

Capacity | Gas Regulator

Table D. 7333 Regulator Capacities in scfh of 0.6 Specific Gravity Gas

Inlet Pressure		Outlet Pressure Setting		Capacities in Thousands of SCFH / Nm ³ /h of Specific Gravity Natural Gas for Regulators with line Size Equals to Main Valve Body Size							
				NPS 2/ DN 50 Body Size		NPS 3/ DN 80 Body Size		NPS 4/ DN 100 Body Size		NPS 6/ DN 150 Body Size	
				SCFH	Nm ³ /h	SCFH	Nm ³ /h	SCFH	Nm ³ /h	SCFH	Nm ³ /h
10	0.69	3	0.2	56	1.5	116	3.1	180	4.6	257	6.9
		5	0.3	49	1.3	102	2.7	158	4.2	241	6.5
		7	0.5	40	1.1	82	2.2	127	3.4	—	—
15	1.0	1	—	—	—	—	—	—	—	471	12.6
		4	0.3	74	2.0	153	4.1	237	6.4	445	11.9
		8	0.5	63	1.7	130	3.5	201	5.4	385	10.9
		12	0.8	44	1.2	91	2.4	140	3.8	—	—
20	1.4	1	—	—	—	—	—	—	—	577	15.5
		10	0.7	79	2.1	164	4.4	254	6.8	482	12.9
		15	1.0	60	1.5	125	3.4	192	5.2	371	9.9
		17	1.2	48	1.3	99	2.7	153	4.1	—	—
30	2.1	4	0.3 or less	131	3.5	267	7.2	422	11.3	744	19.9
		15	1.0	108	2.9	223	6.0	345	9.3	651	17.5
		20	1.4	93	2.5	192	5.2	297	8.0	568	15.2
		25	1.7	69	1.6	144	3.9	221	5.9	429	11.5
40	2.8	9	0.5 or less	161	4.3	327	8.8	517	13.9	910	24.4
		20	1.4	136	3.6	280	7.5	434	11.6	816	21.9
		30	2.1	105	2.8	217	5.8	335	9.0	644	17.3
		35	2.4	77	2.1	161	4.3	247	6.6	480	12.9
50	3.4	13	0.9 or less	190	5.1	386	10.3	611	16.4	1077	28.9
		20	1.4	172	4.6	354	9.5	551	14.8	1023	27.4
		30	2.1	152	4.1	313	8.4	485	13.0	919	24.6
		40	2.8	115	3.1	240	6.4	369	9.9	712	19.1
		45	3.1	85	2.3	176	4.7	270	7.24	526	14.1
75	5.2	24	1.5 or less	264	7.1	536	14.4	847	22.7	1493	40
		50	3.4	203	5.4	419	11.2	648	17.4	1232	33
100	6.9	35	2.4 or less	337	9.0	685	18.4	1083	29.0	1909	51.2
125	8.6	46	3.2 or less	411	11.0	834	22.4	1319	35.3	2325	62.3