CG15 Single Stage sweet Compressor Specifications

**Compressor**
- **Type**: Two Cylinder Vertical Recip
- **Model**: Quincy QRNG 240

**Driver**
- **Electric Motor**
- **Usable horsepower**: 15 HP @ 1750 rpm
- **Type**: EXP

**Drive System**
- **V Belt**

**Cooling System**
- **Type**: Aftercooler

**Capacity Control**
- **Inlet Valve**: 10 – 20 PSI
- **Pulley Sizing**
- **Low Pressure Recycle**

**Controls and Instrumentation**
- **Start/ Run Switch**
- **ESD**
- **Shutdowns**
  - Low suction pressure
  - High compressor discharge temperature
- **Indicators**
  - Suction pressure
  - Hour meter
  - Compressor oil pressure
- **Low compressor oil pressure**
- **Discharge pressure**
- **Compressor discharge temperature**

**Inlet/Outlet**
- **Inlet flange**: 1” 150# RFF
- **Outlet flange**: 1” 150# RFF
- **Inlet valve**: Mara 1” FP Ball Valve
- **Discharge check**: 1” swing
- **Low pressure inlet control**: Fisher 627

**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
- Roof vents             Built-in roof vents for cooling and ventilation
- Coating                Powder coat
- 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
- All fluid level indicators viewable from outside
- Designed to be readily moved and/or replaced for major overhauls or servicing

Options
Scrubber
- Design code            ASME Sect VIII, Div I
- PSV                    50 psi
- Sight glass            Glass 10” viewing length
- CRN                    AB, BC, SK
- Inlet scrubber auto drain
- Fire and gas detection
- High scrubber fluid level float
- Scrubber level
- Tear-away bug screens on cooling air inlets
- Sub-Floor Insulation
- Armored Flex Hoses
- VFD

Compact Compression Inc. CG 15
Quincy QRNG 240 (Sweet)

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<th>Suction</th>
<th>40</th>
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*Performance based on Sea Level, gas density .65, temp 68 °F
Pressures in PSI, Flow Rates in MSCFD