

**GAS COMPRESSOR**

**UNIT: CB409**

**PERFORMANCE**

Base Horsepower	860 HP
Packager	Enerflex
Year Built	2005
Suction Pressure (typical range) *	50 – 150 PSI (345 – 1035 kPa)
Discharge Pressure (maximum) *	1350 PSI (9308 kPa)
Flow Rate (typical range) *	3 – 6 mmscfd
Gas Source	Sweet
<i>*Performance is subject to confirmation on site specific process conditions</i>	

**MAJOR EQUIPMENT**

Gas Compressor	Included

**DRIVER**

Style	Gas, CAT 3512 TA-LE
Rating	860 HP
Output (RPM)	1800 RPM

**COMPRESSOR**

Make	Ariel
Model	JGE/4
Throws	4
Stages	2/3
Stroke	4.5"
Rated RPM	1800 RPM
Distance Pieces	



**CYLINDERS**

Model	Bore	MAWP	Class	Serial Number
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Cylinder 1	8.375 ET	8.375"	800 PSIG	ET	C69380
Cylinder 2	8.375 ET	8.375"	800 PSIG	ET	C69381
Cylinder 3	5.5 ET	5.50"	1725 PSIG	ET	C69382
Cylinder 4	5.5 ET	5.50"	1725 PSIG	ET	C69383

**COOLER**

Make	ACE
Model	E-132
Louvres	Auto
Fan Drive (electric/jackshaft)	

Section	CRN	Serial Number	MAWP	Temp	RT	HT
Engine Jacket			14 PSIG	-20/350°F		
Inter-Cooler			1292 PSIG	-20/350°F		
Inter-Cooler			1650 PSIG	-20/350°F		
After-Cooler			1650 PSIG	-20/350°F		

**SCRUBBERS**

	CRN	Serial Number	MAWP	Temp	RT	HT
Stage 1 Suction	T2806.213	040909.01	1315 PSIG	-20/300°F		
Stage 2 Suction	T0576.213	040909.03	1100 PSIG	-20/300°F		
Stage 3 Suction	T0576.213	040909.04	1600 PSIG	-20/300°F		

**PULSATION**

	Manuf.	CRN	Serial Number	MAWP	Temp	RT HT
N/A						

**PSV's**

	Set Pressure	Size
Stage 1 Disch.	800 PSIG	2.5" 600# x 4" 150#
Stage 2 Disch.	1600 PSIG	1.5 900# x 2.5" 300#

**CONTROL VALVES**

	Make	Model	Size	Trim

Auto bypass	TBC			
Dump Valve				
Recycle				
Blowdown				

**CONTROL PANEL**

Make	Spartan
Model	Remvue 500
HMI / PLC	

**END DEVICES**

	Quantity
LEL Detection	TBC
H2S Detection	TBC
Fire Detection	TBC

**SKID CONNECTIONS**

Suction Inlet Flange	6" 600#
Discharge Flange	6" 900#
Flare	6" 150#
Drain	1.5 NPT

**DRAIN TANK**

Capacity	TBC
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**SHIPPING DIMENSIONS (MAIN SKID)**

Width	12' (3.66m)
Length	53' (16.16m)
Height	16' (4.88m)
Weight Estimate (dry)	121,000 lbs (55,272 kg)

**CERTIFICATION**

Vessel	ASME Sec. VIII Div. 1
Piping	ASME B31.3
Province(s) of Registration	AB, BC
Area Classification	Class 1 Zone 2