



EGAS UNITS

UNIT	GAS VOLUME mcf/d at various suction pressures ^{(1) (2)}								
	At 60 psi discharge			At 150 psi discharge			At max delta P discharge ^{(3) (4)}		
	Suction			Suction			Suction		
	5 psi	10 psi	15 psi	5 psi	10 psi	15 psi	5 psi	10 psi	15 psi
823 15hp Δ160	34	43	53	30	39	48	29	39	48
823HF 15hp Δ90	50	64	78				48	62	76
828 15hp Δ240	23	29	35	20	26	32	17	23	29
830 30hp Δ380	38	48	58	34	44	55	23	32	41
1030 30hp Δ230	62	78	95	55	72	90	42	57	71
1030HF 50hp Δ235	97	124	150	84	113	140	67	88	110
1035 50hp Δ320	62	78	95	55	72	90	41	55	69
1035HF 75hp Δ320	97	124	150	87	113	140	64	86	108
1235 50hp Δ220	89	114	138	81	105	129	66	87	107
1235HF 50hp Δ220	120	154	187	92	122	154	76	99	124
1835 50hp Δ65	229	309	399				241	304	367
1845 75hp Δ160	223	284	346				162	208	258
1845HF 100hp Δ160	265	343	417	187	251	318	210	272	332
2245 75hp Δ100	336	427	519				277	353	431
2245HF 100hp Δ100	406	516	629				336	427	523
HIGH DISCHARGE PRESSURES AND GAS VOLUMES EXAMPLES									
	At 150 psi discharge			At 250 psi discharge			At max delta P discharge ^{(3) (4)}		
	Suction			Suction			Suction		
	50 psi	75 psi	100 psi	100 psi	125 psi	150 psi	120 psi	135 psi	150 psi
1035HF 75hp Δ320	327	459	593	555	714	848	572	639	706
1235HF 50hp Δ220	410	576	742	600	830	1,060	618	689	759
1845HF 100hp Δ160	908	1,286	1,646		1,695	2,013	1,625	1,819	1,996
2245HF 100hp Δ100		1,643	2,243				2,473	2,755	3,038

- (1) At higher suction pressures, the gas volume capacity increases.
- (2) Installing parallel units will increase gas volumes.
- (3) Max Delta P discharge gas rates for models 830 and higher, are calculated at 80% of delta or below (Green Section Discharge Pressure = Max Delta P rating for unit X 0.8 + suction pressure). Lower suction pressures and/or higher gas volumes can be achieved operating units at max pressures and speeds.
- (4) Installing units in series (two or three stage) will increase delta P. Coolers may be required.
- (5) Custom units to meet pressures and volumes can be designed and manufactured.
- (6) Contact IJACK for a simulation based on a specific application.