

# MEGR-1630 High Flow Gas Regulator

MEGR-1630 Flow Capacities in SCFH of 0.6 S.G. Natural Gas at 20% Droop - For LPG multiply by .625 = SCFH/LPG

Outlet Pressure Range	Outlet Pressure Setting		Inlet Pressure Setting		2" Body Size				
					Port Diameter Inches				
	PSIG	BAR	PSIG	BAR	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	290	830	1300	3300	5900
			20	1.4	500	1200	2100	4800	9100
			30	2.1	760	1600	2700	7000	11,000
			50	3.5	1100	2200	3900	9800	17,000
			60	4.1	1250	2700	4500	11,100	19,500
			75	5.2	1500	3300	5400	13,000	23,000
			100	6.9	1900	4300	7000	17,000	30,000
			150	10.3	2800	6200	10,000	25,000	43,000
			200	13.8	3700	8200	13,000	32,000	57,000
			250	17.2	4500	10,200	17,000	38,000	70,000
			400	27.5	7200	16,000	28,000	64,000	
			500	34.5	9100	19,000	35,000	79,000	
			600	41.4	10,000	24,000	42,000		
			1000	69	18,000	39,000	69,000		
			1500	103	22,000	60,000			
	10	0.69	20	1.4	560	1300	2200	5100	9000
			30	2.1	770	1500	3000	7000	11,000
			50	3.5	1100	2400	4300	9800	17,000
			60	4.1	1250	2800	5000	11,100	19,500
			75	5.2	1500	3400	5900	13,000	23,000
			100	6.9	1900	4400	7600	17,000	30,000
			150	10.3	2800	6200	11,000	25,000	43,000
			200	13.8	3700	8100	14,000	33,000	57,000
			250	17.2	4400	10,000	17,000	41,000	70,000
			400	27.6	7200	16,000	28,000	62,000	
			500	34.5	8900	19,000	35,000	76,000	
			600	41.4	10,000	23,000	42,000		
			1000	69	18,000	40,000	72,000		
			1500	103	27,000	60,000			
8 to 20 PSIG (0.55 to 1.4 BAR)	10	0.69	20	1.4	550	1200	1700	2500	4900
			30	2.1	760	1500	2500	4600	8800
			50	3.5	1000	2300	3800	7800	16,000
			60	4.1	1200	2700	4500	9900	18,500
			75	5.2	1500	3300	5600	13,000	23,000
			100	6.9	1900	4300	7400	17,000	30,000
			150	10.3	2800	6100	11,000	25,000	44,000
			200	13.8	3600	8000	14,000	32,000	57,000
			250	17.2	4400	9500	17,000	37,000	70,000
			400	27.6	7200	15,000	28,000	60,000	
			500	34.5	8800	19,000	35,000	74,000	
			600	41.4	10,000	23,000	42,000		
			1000	69	18,000	39,000	72,000		
			1500	103	27,000	60,000			
	15	1.0	20	1.4	520	1100	1800	3500	5700
			30	2.1	740	1600	2800	5900	10,000
			50	3.5	1100	2400	4300	9800	16,000
			60	4.1	1250	2800	5000	11,100	18,500
			75	5.2	1500	3400	6000	13,000	23,000
			100	6.9	1900	4400	7800	17,000	30,000
			150	10.3	2800	6400	11,000	25,000	43,000
			200	13.8	3700	8300	14,000	31,000	57,000

