

CNG Compressor Module

Model: CNG767-Bauer C-15.2



Benefits

- Ideal for small fleet operations
- Operates from local utility gas 0-5 PSI
- Capable of delivering up to 19/40 SCFM
- Low cost solution for Alternate Fuel

Features

- High Pressure compression capability up to 4500 PSI
- Small, compact radial 4 stage compressor
- Heavy duty 15 HP electric motor, 120/240 VAC, 2 PH / 30HP, 460 VAC, 3PH
- Built-in cooler to maintain low gas temperatures
- Belt driven with adjustable motor mounts for easy alignment
- Safety relief valves for all interstages and discharge pressures
- On-skid Blowdown tank with manual inlet valve and pressure regulator
- Inlet and discharge filters
- Standard MDi QMC1 intelligent, microprocessor based CNG controller
- Built-in Compressor oil filter and level site glass
- On-board motor controls in explosion proof NEMA 7 enclosure
- Complies with NEC and NFPA requirements for Class 1, Division 2, Groups C&D operation
- Pressure monitoring of all interstages, discharge and oil pressure with safety shutdowns
- Temperature monitoring of discharge gas temperature with safety shutdown
- Liquid filled pressure gages for interstages, discharge and oil pressure
- Automatic condensate drain and compressor unloading system
- Integrated Gas recovery system
- Excessive compressor vibration monitoring
- Secondary foundation pad not required
- Small foot print—60”L x 36”W x 52” H
- Easy to transport, lightweight 1600 lbs
- 1 yr LevelCon Web based remote monitoring included
- 1 yr Web based SCADA HMI included with graphics
- Alarm notifications: Emails and Cellular text messages
- Optional small buffer storage under skid
- Optional 3-Bank Priority, 1 Fast-fill hose Sequencing and 1 Slow Fill (Timed Fill) hose valve panel



Controller Features

- Automatic Start/stop Sequence
- Easy to use, front panel programming
- Large LCD for viewing all parameters
- Monitors all safety shutdowns
- Large Audible and visible alarm
- Built-in Emergency Shutdown (ESD) button
- Monitors all interstage pressures, discharge and oil pressure
- Monitor Discharge gas temperature and additional channels available for other inputs
- Contact inputs for high CPSR vibration alarm shutdown with 7 additional channels
- Built-in total and last run time hour meters
- Built-in Enclosure and Ambient Temperature sensors.
- Controller CSA and FM approved for operation in C1D1, Groups C&D locations
- Built-in Serial communication PC interface
- Interface for SCADA systems with built-in standard MOD-BUS RTU protocol

Controller Options

- LevelCon wireless web based remote monitoring option
- K Rail slow fill Fueling post option
- Single or dual hose fast-fill dispenser
- Annual Total Maintenance contract option
- Lead/Lag option for up to 4 compressors

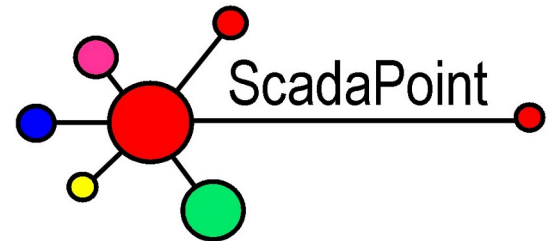
Storage Options

- Storage bank under skid—3 DOT bottles
- Total storage under compressor skid 720 CF @ 4000 PSI
- External Storage Sphere—10,000 CF @ 4000 PSI



Controls

Storage Tanks



**Complete Web Based
Monitoring and Control**

General Specifications

Inlet Pressure:	0 to 5 PSI
Discharge Pressure programmable up to:	4500 PSI
1st Interstage Pressure range:	30 to 60 PSI
2nd Interstage Pressure range:	250 to 400 PSI
3rd Interstage Pressure range:	1400 to 1700 PSI
Discharge Pressure:	2800 to 4200 PSI
Discharge Gas Temperature range:	130 to 150 °F
Compressor operating RPM:	1200
Motor:	TEFC 15 HP, 240 VAC, 2 Ph / TEFC 30 HP, 460 VAC 3 Ph
Maximum Blowdown tank pressure:	300 PSI
Power:	120 VAC or 240 VAC, 2 ph/460 VAC, 3Ph
Skid construction:	Steel
Dimensions:	60"Length x 36"Width x 52" High
Weight:	1900 lbs
Audible Alarm and Beacon:	90 dba sound level with integral flashing beacon
Emergency Shutdown Button:	Normally closed, 120/240 VAC, 3 Amps
Controller Internal Fuse:	120/240 VAC 5 Amps maximum
Power train:	Belt driven
Motor Mounts:	Adjustable for proper compressor/motor alignment
Motor Starter:	NEMA 7 enclosure with manual start/stop
On-Skid Tubing:	1/2" Stainless Steel

Other Options

- Slow Fill Post and/or Storage Tanks
- Optional engine drive
- Trailer mount for entire skid
- Flow meter Option to monitor volume of gas dispensed
- Dual Compressor model CNG867 with 38 SCFM capability
- LevelCon wireless web based monitoring with GPS position tracking
- Worldwide support

Compressor →

