

GAS COMPRESSOR

UNIT: CB306

PERFORMANCE

Base Horsepower	1065 HP
Packager	Enerflex
Year Built	2004
Suction Pressure (typical range) *	50 – 150 PSI (345 - 1035 kPa)
Discharge Pressure (maximum) *	1200 PSI (8275 kPa)
Flow Rate (typical range) *	3-7 mmscfd
Gas Source	Sweet
<i>*Performance is subject to confirmation on site specific process conditions</i>	

MAJOR EQUIPMENT

Gas Compressor	Included

DRIVER

Style	Waukeschau P48GI
Rating	1065 HP
Output (RPM)	1800 RPM



COMPRESSOR

Make	Ariel
Model	JGJ/4
Throws	4
Stages	2/3
Stroke	3.5"
Rated RPM	1800 RPM
Distance Pieces	

CYLINDERS

	Model	Bore	MAWP	Class	Serial Number
Cylinder 1	11.5 RJ	11.5"	500 PSIG	RJ	
Cylinder 2	11.5 RJ	11.5"	500 PSIG	RJ	
Cylinder 3	8.375 RJ	8.375"	800 PSIG	RJ	
Cylinder 4	5.5 RJ	5.50"	1725 PSIG	RJ	

COOLER

Make	ACE
Model	E120S
Louvres	Auto
Fan Drive (electric/jackshaft)	

Section	CRN	Serial Number	MAWP	Temp	RT	HT
Engine Jacket						
Inter-Cooler 1		03578-2	645 PSI	-20/350°F		
Inter-Cooler 2		03578-3	1292 PSI	-20/350°F		
After-Cooler		03578-4	1650 PSI	-20/350°F		

SCRUBBERS

	CRN	Serial Number	MAWP	Temp	RT	HT
Stage 1 Suction	P0454.213	010288-01	740 PSIG	-20/300°F		
Stage 2 Suction	R6032.213	030651-03	1100 PSIG	-20/300°F		
Stage 3 Suction	R6032.213	030651-04	1100 PSIG	-20/300°F		

PULSATION

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

PSV's

	Set Pressure	Size
Stage 1 Disch.	500 PSIG	3" x 4"
Stage 2 Disch.	800 PSIG	2" x 3"
Stage 3 Disch.	1650 PSIG	2" x 3"

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	8" 300#
Discharge Flange	3" 900#
Flare	6" 150#
Drain	

DRAIN TANK

Capacity	TBC
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SHIPPING DIMENSIONS

Width	Trailer Unit
Length	
Height	
Weight Estimate (dry)	

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