			250	17.2	4800	10,000	19,000	39,000	74,000
			400	27.6	7200	16,000	29,000	64,000	
			500	34.5	9200	20,000	37,000	82,000	
			600	41.4	11,000	23,000	42,000		
			1000	69	18,000	40,000	71,000		
			1500	103	27,000	60,000			
	20	1.4	30	2.4	700	1600	2600	5200	9200
			40	2.8	900	2100	3500	7500	12,000
			50	3.5	1100	2400	4300	9400	15,000
			60	4.1	1250	2800	5100	11,000	18,000
			75	5.2	1500	3400	6100	13,000	23,000
			100	6.9	1900	4300	7800	17,000	29,000
			150	10.3	2800	6300	11,000	23,000	42,000
			200	13.8	3700	8200	14,000	32,000	59,000
			270	18.6	4900	10,000	19,000	39,000	75,000
			400	27.6	7300	16,000	28,000	63,000	
			520	35.0	9500	20,000	37,000	82,000	
			600	41.4	11,000	24,000	43,000		
			1020	70.3	18,000	40,000	73,000		
			1500	103	27,000	60,000			
17 to 30 PSIG (1.17 to 2.1 BAR)	20	1.4	30	2.4	680	1300	2100	3500	6000
			40	2.8	890	1800	2800	5100	8200
			50	3.5	1000	2300	3700	6200	10,000
			60	4.1	1200	2700	4300	7400	12,500
			75	5.2	1500	3300	5300	9200	16,000
			100	6.9	1900	4200	6900	12,000	24,000
			150	10.3	2200	6100	10,000	21,000	40,000
			200	13.8	3500	8000	13,000	32,000	56,000
			270	18.6	4800	10,000	19,000	39,000	75,000
			400	27.6	7100	15,000	28,000	63,000	
			520	35.9	9300	20,000	37,000	82,000	
			600	41.4	10,000	24,000	42,000		
			1020	70.3	18,000	40,000	72,000		
			1500	103	27,000	60,000			
	30	2.1	40	2.8	860	1800	2900	5300	8500
			50	3.5	1000	2300	3800	7300	11,000
			60	4.1	1200	2700	4700	8900	14,000
			75	5.2	1500	3400	5800	11,000	18,000
			100	6.9	1800	4200	7800	16,000	28,000
			150	10.3	2700	6100	11,000	20,000	44,000
			200	13.8	3600	8100	14,000	24,000	58,000
			280	19.3	5000	11,000	20,000	46,000	80,000
			400	27.6	7000	16,000	28,000	64,000	
			530	36.5	9500	20,000	37,000	86,000	
			600	41.4	10,000	23,000	42,000		
			1030	71.0	19,000	41,000	73,000		
			1500	103	27,000	61,000			
27 to 40 PSIG (1.86 to 2.8 BAR)	30	2.1	40	2.8	850	1600	2600	4500	7200
			50	3.5	1000	2200	3500	5900	9700
			60	4.1	1200	2600	4200	7300	12,000
			75	5.2	1500	3200	5300	9400	15,000
			100	6.9	1800	4200	6900	12,000	23,000
			150	10.3	2700	6100	10,000	20,000	39,000
			200	13.8	3600	8100	13,000	24,000	57,000
			280	19.3	5000	11,000	19,000	45,000	78,000
			400	27.6	7000	15,000	28,000	64,000	
			530	36.5	9500	20,000	37,000	85,000	
			600	41.4	10,000	23,000	42,000		

