CC25 Compressor Specifications

Compressor

- Type: Oil flooded rotary screw gas compressor
- Model: Gardner Denver Enduro 6

Driver

- Usable horsepower: 25 HP @ 1700 rpm available to compressor
- Cylinders: 4
- Type: Natural gas fueled
- Ignition: Electronic distributor
- Oil level maintainer: Murphy LM 2000
- Oil conditioning system: Luberfiner
- Oil day tank: 3 Gal
- Coolant day tank: 1 Gal
- Fuel gas scrubber: Coalescing filter
- Silencer: Mac - whisper quiet
- Governor: Electronic

Drive System

- Direct

Cooling System

- Type: Aftercooler/oil cooler combination
- Model: AOL 15
- Rating: 250 psi @ 325 °F
- CRN: AB, BC, SK
- Thermostat: Set @ 180 °F

Capacity Control

- Inlet Valve – Factory set at 10 PSI
- High pressure recycle – Factory set at 180 psi
- Low pressure recycle - Factory set at 2 psi
- Manual recycle
Controls and Instrumentation

Auto Run Three Switch Control

- All control valves preset from the factory, three switches, a button and a knob on the control panel are all that are required to start and run under any well or line conditions
- Power
- Fuel
- Start/Run
- Starter
- Speed Knob

Shut downs

- Low suction pressure
- High compressor discharge temperature
- High scrubber fluid level float
- Low compressor oil level
- Low engine oil pressure
- Low engine oil level
- High engine coolant temperature
- ESD

Indicators

- Annunciator
- Engine rpm
- Hour meter
- Engine oil pressure
- Engine glycol temperature
- Engine fuel pressure
- Suction pressure
- Discharge pressure
- Compressor discharge temperature
- Compressor Oil level
- Scrubber level
- Engine oil level
- Engine oil day tank level
- Engine glycol level
- Gas oil separator element differential pressure (optional)

Inlet/Outlet

- Inlet flange 2” 150# RFF
- Outlet flange 1” 150# RFF
- Inlet valve Mara 2” FP Ball Valve
- Discharge check 1” swing
- Low pressure inlet control Kimray 230 SGT PR-D

Scrubber

- Design code ASME Sect VIII, Div I
- PSV 50 psi
- Sight glass Glass 10” viewing length
- CRN AB, BC, SK
Piping

- Process piping: SA-106B threaded piping
- Other piping: SA-106B threaded spools
- Flare header: Header for PSV’s, and blow down
- All process valves accessible for easy adjustment, service and replacement

Enclosure

- Floor: Drip tray c/w drains
- Service Access: Gas strut balanced, locking
- Sound proofing: Frequency specific open flexible polyester polyurethane foam
- Louvers: 2 adjustable louvers for cooling air control
- Roof vents: Built-in roof vents for cooling and ventilation
- Coating: Powder coat
- Heater: Bruest natural gas heater, 12” x 24”, 12,000 BTU/hr

Trailer

- Portability: Moved by ½ ton pickup
- Tongue weight: 200 lbs
- Axle rating: 4500 lbs
- Leveling: 4 leveling posts
- Trailer jack: Tongue
- Trailer brakes: Electric
- Weight: 4500 lbs

Miscellaneous

- All inspection and fill points accessible from outside
- Easy access to all service points
- All service points reachable at ground level
- All fluid level indicators viewable from outside
- Designed to be readily moved and/or replaced for major overhauls or servicing

Options

- Inlet scrubber auto drain
- Inlet particulate filter
- Delta P gage and signal for coalescer filter
- Fire and gas detection
- Tear-away bug screens on cooling air inlets
- 120 volt block heater
- Sub-Floor Insulation
- Armored Flex Hoses

Compliance

- Power and process in separate compartments, process Class I, Div II, power GP
- CSA or Intertek approved
- Fugitive emission study