



The Beam Gas Compressor™

by Permian Production Equipment, Inc.

P.O. Box 50725 Midland, Texas 79710

(432) 563-1266 / FAX (432)-694-4532

800-777-0592 / www.beamgascompressor.com

BGC 548								
	PU	10" INCHES						
	SPM	VACUUM	0 PSIG	10 PSIG	20 PSIG	50 PSIG	75 PSIG	100 PSIG
MCFD	3	2.53	4.00	6.90	9.87	18.71	26.00	33.44
Cubic Meters	3	71.64	113.27	195.39	279.50	529.82	736.26	946.44
MCFD	4	3.37	5.30	9.20	13.20	24.94	34.76	44.58
Cubic Meters	4	95.43	150.08	260.52	373.79	706.24	984.32	1262.40
MCFD	5	4.22	6.60	11.53	16.44	31.18	43.45	55.73
Cubic Meters	5	119.50	186.90	326.50	465.54	882.95	1230.40	1578.15
MCFD	6	5.06	7.95	13.70	19.70	37.41	52.14	66.87
Cubic Meters	6	143.29	225.95	387.95	557.86	1059.37	1476.48	1893.60
MCFD	7	5.90	9.30	16.15	23.00	43.65	60.83	78.02
Cubic Meters	7	167.07	263.35	457.33	651.31	1236.07	1722.57	2209.35
MCFD	8	6.75	10.60	18.46	26.32	49.90	69.53	89.17
Cubic Meters	8	191.14	300.17	522.74	745.32	1413.05	1968.93	2525.09
MCFD	9	7.59	11.90	20.76	29.60	56.12	78.22	100.31
Cubic Meters	9	214.93	336.98	587.88	838.20	1589.19	2215.01	2840.55
MCFD	10	8.43	13.30	23.10	32.90	62.36	86.91	111.46
Cubic Meters	10	238.72	376.63	654.14	931.65	1765.89	2461.09	3156.29
MCFD	11	9.28	14.60	25.38	36.18	68.59	95.50	122.60
Cubic Meters	11	262.79	413.44	718.70	1024.53	1942.31	2704.34	3471.75
MCFD	12	10.12	15.90	27.69	39.47	74.83	104.29	133.75
Cubic Meters	12	286.58	450.25	784.12	1117.70	2119.01	2953.25	3787.49

BGC 648								
PU-SPM	PU	10" INCHES						
	SPM	VACUUM	0 PSIG	10 PSIG	20 PSIG	50 PSIG	75 PSIG	100 PSIG
MCFD	3	3.64	5.72	9.97	14.21	26.93	37.53	48.13
Cubic Meters	3	103.08	161.98	282.33	402.39	762.60	1062.76	1362.93
MCFD	4	4.86	7.63	13.29	18.94	35.90	50.04	64.17
Cubic Meters	4	137.62	216.06	376.34	536.34	1016.61	1417.02	1817.15
MCFD	5	6.07	9.54	16.61	23.68	44.88	62.55	80.22
Cubic Meters	5	171.69	270.15	470.36	670.56	1270.90	1771.27	2271.65
MCFD	6	7.28	11.45	19.93	28.41	53.85	75.06	96.26
Cubic Meters	6	206.15	324.24	564.37	804.51	1524.91	2125.53	2725.86
MCFD	7	8.50	13.36	23.35	33.15	62.83	87.57	112.30
Cubic Meters	7	240.70	378.32	661.22	938.73	1779.20	2479.78	3180.08
MCFD	8	9.71	15.27	26.57	37.88	71.81	100.08	128.35
Cubic Meters	8	274.96	432.41	752.40	1072.68	2033.49	2834.04	3634.58
MCFD	9	10.93	17.17	29.90	42.62	80.78	112.59	144.39
Cubic Meters	9	309.51	486.21	846.70	1206.90	2287.50	3188.29	4088.79
MCFD	10	12.14	19.08	33.22	47.35	89.76	125.09	160.43
Cubic Meters	10	343.78	540.30	940.71	1340.84	2541.80	3542.26	4541.01
MCFD	11	13.35	20.99	36.54	52.09	98.73	137.60	176.48
Cubic Meters	11	378.04	594.39	1034.73	1475.07	2795.81	4896.52	4997.51
MCFD	12	14.57	22.90	39.86	56.82	107.71	150.11	192.52
Cubic Meters	12	412.59	648.48	1126.74	1609.01	3050.10	42550.77	5451.72