	40	2.8	1030	71.0	19,000	41,000	73,000		
			1500	103	27,000	61,000			
			50	3.5	1000	2100	3400	5900	9900
			60	4.1	1200	2600	4300	7900	12,000
			75	5.2	1500	3400	5600	10,000	16,000
			100	6.9	1900	4300	7200	13,000	24,000
			150	10.3	2800	6200	10,000	22,000	39,000
			200	13.8	3600	8200	14,000	30,000	56,000
			290	20.0	5200	11,000	20,000	46,000	81,000
			400	27.6	7200	16,000	28,000	63,000	
			540	37.2	9600	21,000	38,000	86,000	
			600	41.4	10,000	23,000	42,000		
			1040	71.7	18,000	41,000	73,000		
			1500	103	27,000	61,000			
27 to 50 PSIG (1.86 to 3.4 BAR)	50	3.4	60	4.1	1000	2100	3200	5300	12,000
			75	5.2	1400	2900	3900	7300	16,000
			100	6.9	1800	3600	5800	10,000	21,000
			150	10.3	2700	5800	9000	15,000	36,000
			200	13.8	3600	7900	12,000	21,000	55,000
			300	20.7	5500	11,000	19,000	48,000	83,000
			400	27.6	7000	15,000	27,000	63,000	
			550	19.3	9700	21,000	38,000	88,000	
			600	41.4	10,000	23,000	42,000		
			1050	72.4	19,000	42,000	74,000		
			1500	103	27,000	60,000			
46 to 95 PSIG (3.2 to 6.5 BAR)	50	3.4	60	4.1	900	1600	2500	4400	7300
			75	5.2	1300	2200	3200	6100	9300
			100	6.9	1600	3400	4300	7600	12,000
			150	10.3	2500	4600	7100	12,000	19,000
			200	13.8	3500	6700	9600	16,000	27,000
			300	20.7	5300	10,000	14,000	27,000	51,000
			400	27.6	6900	13,000	21,000	46,000	
			550	19.3	9600	18,000	29,000	87,000	
			600	41.4	10,000	20,000	35,000		
	75	5.2	1050	72.4	18,000	41,000	73,000		
			1500	103	26,000	59,000			
			100	6.9	1800	3300	5200	9000	14,000
			125	8.6	2300	4400	6900	11,000	18,000
			200	5.2	3600	7400	11,000	19,000	30,000
			250	17.2	4500	9500	14,000	26,000	44,000
			325	22.4	5800	12,000	18,000	36,000	67,000
			400	27.6	7200	15,000	24,000	47,000	
			575	39.6	9800	22,000	37,000	92,000	
			600	41.4	10,000	23,000	39,000		
			1075	74.1	19,000	42,000	75,000		
			1500	103	24,000	60,000			
90 to 150 PSIG (6.2 to 10.3 BAR)	100	6.9	125	8.6	2100	3700	5600	9800	15,000
			150	10.3	2600	4900	7400	12,000	18,000
			200	5.2	3700	6900	10,000	17,000	27,000
			250	17.2	4500	8700	13,000	22,000	34,000
			300	20.7	5400	10,000	16,000	27,000	44,000
			350	24.1	6300	12,000	19,000	33,000	57,000
			400	27.6	7200	14,000	21,000	39,000	
			600	41.4	10,000	21,000	34,000	69,000	
			1100	75.8	19,000	43,000	74,000		
			1500	103	27,000	59,000			
	125	8.6	150	10.3	2500	5000	8100	12,000	20,000
			200	5.2	3600	7400	11,000	19,000	30,000
			250	17.2	4400	9400	14,000	24,000	39,000
			300	20.7	5300	11,000	17,000	31,000	48,000
			375	25.9	7000	15,000	24,000	43,000	65,000

