



## 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

### Shutdowns

- 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