

GAS COMPRESSOR

UNIT: CB904

PERFORMANCE

Base Horsepower	1024 HP
Packager	Enerflex
Year Built	2017
Suction Pressure (typical range) *	75 – 175 PSI (515 - 1200 kPa)
Discharge Pressure (maximum) *	1200 PSI (8275 kPa)
Flow Rate (typical range) *	4-8 mmscfd
Gas Source	Sweet
<i>*Performance is subject to confirmation on site specific process conditions</i>	

MAJOR EQUIPMENT

Gas Compressor	Included



DRIVER

Style	Waukeshau L7042GU
Rating	1024 HP
Output (RPM)	1200 RPM

COMPRESSOR

Make	Ariel
Model	JGH/4
Throws	4
Stages	2/3
Stroke	4.5"
Rated RPM	1200 RPM
Distance Pieces	

CYLINDERS

	Model	Bore	MAWP	Class	Serial Number
Cylinder 1	8.375 ET	8.375"	800 PSIG	E	C52533
Cylinder 2	8.375 ET	8.375"	800 PSIG	E	C52529
Cylinder 3	5.125 ET	5.125"	1500 PSIG	H	C22916
Cylinder 4	5.5 ET	5.50"	1725 PSIG	E	C52536

COOLER

Make	AXH
Model	
Louvres	Auto
Fan Drive (electric/jackshaft)	

Section	CRN	Serial Number	MAWP	Temp	RT	HT
Engine Jacket			150 PSI	-20/300°F		
Inter-Cooler	U6379.213	174899.1	1310 PSI	-20/300°F		
After-Cooler	Y4478.213	174899.2	1932 PSI	-20/300°F		

SCRUBBERS

	CRN	Serial Number	MAWP	Temp	RT	HT
Stage 1 Suction	M7764.2	UC94V-012	655 PSIG	-20/300°F		
Stage 2 Suction			655 PSIG	-20/300°F		

PULSATION

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

PSV's

	Set Pressure	Size
Stage 1 Disch.	655 PSIG	1.5 300# x 3 150#
Stage 2 Disch.	1440 PSIG	1.5 300# x 2.5 150#

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	4" 900#
Flare	4" 150#
Drain	2" 150#

DRAIN TANK

Capacity	TBC
----------	-----

SHIPPING DIMENSIONS (MAIN SKID)

Width	10' 1" (3.05m)
Length	39' 2" (11.9m)
Height	14'8"(4.47m)
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



EQUIPMENT SPECIFICATION SHEET