			400	27.6	8300	18,000	28,000	56,000	
			500	34.5	8800	19,000	30,000	59,000	
			625	43.1	11,000	24,000	40,000	79,000	
			1125	77.6	19,000	44,000	79,000		
			1500	103	27,000	60,000			
90 to 150 PSIG (6.2 to 10.3 BAR)	150	10.3	200	13.8	3500	7300	11,000	18,000	30,000
			250	17.2	4500	9500	15,000	26,000	38,000
			300	20.7	5400	11,000	19,000	32,000	52,000
			400	27.6	7200	15,000	26,000	46,000	77,000
			450	31.0	8100	18,000	29,000	54,000	
			650	44.8	10,000	25,000	44,000	88,000	
			800	55.2	14,000	30,000	54,000		
			1150	79.2	21,000	46,000	78,000		
			1500	103	27,000	60,000			
150 to 200 PSIG (10.3 to 13.8 BAR)	150	10.3	200	13.8	3500	6900	10,000	17,000	28,000
			250	17.2	4400	9000	13,000	23,000	36,000
			300	20.7	5400	11,000	17,000	28,000	47,000
			400	27.6	7200	15,000	24,000	40,000	66,000
			450	31.0	8000	17,000	27,000	46,000	
			650	44.8	10,000	22,000	40,000	74,000	
			800	55.2	14,000	30,000	51,000		
			1150	79.3	20,000	45,000	78,000		
			1500	103	27,000	60,000			
	200	13.8	250	17.2	4300	9100	13,000	23,000	42,000
			300	20.7	5300	11,000	18,000	33,000	52,000
			450	31.0	7900	17,000	29,000	52,000	84,000
			600	41.1	10,000	23,000	40,000	75,000	
			700	48.3	12,000	27,000	47,000	90,000	
			800	55.2	14,000	31,000	54,000		
			1000	68.9	17,000	39,000	69,000		
			1200	82.7	21,000	48,000	83,000		
			1500	103	27,000	60,000			
200 to 275 PSIG (13.8 to 19 BAR)	200	13.8	250	17.2	4300	8900	12,000	23,000	35,000
			300	20.7	5300	11,000	18,000	31,000	46,000
			450	31.0	7800	17,000	28,000	50,000	78,000
			600	41.4	10,000	23,000	38,000	70,000	
			700	48.3	12,000	27,000	45,000	83,000	
			800	55.2	14,000	31,000	52,000		
			1000	68.9	17,000	39,000	68,000		
			1200	82.7	20,000	46,000	83,000		
			1500	103	27,000	60,000			
	250	17.2	300	20.7	5000	10,000	17,000	30,000	52,000
			400	27.6	7100	15,000	25,000	47,000	76,000
			500	34.5	8600	19,000	34,000	62,000	103,000
			600	41.4	10,000	23,000	41,000	78,000	
			750	51.7	13,000	29,000	51,000	106,000	
			1000	68.9	17,000	40,000	68,000		
			1200	82.7	22,000	50,000	87,000		
			1500	103	27,000	60,000			
	275	19	300	20.7	4800	10,000	17,000	29,000	43,000
			400	27.6	7000	15,000	26,000	47,000	73,000
			525	36.2	9200	20,000	36,000	69,000	112,000
			775	53.4	12,000	30,000	52,000	112,000	
			1000	68.9	17,000	40,000	68,000		
			1275	89.9	22,000	51,000	89,000		
			1500	103	26,000	61,000			
275 to 500 PSIG (19 to 34.5 BAR)	275	19	300	20.7	4600	8400	13,000	23,000	37,000
			400	27.6	7000	13,000	20,000	32,000	53,000
			525	36.2	9300	18,000	27,000	46,000	73,000
			775	53.4	13,000	28,000	44,000	73,000	
			1000	68.9	18,000	37,000	57,000		
			1275	87.9	22,000	48,000	77,000		

			1500	103	27,000	57,000			
			400	27.6	7000	13,000	21,000	35,000	54,000
	300	20.7	550	38	9800	20,000	30,000	52,000	78,000
			600	41.4	10,000	21,000	34,000	59,000	
			700	48.3	12,000	26,000	40,000	72,000	
			800	55.2	14,000	29,000	47,000	81,000	
			900	62.1	16,000	34,000	53,000		
			1300	90	23,000	50,000	80,000		
			1500	103	27,000	58,000			
	400	27.6	500	34.5	8800	17,000	28,000	49,000	77,000
			600	41.4	11,000	25,000	40,000	75,000	112,000
			800	55.2	14,000	31,000	51,000	95,000	
			900	62.1	16,000	36,000	58,000	110,000	
			1000	68.9	18,000	40,000	66,000		
			1200	82.7	21,000	48,000	80,000		
			1400	96.5	25,000	57,000	96,000		
			1500	103	27,000	61,000			
	500	34.5	500	34.5	9000	18,000	30,000	53,000	89,000
			750	51.7	13,000	29,000	48,000	90,000	141,000
			900	62.1	16,000	35,000	60,000	113,000	
			1000	68.9	18,000	40,000	67,000	130,000	
			1500	103	27,000	60,000	82,000		