to 34.5			X		X					X	1301 Series	Direct	NPS 1/4	6000 / 414	5808 / 156	71.1:1301
0 to 150 / 0 to 10.3						X				X	67C Series	Direct	NPS 1/4	400 / 27.6	5612 / 150	71.1:67C
4-inches w.c. to 2.2 / 10 mbar to 0.15			X	X						X	Type HSR	Direct	NPS 3/4, 3/4 x 1, 1 / DN 20, 20 x 25, 25	125 / 8.6	4800 / 129	71.1:HSR
5 to 35 / 0.35 to 2.4					X					X	Type 1367	Direct	NPS 1/4	2000 / 138	1419 / 38	71.1:1367
----						X				X	Type 252 Filter	----	NPS 1/4	2750 / 190	----	90.1:252
----							X			X	Type Dosaodor-D	----	N/A	1450 / 100	----	75.2:Dosaodor-D
----										X	ROC800 Series	----	N/A	----	----	ROC800 Specification Sheet, D301231X012

Note 1: Outlet or Relief Pressure Ranges and Maximum Inlet Pressures are expressed in psig / bar unless otherwise indicated.

Note 2: Please contact your local Sales Office for a copy of the Regulator Literature DVD.

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