

**GAS COMPRESSOR**

**UNIT: CB15**

**PERFORMANCE**

Base Horsepower	1025 HP
Packager	Enerflex
Year Built	2007

**DRIVER**

Style	Field Gas
Make	Waukesha
Model	7042G
Serial Number	
Cylinders	12
Frame	N/A
Output (RPM)	1200 RPM
Phases	N/A
Voltage	N/A
Frequency	N/A



**COMPRESSOR**

Make	Worthington
Model	OP5HU
Serial Number	WHO 4084855
Rated HP	1000HP
Throws	4
Stages	2
Rated RPM	1200 RPM
Distance Pieces	Sweet



**CYLINDERS**

	Size	Bore	MAWP	Class	Serial Number
Cylinder 1		5 in	13,790 kPa 2000 psi	89	L97338
Cylinder 2		8.5 in	9,515 kPa 1380 psi	89	Y6C122
Cylinder 3		5 in	13,790 kPa 2000 psi	89	A10889
Cylinder 4		8.5 in	9,515 kPa 1380 psi	89	Y6C123

**COOLER**

Make	FINX
Model	COILS
Fan Size	TBD
Fan Model	TBD
Louvres	TBD
Fan Drive (electric/jackshaft)	TBD

Section	Make	CRN	Serial Number	MAWP	Temp	RT HT	
Inter-Cooler	FINX	L4859.2	J645.1	1,315 psi	300°F		
After Cooler	FINX	L8858.2	J645.2	1,315 psi	300°F		
Section	MFG	Job #	Ser #	Passes	MAWP	Temp	Dwg #
Jacket Water	O&M	106366	128026	1	150 psi	300°F	10765
Auxiliary Water	O&M	106366	128026	2	150 psi	300°F	10765

**SCRUBBERS**

	Manuf.	CRN	Serial Number	MAWP	Temp	RT HT
Stage 1 Suction	Enerflex	L-7874.2	TBD	9066 kPa	148°C	
Stage 2 Suction	Enerflex	L-7874.2	TBD	9066 kPa	148°C	

**PULSATION**

	Manuf.	CRN	Serial Number	MAWP	Temp	RT HT
Stage 1 Suction	TBD	L7860.2	W23745-99	9,067 kPa (1,315 psi)	149°C (300°F)	
Stage 1 Disch.	TBD	L7862.2	W23746-99	9,067 kPa (1,315 psi)	149°C (300°F)	
Stage 2 Suction	TBD	L7863.2	W23750-99	9,067 kPa (1,315 psi)	149°C (300°F)	
Stage 2 Disch.	TBD	L7654.2	23747-99	9,067 kPa (1,315 psi)	149°C (300°F)	

**PSV's**

	Manufacturer	Model	Serial Number	Set Pressure	Size
Stage 1 Disch.	Mercer	91-29F11T23U1	TBD	1,250 psi	1 x 2 F Orifice
Stage 2 Disch.	Farris	38FC13-120	TBD	1,315 psi	1 x 2 F Orifice

**VALVES**

	Make	Model	Serial Number	Size	Trim
Suction Control	Fisher			4 in	Size 40

Disch Control.	N/A	N/A	N/A	N/A	
Bypass Control	N/A	N/A	N/A	N/A	
Recycle	Fisher	D Body, 657		1 in	
Blowdown	Norriseal	2275		1 in	¼ in

**END DEVICES**

	Quantity	Make	Model
LEL Detection	2	Net Safety	SC210A-100-assy
H2S Detection	N/A		
Fire Detection	Fusible Link		
Beacons	N/A		

**CONNECTIONS**

Suction Inlet Flange	6" CL600
Discharge Flange	3" CL600
Fuel Gas	2" CL600
Start Gas	
Instrument Air	N/A
Flare	4" CL150

**SHIPPING DIMENSIONS**

Width	9' – 9 ¾" (2.99 m)
Length	41' – 7" (12.67 m)
Height	11' – 7" (3.53 m)
Weight Estimate (dry)	87,325 lbs (39610 kg)

**CERTIFICATION**

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

**CONTROL PANEL**

Make	Spartan Controls
Model	REMVue-500/S
Serial Number	RM-15243-AA (1)
HMI / PLC	

**NOISE ATTENUATION**

Muffler Style	Hospital Grade II
Sound Power Levels	N/A