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EQUIPMENT SPECIFICATION SHEET

GAS COMPRESSOR

UNIT: CB31

PERFORMANCE

Base Horsepower	95 HP
Packager	Enerflex
Year Built	1992
Suction Pressure (typical range) *	25 -75 psi (172 – 517 kPa)
Discharge Pressure (maximum) *	1000 psi (6897 kPa)
Flow Rate (typical range) *	0.25 – 0.60 mmscfd
Gas Source	Sweet, and dry
**Performance is subject to confirmation on site specific process conditions*	

MAJOR EQUIPMENT

Gas Compressor	Included



DRIVER

Style	Gas, CAT 3304NA
Rating	95 HP
Output (RPM)	1800 RPM
Serial #	N4F00482

COMPRESSOR

Make	Ariel
Model	JGP/2
Throws	2
Stages	2
Stroke	3”
Rated RPM	1800 RPM
Distance Pieces	STD
Serial #	F-8121



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CYLINDERS

	Model	Bore	MAWP	Class	Serial Number
Cylinder 1	5 1/8JG	5.125”	865 PSIG	JG	C-60917
Cylinder 2	2.500 M	2.500	1440 PSIG	JG	C-11511

COOLER

Make	Air-X-Changer
Model	42EH
Louvres	Manual
Fan Drive (electric/jackshaft)	Jackshaft

Section	CRN	Serial Number	MAWP	Temp	RT	HT
Engine Jacket		778821.1	15 PSIG	-20/300°F		
Inter-Cooler	E9050.1	778821.2	1350 PSIG	-20/325°F		
After-Cooler	E9050.1	778821.3	1350 PSIG	-20/325°F		

SCRUBBERS

	Size	CRN	Serial Number	MAWP	Temp	RT	HT
Stage 1 Suction	8” x 64” S/S	K5518.1	81066-01	700 PSIG	-20/150°F	RT-2	
Stage 2 Suction	8” x 62” S/S	K6490.2	91066-02	1315 PSIG	-20/300°F	RT-2	

PULSATION

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

PSV’s

	Set Pressure	Size
Stage 1 Disch.		
Stage 2 Disch.		

CONTROL VALVES

	Make	Model	Size	Trim
Auto bypass				
Dump Valve	Fisher		1” NPT	
Recycle	FIsher	D	1: NPT	
Suction	Fisher	D	2” CL600	.500 Trim

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CONTROL PANEL

Make	Altronic
Model	Pneumatic
HMI / PLC	Annohciator

END DEVICES

	Quantity
LEL Detection	Yes
H2S Detection	Yes
Fire Detection	Yes

SKID CONNECTIONS

Suction Inlet Flange	
Discharge Flange	
Flare	
Drain	

DRAIN TANK

Capacity	In Skid

SHIPPING DIMENSIONS

Width	12’ 6”
Length	21’ 0”
Height	17’ 6”
Weight Estimate (dry)	TBC

CERTIFICATION

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