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BGC 748								
PU-SPM	PU SPM	10" INCHES VACUUM	0 PSIG	10 PSIG	20 PSIG	50 PSIG	75 PSIG	100 PSIG
MCFD	3	4.96	7.74	13.56	19.34	36.65	51.08	65.51
Cubic Meters	3	140.46	219.18	383.99	547.66	1037.84	1446.47	1855.09
MCFD	4	6.61	10.39	18.08	25.78	48.87	68.11	87.35
Cubic Meters	4	187.18	294.22	511.98	730.03	1383.89	1928.72	2473.55
MCFD	5	8.26	12.99	22.61	32.23	61.09	85.14	109.19
Cubic Meters	5	233.90	367.85	640.26	912.68	1729.93	2410.97	3092.01
MCFD	6	9.91	15.58	27.13	38.67	73.30	102.16	131.02
Cubic Meters	6	280.63	441.19	768.26	1095.05	2075.69	2892.94	3710.19
MCFD	7	11.57	18.18	31.65	45.12	85.52	119.19	152.86
Cubic Meters	7	327.64	514.82	896.26	1277.69	2421.73	3375.19	4328.64
MCFD	8	13.22	20.78	36.17	51.56	97.74	136.22	174.70
Cubic Meters	8	374.36	588.44	1024.25	1460.06	2767.77	3857.44	4947.10
MCFD	9	14.87	23.38	40.69	58.01	109.96	153.25	196.54
Cubic Meters	9	421.08	662.07	1152.25	1642.71	3113.81	4339.69	5565.56
MCFD	10	16.53	25.97	45.21	64.45	122.17	170.27	218.37
Cubic Meters	10	468.09	735.41	1280.24	1825.08	3459.57	4821.66	6183.74
MCFD	11	18.18	28.57	49.74	70.90	134.39	187.30	240.21
Cubic Meters	11	514.82	809.04	1408.52	2007.73	3805.62	5303.91	6802.20
MCFD	12	19.03	31.17	54.26	77.34	146.61	204.33	262.05
Cubic Meters	12	538.89	882.66	1536.52	2190.09	4151.66	5786.16	7420.65

BGC 848								
PU-SPM	PU SPM	10" INCHES VACUUM	0 PSIG	10 PSIG	20 PSIG	30 PSIG	40 PSIG	50 PSIG
MCFD	3	6.44	10.13	17.63	25.13	32.63	40.13	47.63
Cubic Meters	3	181.37	286.86	499.24	711.62	934.01	1136.39	1348.77
MCFD	4	8.59	13.50	23.50	33.50	43.50	53.50	63.50
Cubic Meters	4	243.25	382.29	665.47	948.64	1231.82	1515.00	1798.17
MCFD	5	10.74	16.88	29.38	41.88	54.38	66.88	79.38
Cubic Meters	5	304.13	478.00	831.97	1185.95	1539.92	1893.89	2247.86
MCFD	6	12.88	20.25	35.25	50.25	65.25	80.25	95.25
Cubic Meters	6	364.73	573.43	998.20	1422.96	1847.73	2272.50	2697.26
MCFD	7	15.03	23.63	41.13	58.63	76.13	93.63	111.13
Cubic Meters	7	425.62	669.15	1164.71	1660.27	2155.83	2651.39	3146.95
MCFD	8	17.18	27.00	47.00	67.00	87.00	107.00	127.00
Cubic Meters	8	486.50	764.58	1330.93	1897.29	2463.64	3029.99	3596.35
MCFD	9	19.32	30.38	52.88	75.38	97.88	120.38	142.88
Cubic Meters	9	547.10	860.29	1497.44	2134.59	2771.74	3406.88	4046.03
MCFD	10	21.47	33.75	58.75	83.75	108.75	133.75	158.75
Cubic Meters	10	607.98	955.72	1663.66	2371.61	3079.55	3787.49	4495.44
MCFD	11	23.62	37.13	64.63	92.13	119.63	147.13	174.63
Cubic Meters	11	668.86	1051.44	1830.17	2608.91	3387.65	4166.38	4945.12
MCFD	12	25.77	40.50	70.50	100.50	130.50	160.50	190.50
Cubic Meters	12	729.75	1146.87	1996.40	2845.92	3695.46	4544.99	5394.52



