

INSTRUMENT AIR SKID

UNIT: IA16

PERFORMANCE

Base Horsepower	20 HP
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DRIVER

Make	Siemens
Model	2204-1162-00
Rated HP	20 HP
Rated RPM	3560 RPM
Volts	460 Volts
Phases	3 Phase
Hertz	60 Hz

COMPRESSOR

Make	Chicago Pneumatic
Model	QRS-20HP-TM
Flow Rate	80 SCFM @ 125 psi
Maximum Allowable Working Pressure	125 psi (910 kPa)
Rated HP	20 HP

WET AIR RECEIVER

Make	Steel Fab
Model	A10033
Maximum Allowable Working Pressure	200 psi (1379 kPa)
Min/Max Operating Temperature	-20°F/400°F (-28°C/204°C)
Volume	120 Gallon



FILTERS

Filter No.	Make	Model	Max. Pressure	Max. Temperature	Standard Filtration
1	Atlas Copco	UD45+	232 psi (1600 kPa)	151°F (66°C)	0.01 μ
2	Deltech	307-H3-DG1	250 psi (1723 kPa)	150°F (66°C)	0.01 μ
3	Atlas Copco	UD45+	232 psi (1600 kPa)	151°F (66°C)	0.01 μ
4	Deltech	307-P3-TG1	250 psi (1723 kPa)	150°F (66°C)	1 μ
5	SMC	AF20-N02-7CZ-20-A	150 psi (1034 kPa)	140°F (60°C)	5 μ

HEATLESS AIR DRYER

Make	Deltech
Model	HCT90
Maximum Operating Pressure	285 psi (1965 kPa)
Max. Operating Temperature	450°F (232°C)

HEATER

Make	Ruffneck
Model	RGE032CT
Fuel	Electric
Size	3 kW
Starter Volts	208 V
AMPS	9.8 A

EXHAUST FAN

Make	US Motors
Model	FD12BA2P
Rate	TBD
Power	½ HP, 1 PH
Volts	115 V
AMPS	9.2 AMP

SHIPPING DIMENSIONS

Width	9' 2" (2.80 m)
Length	17' 1" (5.20 m)
Height	9' 9" (2.97 m)
Weight Estimate (dry)	TBD

CERTIFICATION

Vessel	ASME Sec. VIII Div. 1
Piping	ASME B31.3
Province(s) of Registration	All Jurisdictions
Area Classification	General
Service	Air

