

# IJACK DGAS

## BEAM CASING GAS COMPRESSOR

RELIEVE PRESSURE | PRODUCE MORE | SLOW WELL DECLINE  
ELIMINATE VENTING AND EMISSIONS | OPTIMIZE PERFORMANCE



**IJACK DGAS** IS A PRACTICAL AND ECONOMICAL SOLUTION FOR PUMPED OFF / LOW PRESSURE WELLS. BEAM MOUNTED CASING GAS COMPRESSION RELIEVES CASING PRESSURE AND MAXIMIZES PRODUCTION, WHILE ELIMINATING EMISSIONS.

**A SIMPLE AND EFFECTIVE SOLUTION**

- 1. Emissions Reduction:** IJACK DGAS effectively eliminates or significantly reduces emissions, promoting a greener and more sustainable energy production process.
- 2. Enhanced Production:** By lowering casing pressures, IJACK DGAS can improve formation inflow, boosting overall production and prolonging the life of your wells.
- 3. Lower Casing Pressure:** IJACK DGAS can maintain casing pressures as low as 5 psi, ensuring optimal well performance.
- 4. Fluid Capture and Recirculation:** Our system captures fluids and automatically returns them down the casing.
- 5. Easy Installation:** The bolt-on system design of IJACK DGAS eliminates the need for welding or hot work, reducing setup time and costs.
- 6. Versatile Discharge:** IJACK DGAS offers the flexibility to discharge into emulsion or gas sales lines, allowing seamless integration into your existing production infrastructure.
- 7. Minimal Downtime:** Experience fewer maintenance intervals and limited downtime with IJACK DGAS, ensuring your operations remain productive and efficient.
- 8. Local Field Serviceability:** DGAS can be easily serviced and maintained on location by local service crews, saving time and costs associated with extensive repairs.

**INCREASE PRODUCTION WITH TRADITIONAL DGAS OR DGAS-T SERIES**

IJACK DGAS beam mounted casing gas compression system is engineered to bolt onto the walking beam of a conventional pumping unit and is compatible with most pumpjack models. IJACK offers two DGAS systems to suit your needs. The traditional **DGAS** system consists of a dual acting compressor cylinder and a scrubber, connected by an interchangeable spool specific to your pumpjack model. The **DGAS-T** series consists of a dual-action compressor cylinder and an inline fluids drainage system. Both systems effectively remove casing gas from the annulus and transfer it to a flowline, enabling unrestricted reservoir inflow and potentially increasing production. The best part? **No external power source is required.**

Casing gas compressors excel on wells close to or at a pumped-off state and those with low formation pressure. By relieving the casing pressure, the goal is to increase fluid levels and produce more.

**STANDARD FEATURES**

- Optimized geometry allows custom cylinder stroke length targeting well output.
- Securely mounted pressure and suction lines minimize wear and tear and allow hoses to be positioned safely.
- Premium components ensure durability and performance.
- Multiple wells can be tied into one DGAS unit.
- Compact footprint.
- 1-2 hour typical install time.
- Standard packages for enhanced ease of operation include: Auto-Drain, High Level Shutdown and tie-down kits.

**VARIOUS STANDARD DGAS MODELS TO FIT YOUR APPLICATION.  
CUSTOM DESIGNS AVAILABLE BY SPECIAL ORDER.**

DGAS Model (1)	518	630	644	660	830	836	844	860	1023		
$\Delta p$	325		400				225			135	psi kPa
	2241		2758				1551			931	
<b>Max Discharge</b>	400									psi	
	2758									kPa	
<b>Max Discharge Temp</b>	120 / 250									°C / °F	
Max Gas Volumes @ 5 SPM											
<b>Intake @ 50 psi</b>	0.28	0.74	1.08	1.47	1.37	1.64	2.00	2.73	1.67	e3m3/d	
	9.9	26.1	38.1	51.9	48.4	57.9	70.6	96.4	58.8	Mscfd	
<b>Intake @ 25 psi</b>	0.17	0.45	0.66	0.90	0.84	1.00	1.23	1.67	1.02	e3m3/d	
	6.0	15.9	23.3	31.8	29.7	35.3	43.4	59.0	36.1	Mscfd	
<b>Intake @ 10 psi</b>	0.10	0.28	0.41	0.56	0.52	0.62	0.76	1.04	0.64	e3m3/d	
	3.5	9.9	14.5	19.8	18.4	21.9	26.8	36.7	22.4	Mscfd	
<b>Intake @ 5 psi</b>	0.08	0.22	0.33	0.45	0.41	0.50	0.61	0.83	0.50	e3m3/d	
	2.8	7.8	11.7	15.9	14.5	17.7	21.5	29.3	17.8	Mscfd	

(1) Custom models to fit pumpjacks or casing gas volume requirements can be manufactured  
DGAS units can be installed on 80 size pumpjacks and larger with a minimum 36" stroke length  
Find the latest table updates at [www.myijack.com](http://www.myijack.com)



**Get In Touch**

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