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BGC 948			0 PSIG	10 PSIG	20 PSIG	30 PSIG	40 PSIG	50 PSIG
PU-SPM	PU SPM	10" INCHES VACUUM						
MCFD	3	8.20	12.88	22.43	31.97	41.51	51.06	60.60
Cubic Meters	3	232.21	364.73	635.17	905.32	1175.47	1445.90	1716.05
MCFD	4	10.93	17.18	29.90	42.63	55.35	68.07	80.80
Cubic Meters	4	309.51	486.50	846.70	1207.18	1567.38	1927.59	2288.07
MCFD	5	13.66	21.47	37.38	53.28	69.19	85.09	101.00
Cubic Meters	5	386.82	607.98	1058.52	1508.77	1959.30	2409.55	2860.09
MCFD	6	16.39	25.77	44.89	63.94	83.02	102.11	121.00
Cubic Meters	6	464.13	729.75	1271.18	1810.63	2350.94	2891.52	3426.44
MCFD	7	19.12	30.06	52.33	74.58	96.86	119.13	141.40
Cubic Meters	7	541.43	851.23	1481.67	2111.93	2742.85	3373.49	4004.12
MCFD	8	21.86	34.35	59.80	85.25	110.70	136.15	161.59
Cubic Meters	8	619.02	72.71	1693.40	2414.08	3134.77	3855.46	4575.86
MCFD	9	24.59	38.65	67.28	95.91	124.54	153.17	181.79
Cubic Meters	9	696.33	1094.48	1905.21	2715.95	3526.69	4227.42	5147.88
MCFD	10	27.32	42.94	74.75	106.56	138.37	170.18	201.99
Cubic Meters	10	773.64	1215.96	2116.75	3017.53	3918.32	4019.11	5719.89
MCFD	11	30.05	47.24	82.23	117.22	152.21	187.20	222.19
Cubic Meters	11	850.95	1337.73	2328.56	3319.40	4310.24	5301.07	6291.91
MCFD	12	32.78	51.53	89.70	127.88	166.05	204.22	242.39
Cubic Meters	12	928.25	1459.21	2540.10	3621.27	4702.15	5783.04	8863.93

BGC 1048			0 PSIG	10 PSIG	20 PSIG	30 PSIG	40 PSIG	50 PSIG
PU-SPM	PU SPM	10" INCHES VACUUM						
MCFD	3	10.12	15.90	27.69	39.47	51.25	63.03	74.81
Cubic Meters	3	286.58	450.25	784.12	1117.70	1451.28	1784.86	2118.45
MCFD	4	13.49	21.21	36.91	52.62	68.33	84.04	99.75
Cubic Meters	4	382.01	600.62	1045.21	1490.08	1934.95	2379.82	2824.69
MCFD	5	16.86	26.51	46.14	65.78	85.41	105.05	124.68
Cubic Meters	5	477.44	570.70	1306.58	1862.74	2418.61	2974.77	3530.65
MCFD	6	20.24	31.81	55.37	78.93	102.49	126.06	149.62
Cubic Meters	6	573.15	900.79	1567.95	2235.12	2902.28	3569.73	4236.89
MCFD	7	23.61	37.11	64.60	92.09	119.58	147.07	174.56
Cubic Meters	7	668.50	1050.87	1829.32	2607.78	3386.23	4164.68	4943.14
MCFD	8	26.98	42.41	72.83	105.24	136.66	168.08	199.49
Cubic Meters	8	764.01	1200.95	2062.38	2980.15	3869.90	4759.64	5649.10
MCFD	9	30.35	47.71	83.06	118.40	153.74	189.09	224.43
Cubic Meters	9	859.44	1351.04	2352.07	3352.82	4353.56	5354.59	6355.24
MCFD	10	33.73	53.01	92.28	131.55	170.82	210.09	249.36
Cubic Meters	10	955.16	1501.12	2613.16	3725.19	4837.23	5949.27	7061.30
MCFD	11	37.10	58.32	101.51	144.71	187.91	231.10	274.30
Cubic Meters	11	1050.59	1651.49	2874.53	4097.85	5321.18	6544.22	7767.55
MCFD	12	40.47	63.62	110.74	157.87	204.99	252.11	299.24
Cubic Meters	12	1146.02	1801.57	3135.90	4470.52	5804.85	7139.18	8473.79



