

**GAS COMPRESSOR**

**UNIT: CB30**

**PERFORMANCE**

Base Horsepower	860 HP
Packager	Enerflex
Year Built	2008
Suction Pressure (typical range) *	75 – 120 psi (515 – 825 kPa)
Discharge Pressure (maximum) *	1350 psi (9308 kPa)
Flow Rate (typical range) *	4 – 6 mmscfd
Gas Source	Sour, and dry
<i>*Performance is subject to confirmation on site specific process conditions</i>	

**MAJOR EQUIPMENT**

Gas Compressor	Included

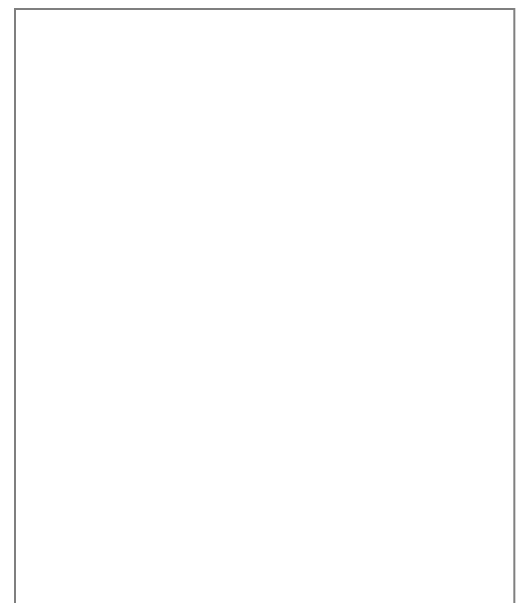
**DRIVER**

Style	Gas, CAT 3512 TALE
Rating	860 HP
Output (RPM)	1200 RPM



**COMPRESSOR**

Make	Ariel
Model	JGE/4
Throws	4
Stages	2
Stroke	4.5"
Rated RPM	1500 RPM
Distance Pieces	



**CYLINDERS**

	Model	Bore	MAWP	Class	Serial Number
Cylinder 1	4.625 ET	4.625"	2600 PSIG	ET	C95314
Cylinder 2	9.25 ET	9.25"	635 PSIG	ET	C95315
Cylinder 3	4.625 ET	4.62"	2600 PSIG	ET	C95316
Cylinder 4	9.25 ET	9.25"	635 PSIG	ET	C95317

**COOLER**

Make	AXC Harsco
Model	120EH-88-18
Louvres	Auto
Fan Drive (electric/jackshaft)	Jackshaft

Section	CRN	Serial Number	MAWP	Temp	RT	HT
Engine Jacket						
Inter-Cooler			645 PSIG	-20/350°F	Yes	Yes
After-Cooler			1440 PSIG	-20/350°F	Yes	Yes

**SCRUBBERS**

	CRN	Serial Number	MAWP	Temp	RT	HT
Stage 1 Suction	U3183.21	070528-01	655 PSIG	-20/300°F	Yes	Yes
Stage 2 Suction	U3184.21	070528-02	655 PSIG	-20/300°F	Yes	Yes

**PULSATION**

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

**PSV's**

	Set Pressure	Size
Stage 1 Disch.	635 PSIG	1.5" 300 X 3" 150
Stage 2 Disch.	1440 PSIG	1.5" 900 X 2.5" 150

**CONTROL VALVES**

	Make	Model	Size	Trim
Auto bypass	TBC			

Dump Valve				
Recycle				
Blowdown				

**CONTROL PANEL**

Make	TBC
Model	
HMI / PLC	

**END DEVICES**

	<b>Quantity</b>
LEL Detection	TBC
H2S Detection	TBC
Fire Detection	TBC

**SKID CONNECTIONS**

Suction Inlet Flange	6" 300#
Discharge Flange	4" 900#
Flare	
Drain	2" 150#

**DRAIN TANK**

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

Width	7163 mm (23' – 6")
Length	10744 mm (35' – 3")
Height	5672 mm (18' – 8")
Weight Estimate (dry)	54,016 kg (118,835 lbs)

**SHIPPING DIMENSIONS (COOLER)**

Width	5817 mm (19' – 1")
Length	3568mm (11' – 9")
Height	4,695 mm (15' – 5")
Weight Estimate (dry)	9125 kg (20,075 lbs)

**CERTIFICATION**

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