



Bay 8, 1820 – 30<sup>th</sup> Avenue NE  
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## 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
- Low compressor oil pressure

### Indicators

- Suction pressure
- Hour meter
- 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)   |           |           |           |           |            |            |
| DISCHARGE PRESSURE  |           |           |           |           |            |            |
|   |           | <b>40</b> | <b>60</b> | <b>80</b> | <b>100</b> | <b>125</b> |
| Suction   | <b>10</b> | 87        | 82        | 77        | 72         | 68         |
|   | <b>20</b> | 128       | 122       | 117       | 112        | 104        |
|   | <b>30</b> |           | 163       | 158       | 153        | 145        |
| *Performance based on Sea Level, gas density .65, temp 68 °F<br>Pressures in PSI, Flow Rates in MSCFD |           |           |           |           |            |            |