

GAS COMPRESSOR

UNIT: CB14

PERFORMANCE

Base Horsepower	1000 HP
Packager	Collicutt
Year Built	2005

DRIVER

Style	Natural Gas
Make	Waukesha
Model	P48GL
Serial Number	C-15729/1
Cylinders	6
Output (RPM)	1800 rpm
Phases	3
Voltage	460 V
Frequency	60 Hz



COMPRESSOR

Make	Ariel
Model	JGJ/6
Serial Number	F-21287
Rated HP	1860
Throws	6
Stages	4
Rated RPM	1800 rpm
Distance Pieces	STD



CYLINDERS

	Size	Bore	MAWP	Class	Serial Number
Stage 1 (x2)	17-1/4RJ	17.25"	230 psi	RJ	C-71023 / C-71022
Stage 2 (x2)	9-3/4RJ	9.25"	635 psi	RJ	C-71024 / C-71025
Stage 3	8-3/8RJ	8.375"	800 psi	RJ	C-71026
Stage 4	5-1/2RJ	5.125"	1725 psi	RJ	C-71027

COOLER

Make	ACE
Model	E144
Fan Size	12" diameter 7 blade
Pitch	10 Degrees
Fan Model	Moore 10000 60 HDVT
Louvres	Amarillo Chittom
Fan Drive (electric/jackshaft)	50 HP 1800 rpm 460/3/60 Electric

Section	Make	CRN	Serial Number	MAWP	Temp	RT HT
Inter-Cooler 1	ACE	T2065.23	0512201-4	200 psi	-20/350F	TBD
Inter-Cooler 2	ACE	T2066.23	0512201-3	300 psi	-20/350F	TBD
Inter-Cooler 3	ACE	T2067.23	0512201-2	635 psi	-20/350F	TBD
After Cooler	ACE	T2068.23	0512201-1	1292 psi	-20/350F	TBD

SCRUBBERS

	Manuf.	CRN	Serial Number	MAWP	Temp	RT HT
Stage 1/2 Suction	Collicut	T3389.23	V1000/V2000-05-0001	270 psi	-20/120 F	RT-2
Stage 3 Suction	GLM Inline	T2676.23	PE-05-149-1	705 psi	-20/150 F	HT RT-2
Stage 4 Suction	GLM Inline	T2675.23	PE-05-150-1	705 psi	-20/150 F	HT RT-2

PULSATION

	Manuf.	CRN	Serial Number	MAWP	Temp	RT HT
Stage 1 Suction	Collicut	T3388.23	V1100-05-0020	270 psi	-20/120 F	RT-2
Stage 1 Disch.	Collicut	P6439.23	V1200-05-0020	200 psi	-20/350 F	RT-2
Stage 2 Suction	Collicut	P1362.23	V2100-05-0021	270 psi	-20/150 F	RT-2
Stage 2 Disch.	Collicut	T3376.23	V2200-05-0021	300 psi	-20/350 F	RT-2
Stage 3 Suction	Collicut	L9368.23	V3100-05-0019	705 psi	-20/150 F	RT-2
Stage 3 Disch.	Collicut	P4429.23	V3200-05-0015	645 psi	-20/350 F	RT-2
Stage 4 Suction	Collicut	R0954.23	V-4100-05-0012	705 psi	-20/150 F	RT-2
Stage 4 Disch.	Collicut	R8194.23	V4200-05-009	1290 psi	-20/350 F	RT-2

PSV's

	Manufacturer	Model	Serial Number	Set Pressure	Size
Stage 1 Disch.	Farris	26J10-120	TBD	200 psi	2"x3"
Stage 2 Disch.	Farris	26HA12-120	TBD	300 psi	2" x 3"
Stage 3 Disch.	Farris	26FA12-120	TBD	635 psi	1.5"x2"
Stage 4 Disch.	Farris	26EA13-120	TBD	1290 psi	1"x2"

VALVES

	Make	Model	Serial Number	Size	Trim
Suction Control	Fisher	TBD	TBD	6" (168.3 mm)	TBD
Disch Control.	Can be added	-	-	-	-
Bypass Control	N/A	N/A	N/A	N/A	N/A
Recycle	Fisher	D4	TBD	2" (60.3 mm)	3/4" M-Form
Blowdown	Fisher	D4	TBD	1" (33.4 mm)	3/4" M-Form

END DEVICES

	Quantity	Make	Model
LEL Detection	1	Net Safety	Millenium Combustible Gas
Fire Detection	1	Net Safety	UV W/Swivel (4-20mA O/P)
Beacons	2		

CONNECTIONS

Suction Inlet Flange	6" (168.3 mm) CL150
Discharge Flange	3" (88.9 mm) CL600
Fuel Gas	2" (60.3 mm) CL150
Start Gas	2" (60.3 mm) CL150
Flare	4" (114.3 mm) CL150

SHIPPING DIMENSIONS

Width	12' – 6" (3.81 m)
Length	53' – 6" (16.29 m)
Height	16' – 9" (5.09 m)
Weight Estimate (dry)	121,121 lbs (54,940 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 Remvue 500/S
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NOISE ATTENUATION

Muffler Style	Silex Critical Grade
Sound Power Levels @ 1 m	97 db
Sound Power Levels @ 5 m	90 db