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BGC 1248			0 PSIG	10 PSIG	20 PSIG	30 PSIG	40 PSIG	50 PSIG	
PU-SPM	PU SPM	10" INCHES VACUUM							
	MCFD	3	14.57	22.90	39.87	56.83	73.80	90.96	107.73
	Cubic Meters	3	412.59	648.48	1129.03	1609.30	2089.65	2575.78	3030.67
	MCFD	4	19.43	30.54	53.16	75.78	98.40	121.02	143.64
	Cubic Meters	4	550.21	864.82	1505.37	2145.92	2786.46	3427.01	4067.55
	MCFD	5	24.28	38.17	66.45	94.72	123.00	151.26	179.55
	Cubic Meters	5	687.55	1080.89	1881.71	2682.25	3483.08	4283.34	5084.44
	MCFD	6	29.14	45.81	79.74	113.67	147.60	181.53	215.46
	Cubic Meters	6	825.18	1297.23	2258.05	3218.87	4179.69	5140.51	6101.33
	MCFD	7	34.00	53.44	93.02	132.61	172.19	211.78	251.36
	Cubic Meters	7	962.80	1513.30	2634.11	3755.21	4876.03	5997.12	7117.94
	MCFD	8	38.85	61.04	106.31	151.55	196.79	241.03	287.27
	Cubic Meters	8	1100.14	1728.51	3010.45	4291.55	5572.64	6835.42	8134.83
	MCFD	9	43.71	68.71	119.60	170.50	221.39	272.03	323.18
	Cubic Meters	9	1237.77	1945.71	3386.80	4828.17	6269.26	7703.26	9151.71
	MCFD	10	48.57	76.34	132.89	189.44	245.99	272.29	359.09
	Cubic Meters	10	1375.39	2161.77	3763.14	5364.51	6965.67	7710.63	10168.60
	MCFD	11	53.42	83.98	146.18	208.39	270.59	302.80	395.00
	Cubic Meters	11	1512.73	2378.12	4139.48	5901.13	7662.49	8574.60	11185.49
	MCFD	12	58.28	91.61	159.49	227.33	295.19	363.05	430.91
	Cubic Meters	12	1650.36	2594.18	4626.39	6237.46	8359.10	10280.74	12202.30

BGC 1448			0 PSIG	5 PSIG	10 PSIG	15 PSIG	20 PSIG	25 PSIG	
PU-SPM	PU SPM	10" INCHES VACUUM							
	MCFD	3	19.83	31.17	42.72	54.26	65.81	77.35	88.90
	Cubic Meters	3	561.54	882.66	1209.73	1536.52	1863.59	2190.37	2517.44
	MCFD	4	26.44	41.56	56.96	72.35	87.75	103.14	118.53
	Cubic Meters	4	748.72	1176.88	1612.98	2948.79	2484.88	2920.69	3356.50
	MCFD	5	33.05	51.95	71.20	90.44	109.68	128.92	148.17
	Cubic Meters	5	935.90	1471.10	2016.22	2561.05	3105.89	3650.72	4195.83
	MCFD	6	39.66	62.35	85.44	108.53	131.62	154.71	177.80
	Cubic Meters	6	1123.08	1765.61	2419.46	3073.32	3727.18	4381.03	5034.89
	MCFD	7	46.27	72.74	99.68	126.62	153.56	180.49	207.43
	Cubic Meters	7	1310.26	2059.63	2822.71	3585.59	4348.47	5111.06	5873.94
	MCFD	8	52.88	83.13	113.92	144.70	175.49	206.28	237.07
	Cubic Meters	8	1497.44	2354.05	3225.95	4097.57	4969.47	5841.38	6713.28
	MCFD	9	59.50	93.52	128.16	162.79	197.43	232.06	266.70
	Cubic Meters	9	1684.90	2648.27	3629.20	4609.84	5590.76	6571.41	7552.33
	MCFD	10	66.11	103.91	142.39	180.88	219.36	257.85	296.33
	Cubic Meters	10	1872.08	2942.49	4032.16	5122.11	6211.77	7301.72	8391.38
	MCFD	11	72.72	114.30	156.63	198.97	241.30	283.63	325.97
	Cubic Meters	11	2059.26	3236.71	4435.40	5634.37	6833.06	8031.75	9230.72
	MCFD	12	79.33	124.69	170.87	217.06	263.24	309.42	355.60
	Cubic Meters	12	2246.44	3530.92	4838.65	6146.64	7454.35	8762.06	10069.77



