



**SPECIFICATION JOB #40167**

Compressor

Compressor type.....	Horizontally opposed, balanced reciprocating, lubricated type w/distance piece & vented crankcase.
Maker/Model.....	Ariel - Frame Type JGQ/2
Capacity @ rated psig induction.....	451 scfm @ 32 PSI
Induction Pressure Range.....	25-35 PSI
Maximum Delivery Pressure.....	4545 psig
Speed.....	1800 rpm
Stroke.....	3.00 inches
Number of Stages.....	4
Number of Cylinders.....	4
Pressure Relief Valves.....	Per stage on the discharge piping
Oil Sump Capacity.....	2-1/2 Gallons
Oil.....	ROYCO 889 ISO Synth
Drive Method.....	Direct-drive though rigid coupling
Compressor Lubrication	
Crankcase.....	Pressurized lube with pump & remote cooler
Force Feed Injector Pump.....	Included on compressor-Chain drive

Driver

Prime Mover.....	TEFC AC Electric Motor
Maker / Model.....	ABB / 200 HP
Motor Specification	
Rated Speed.....	1800 RPM
Rated Voltage.....	460 Volts / 60 Hz
Rated Horsepower.....	200 bhp
Service Factor.....	1.15
Classification.....	CLASS 1 DIV 2
Motor Starting Method.....	Off-skid Soft Starter



**SPECIFICATION (Cont.)**

Package

Dimensions

Length.....21 feet 0 inch

Width.....8 feet 4 inch

Height.....11 feet 1 inch

Weight .....approximately 20,000 pounds

Ambient Temperature Range.....-10 to 110 deg. F

Gas Cooling

Method.....Forced air utilizing 42 inch fan

Inter-stage Cooling.....Yes

After Cooling.....Yes

Gas Filtration

Particulate Filters.....Yes – Inlet filtration

Coalescing Filters.....Yes – Inter-stage and discharge  
filtration

Captive Recovery Tank.....Provided - To allow periodic  
unloading of each compressor  
stage and to allow unloaded  
re-start