



SPECIFICATION JOB #40436

Compressor

Compressor type.....	Horizontally opposed, balanced reciprocating, lubricated type w/distance piece & vented crankcase.
Maker/Model.....	Ariel - Frame Type JGP/2
Capacity @ rated psig inlet.....	416 scfm @ 20 psig
Inlet Pressure Range.....	27 psig
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.....	BALDOR / 125 HP
Motor Specification	
Rated Speed.....	1800 RPM
Rated Voltage.....	460 Volts / 60 Hz
Rated Horsepower.....	125 bhp
Service Factor.....	1.15
Classification.....	CLASS 1 DIV 2
Motor Starting Method.....	Off-skid Soft Starter



SPECIFICATION (Cont.)

Package

Dimensions

Length.....12 feet 0 inch

Width.....7 feet 4 inch

Height.....8 feet 5 inch

Weightapproximately 15,000 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