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BGC 1648			0 PSIG	5 PSIG	10 PSIG	15 PSIG	20 PSIG	25 PSIG
PU-SPM	PU SPM	10" INCHES VACUUM						
MCFD	3	25.90	40.71	55.79	70.87	85.95	101.03	116.11
Cubic Meters	3	733.43	1152.81	1579.84	2006.88	2433.91	2860.94	3287.97
MCFD	4	34.54	54.29	74.39	94.50	114.60	134.71	154.82
Cubic Meters	4	978.09	1537.37	2106.55	2676.02	3245.21	3814.68	4384.15
MCFD	5	43.17	67.86	92.99	118.12	143.26	168.39	193.52
Cubic Meters	5	1222.48	1921.64	2633.26	3344.89	4056.78	4768.42	5480.04
MCFD	6	51.80	81.43	111.59	141.75	171.91	202.07	232.33
Cubic Meters	6	1466.86	2305.91	3159.97	4014.03	4868.10	5722.16	6579.05
MCFD	7	60.44	95.00	130.19	165.37	200.56	235.74	270.93
Cubic Meters	7	1711.52	2690.18	3686.68	4682.90	5679.40	6675.62	7672.11
MCFD	8	69.07	108.57	148.78	189.00	229.21	269.42	309.63
Cubic Meters	8	1955.90	3074.45	4213.11	5352.05	6490.70	7629.36	8758.01
MCFD	9	77.71	122.14	167.38	212.62	257.86	303.10	348.34
Cubic Meters	9	2200.57	3458.72	4739.82	6020.91	7302.00	8583.10	9864.19
MCFD	10	86.34	135.72	185.98	236.25	286.51	336.78	387.04
Cubic Meters	10	2444.95	3843.28	5266.53	6690.06	8113.30	9536.84	10960.08
MCFD	11	94.97	149.29	204.58	259.87	315.16	370.46	424.74
Cubic Meters	11	2689.33	4227.55	5793.24	7358.92	8924.61	10490.58	12027.66
MCFD	12	103.61	162.86	223.18	284.49	343.81	404.13	464.45
Cubic Meters	12	2934.00	4611.82	6319.94	8056.10	9735.91	11444.03	13152.16

BGC 1848			0 PSIG	5 PSIG	10 PSIG	15 PSIG	20 PSIG	25 PSIG
PU-SPM	PU SPM	10" INCHES VACUUM						
MCFD	3	32.78	51.53	70.62	89.70	108.79	127.87	146.96
Cubic Meters	3	928.25	1459.21	1999.80	2540.10	3080.68	3620.89	4161.57
MCFD	4	43.71	68.71	94.15	119.60	145.05	170.49	195.94
Cubic Meters	4	1237.77	1945.71	2666.11	3386.80	4107.48	4827.89	5548.57
MCFD	5	54.64	85.88	117.69	149.50	181.31	213.12	244.93
Cubic Meters	5	1547.28	2431.92	3332.71	4233.50	5134.28	6035.07	6935.85
MCFD	6	65.57	103.06	141.23	179.40	217.58	255.74	292.91
Cubic Meters	6	1856.79	2918.42	3999.31	5080.20	6161.37	7241.97	8294.54
MCFD	7	76.49	120.24	164.77	209.40	253.83	298.37	342.90
Cubic Meters	7	2166.02	3404.92	4665.01	5929.73	7187.88	8449.15	9710.14
MCFD	8	87.42	137.41	188.31	239.20	290.10	340.99	393.88
Cubic Meters	8	2475.53	3891.14	5332.51	6773.59	8214.97	9656.05	11153.78
MCFD	9	98.35	154.59	211.85	269.10	326.36	383.61	440.87
Cubic Meters	9	2785.05	4377.63	5999.11	7620.29	9241.77	10862.95	12484.43
MCFD	10	109.28	171.77	235.38	288.00	362.62	426.24	489.85
Cubic Meters	10	3094.58	4864.13	6665.42	8155.50	10268.57	12070.14	13871.43
MCFD	11	120.20	188.94	258.92	329.90	398.88	468.86	538.84
Cubic Meters	11	3403.79	5350.35	7332.02	9342.01	11295.36	13277.04	15258.71
MCFD	12	131.13	206.12	282.46	358.80	435.14	511.48	587.83
Cubic Meters	12	3713.30	5836.84	7998.62	10160.39	12322.16	14483.94	16645.99