# CG25 Two Stage Sweet Compressor Specifications

## Compressor
- **Type**: Two Cylinder (two stage) Vertical Recip
- **Model**: Quincy QRNG 370

## Driver
- **Electric Motor**
- **Power**: 25 HP @ 1750 rpm
- **Type**: TEFC

## Drive System
- **Type**: V Belt

## Cooling System
- **Type**: Intercooler & Aftercooler

## Capacity Control
- **Inlet Valve**
- **Pulley Sizing**
- **Low Pressure Recycle**

## Controls and Instrumentation
- **Start/ Run Switch**
- **ESD**
- **Local Instrumentation**

### Shutdowns
- Low suction pressure
- High discharge pressure

### Indicators
- Suction pressure
- Well pressure
- Compressor oil pressure
- High compressor discharge temperature
- Low compressor oil pressure
- Discharge pressure
- Compressor discharge temperature
- Hour meter

## Inlet/Outlet
- **Inlet flange**: 1” 300# RFF
- **Outlet flange**: 1” 300# RFF
- **Inlet valve**: 1” FP Ball Valve
- **Discharge check**: 1” swing
- **Low pressure inlet control**: Inlet Regulator
Piping
- Process piping: SA-106B threaded piping
- Other piping: SA-106B threaded piping
- 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
- Vents: Gravity-operated damper
- Heater: EXP electric heater

Miscellaneous
- All inspection and fill points accessible from outside
- Easy access to all service points
- All service points reachable at ground level

Miscellaneous
- Class 1, Div 2, Group D
- CSA, Intertek or QPS approved

Options
- Inlet scrubber
  - Design code: ASME Sect VIII, Div I
  - Corrosion allowance: 1/8”
  - PSV: 35 psi
  - Sight glass: Glass 8” viewing length
  - CRN: AB, BC, SK
  - Inlet scrubber high level shutdown
- Annunciator
- Fire and gas detection
- Tear-away bug screens on cooling air inlets
- High Pressure Discharge w/ High Efficiency Intercooler
- Inlet Scrubber Drain Pump
- Electric Heat Trace
- 25’ Hose Kit

Compact Compression Inc. CG 25
Quincy QRNG 370 2 Stage Sweet

<table>
<thead>
<tr>
<th>Suction</th>
<th>DISCHARGE PRESSURE</th>
<th>150</th>
<th>200</th>
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*Performance based on Sea Level, gas density .65, temp 68 °F
Pressures in PSI
Flow Rates in MSCFD
High Efficiency Intercooler required for flows in grey