

**GAS COMPRESSOR**

**UNIT: CB55**

**PERFORMANCE**

Base Horsepower	400 HP
Packager	Enerflex
Year Built	2005
Suction Pressure (typical range) *	50 -100 psi (345 – 690 kPa)
Discharge Pressure (maximum) *	1100 psi (7500 kpa kPa)
Flow Rate (typical range) *	1.0-2.5 mmscfd
Gas Source	Sour
<i>*Performance is subject to confirmation on site specific process conditions</i>	

**MAJOR EQUIPMENT**

Gas Compressor	Included
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**DRIVER**

Style	Gas, Waukesha F18GL
Rating	400 HP
Output (RPM)	1800 RPM
Serial #	C-15880/2



**COMPRESSOR**

Make	Ariel
Model	JGA/4
Throws	3
Stages	3
Stroke	3"
Rated RPM	1800 RPM
Distance Pieces	S2C
Serial #	F-22320



**CYLINDERS**

	Model	Bore	MAWP	Class	Serial Number
Cylinder 1	JG	7.5"	600 PSIG		
Cylinder 2	JG	6.125"	635 PSIG		
Cylinder 3	JG	4.125"	1270 PSIG		

**COOLER**

Make	Air-X-C
Model	93 AVI
Louvres	Manual
Fan Drive (electric/jackshaft)	Jackshaft

Section	CRN	Serial Number	MAWP	Temp	RT	HT
Engine Jacket			15 PSIG	-20/300F		
Inter-Cooler	P6597.2	8519.3	645 PSIG	-20/350F		
Inter-Cooler	P6258.2	8519.4	1292 PSIG	-20/300F		
After Cooler	R0104.2	8519.5	1440 PSIG	-20/300F		

**SCRUBBERS**

	Size	CRN	Serial Number	MAWP	Temp	RT	HT
Stage 1 Suction			050949-01	1000 PSI	150F		
Stage 2 Suction			050949-01	1000 PSI	150F		
Stage 3 Suction			05034	1292 PSI	350F		

**PULSATION**

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

**PSV's**

	Set Pressure	Size
Stage 1 Disch.	600 PSI	
Stage 2 Disch.	635 PSI	
Stage 3 Disch.	1270 PSI	

**CONTROL VALVES**

	Make	Model	Size	Trim
Auto bypass				
Dump Valve				

Recycle				
Suction				

**CONTROL PANEL**

Make	Enerflex
Model	RC-200
HMI / PLC	

**END DEVICES**

	Quantity
LEL Detection	Net Safety x 1
H2S Detection	
Fire Detection	Net Safety x 1

**SKID CONNECTIONS**

Suction Inlet Flange	6" 600#
Discharge Flange	2" 600#
Flare	3" 150#
Drain	

**DRAIN TANK**

Capacity	In Skid
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**SHIPPING DIMENSIONS**

Width	14' 0"
Length	31' 3"
Height	20'
Weight Estimate (dry)	18,135 kg (39,900 lbs)

**CERTIFICATION**

Vessel	
Piping	
Province(s) of Registration	
Area Classification	
Service	Sour