



ACEC JGQ/2 Two-Stage Booster Compressor



Specifications

Skid:	Three-runner, A-36, wide flanged oil field skid with 6" lifting pipes at each end with bump pipe at front of unit. Approximately 140" long, 96" wide, and 100" tall, 15,000# complete. Containment skid available.	
Air Booster:	Ariel JGQ/2: Two-throw, two-stage, horizontally-opposed configuration. Direct drive with 1,800 RPM input speed, air-cooled, and pressure lubricated.	
Air Booster Engine:	Caterpillar C-11: 6-cylinder, 4-cycle, 11-liter, electronically controlled diesel engine rated at 350 BHP @ 1,800 RPM. 24V starter and alternator, SAE #1 flywheel and housing with TB Woods Form-Flex coupling.	
Cooling System:	Air cooled tube/fin type heat exchanger with engine driven fan for engine coolant. Tube/fin type cooler for compressor pre-cooler, intercooler and after-cooler. ASME coded, optional hydraulic driven fan available.	
Control Panel:	ACEC designed and fabricated stainless steel, weather tight, vibration isolated control panel with first out annunciator panel and Murphy Power View electronic engine display module.	
Paint:	Painted using PPG's AUE-360, 2-component high solids polyurethane paint offering excellent exterior durability, mar & chemical resistance, QUV resistance, a high film build capability, and in customer's choice of color.	
Compressor Capacity/ Operating Conditions:	Inlet Pressure:	175 - 500 PSIG
	Inlet Temperature:	120° F
	Discharge Pressure:	2500 PSIG Maximum
	Compressor Rated Brake Horsepower:	280 bhp
	Engine Output Speed:	1800 RPM
	Booster Input Speed:	1800 RPM
	Flow Capacity:	900 - 1,500 SCFM (dependant on suction pressure and RPM)
	Max Ambient Operating Temp:	125° F
	Max Operating Elevation:	8,000 FEET



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