CG15 Two Stage Sweet Compressor Specifications

**Compressor**
- Type: Two Cylinder (two stage) Vertical Recip
- Model: Quincy QRNG 325

**Driver**
- Electric Motor
- Power: 15 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

### Compliance
- Class 1, Div 2, Group D
- CSA, Intertek or QPS approval

### 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 15
Quincy QRNG 325 2 Stage Sweet

<table>
<thead>
<tr>
<th>Suction</th>
<th>DISCHARGE PRESSURE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>150 200 250 300 350</td>
</tr>
<tr>
<td>5</td>
<td>38 37 36 35 35</td>
</tr>
<tr>
<td>10</td>
<td>48 47 46 45 45</td>
</tr>
<tr>
<td>20</td>
<td>68 67 66 66 65</td>
</tr>
<tr>
<td>30</td>
<td>87 87 86 85 85</td>
</tr>
</tbody>
</table>

*Performance based on Sea Level, gas density .65, temp 68 ºF
Pressures in PSI
Flow Rates in MSCFD
High Efficiency Intercooler required for flows in grey*