

EGAS Wet Casing Gas Compressor

- Lower casing pressures as low as 0 psi / kPa.
- Maximize production inflow.
- Eliminate venting and flaring.
- Handle gas and associated liquids without scrubbers, blow cases, etc.
- 100% turndown capability with no recirculation required, lowering power consumption, and generating less heat.
- Parallel EGAS units increase volume and/or in series increase pressure differentials.
- Fully automated unit requiring minimal supervision.
- Install in under 2 hours with 12 – 18 months onsite maintenance intervals.
- +99% runtime and all service done on site in a matter of hours.

EGAS Model	823	828	830	1030	1035	1235	1260	1645	1660	1835	1845	1860	2245	2260	3270	4070	
ΔP (1)	160	240	380	230	320	220	600	195	320	65	160	270	100	180	100	75	psi
	1103	1655	2620	1586	2206	1517	4137	1344	2206	448	1103	1862	689	1241	689	517	kPa
Max Discharge	740 (2)							400 (2)									psi
	5102							2758									kPa
HP (3)	15	15	30	30	30	30	125	75	125	30	75	125	75	125	100	350	hp std
			50	75	75			100	150	50	100	150	100	150			hp max
Max Discharge Temp	200			150 (4)													°C
	Max Liquid Equivalent Capacity (5)																
	748	500	1,294	2,114	2,114	3,107	2,401	4,614	4,395	6,217	5,887	5,607	8,872	8,450	15,166	23,720	m ³ /d
	Gas Volumes (6)																
Pd 80% Delta P (7)	160	240	304	184	256	176	480	156	256	52	128	216	80	144	80	60	psi
Inlet @ 100 psi	5.89	3.87	7.50	16.60	16.32	24.50	16.60	36.50	34.00		46.50	43.80		67.00			e3m ³ /d
Inlet @ 50 psi	3.22	2.08	3.36	9.10	8.90	13.40	7.84	20.00	18.40	28.00	25.70	23.80	39.40	37.00	67.50	106.00	e3m ³ /d
Inlet @ 25 psi	1.90	1.19	1.78	4.83	4.95	7.65	4.06	11.90	10.41	16.90	15.20	12.90	23.80	20.60	40.50	64.00	e3m ³ /d
Inlet @ 10 psi	1.09	0.66	0.93	2.65	2.66	4.15	1.97	6.55	5.60	9.70	8.20	6.95	14.20	11.15	24.50	39.00	e3m ³ /d
Inlet @ 5 psi	0.82	0.48	0.67	1.97	1.95	3.10	1.29	4.86	4.07	7.15	6.15	5.13	10.60	8.30	19.10	30.50	e3m ³ /d
Inlet @ 0 psi	0.55	0.30	0.41	1.31	1.25	2.08	0.63	3.30	2.61	4.90	4.20	3.37	7.25	5.63	13.70	22.10	e3m ³ /d

(1) Pressure differentials can be increased up to 740 psi by setting units in series (for ANSI 300 / 740 psi Units)

(2) Optional ANSI 300 - 740 psi MAWP and ANSI 600 - 1480 psi MAWP.

(3) Lower HP motors can be used on some applications if required.

(4) Higher discharge temperature options also available and/or coolers can also be added.

(5) Volumes can be increased by setting units in parallel

(6) Units can handle higher volumes at lower discharge pressures.

(7) For calculating gas volumes, discharge pressure was set at 80% of delta P, except for the 823 and 828 models which are at 100% delta P. Volumes will increase or decrease depending on discharge pressure.

IJACK will be happy to simulate your specific application. Find the latest table updates at www.myijack.com

WHEN TO USE AN IJACK EGAS WET CASING GAS COMPRESSOR

Applications and Benefits:

The ideal application for casing gas compression are wells close to or at pumped off state and/or have low formation pressure. Relieving the casing pressure will maximize inflow.

- **Lower Casing Pressures on a single well, pad or gas sales line.**
 - Lower casing pressure may increase inflow from the formation and increase fluid levels.

- **Close vents and transfer 100% of the casing gas to the production flowline.**
 - Eliminate venting to atmosphere.
 - Recover valuable condensates.
 - Process gas at a facility and generate new revenue.

- **Eliminate flaring.**
 - Process gas at a facility and generate new revenue.