



Bay 8, 1820 – 30<sup>th</sup> Avenue NE  
Calgary, Alberta T2E 7M5  
Telephone: (403) 219-3026 Fax: (403) 717-1759

## CG15 Single Stage Sour Compressor Specifications

### Compressor

- Type Two Cylinder Vertical Recip
- Model Blackmer 362

### 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

### Compliance

- CSA or Intertek approved

Compact Compression Inc. CG 15 Blackmer 362 (Sour)						
DISCHARGE PRESSURE						
		50	75	100	125	150
Suction	10	72	67	62		
	20	107	101	95	91	77*
	30	142	137	130	124	108*

*Performance based on Sea Level, gas density .65, temp 68 °F  
Pressures in PSI Flow, Rates in MSCFD, \* RPM HP limited to 740*