Natural gas -- Supplied to millions of businesses throughout the U.S. upon demand; one of the most efficient, cost-effective, environmental friendly and domestically-abundant fuels available.

Natural gas as a viable alternative vehicular fuel is completely compatible with today's engines. Manufacturers are now producing a variety of factory-equipped, on-road and in-plant vehicles to run cleanly and efficiently on natural gas. In addition, some existing vehicles can also be converted to operate on either natural gas or gasoline (bi-fuel), without compromising performance, at the flip of a switch. Power delivery between the two fuels is virtually indistinguishable.

The actual costs of refueling with natural gas over other fuels can also be a pleasant surprise. The price of natural gas is usually between one-half and three-quarters the cost of its gasoline equivalent. This can result in substantial savings for commercial vehicles of high-mileage commuters. It should also be noted that natural gas prices have a history of being relatively stable, not fluctuating with daily supply and demand like gasoline. Whether vehicles are equipped for natural-gas-only or bi-fuel operation, both time and money can be saved through the use of the convenient, safe and accessible Natural Gas

Natural Gas is nature's cleanest burning fossil fuel. When used to power a vehicle engine, it emits fewer pollutants than conventional or other alternative fuels and meets government clean air requirements. Compared to gasoline or diesel, natural gas burns more completely and cleanly, which results in significant reductions in pollution-causing exhaust components such as carbon monoxide, nitrogen oxides and reactive hydrocarbons. Soot, smoke particles and irritating odors are virtually eliminated, making natural gas an ideal choice for fleets. Using clean burning natural gas reduces our dependence on foreign oil.

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Scan QR code with your smartphone to learn more.

MS
388.13.06.500SP
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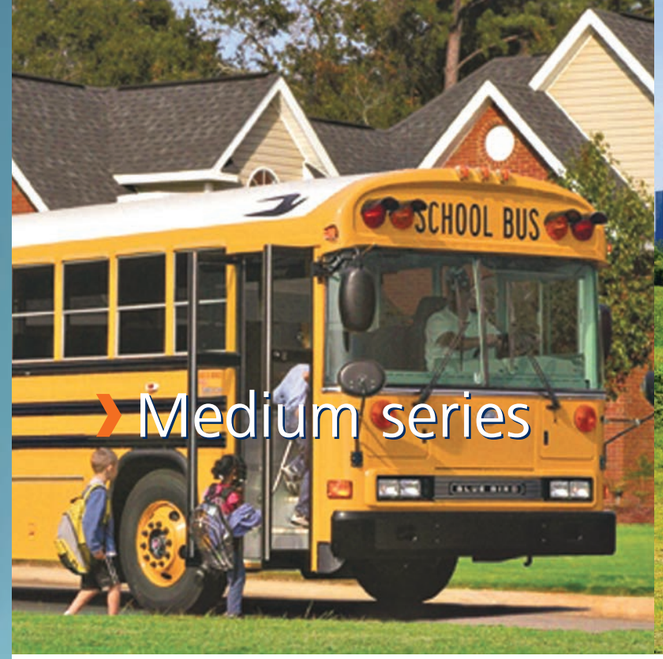
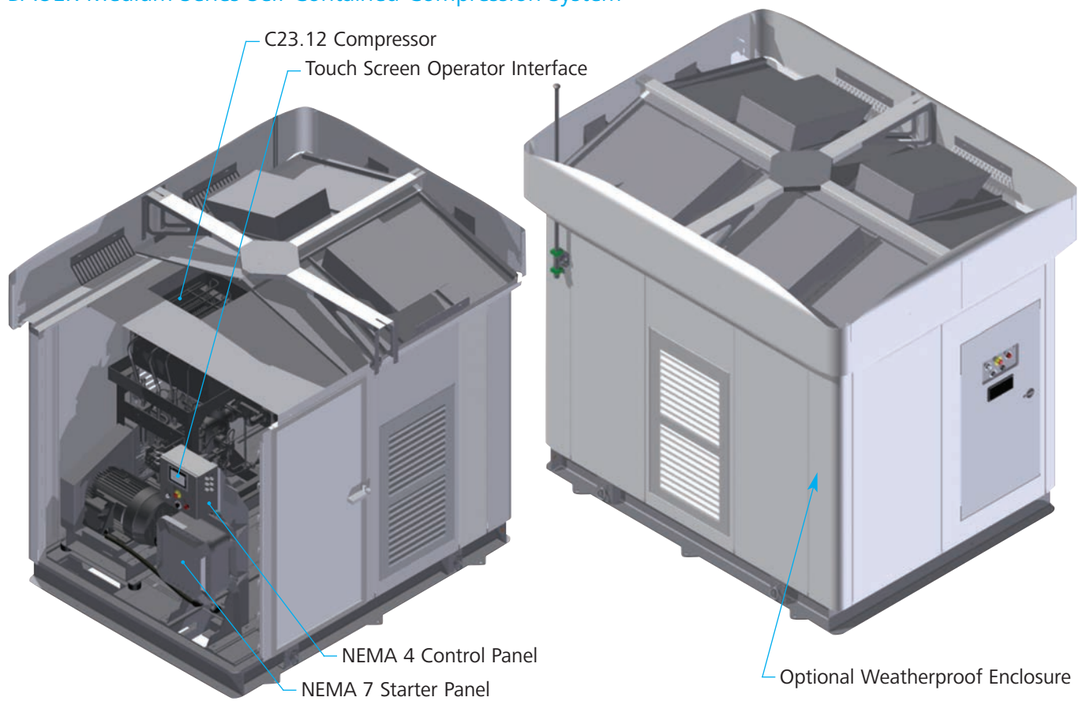


Medium series

BAUER Medium Series Self Contained Compression System



Available in Simplex or Duplex configuration. (Simplex shown)

STANDARD FEATURES

- **Compressor**
  - BAUER compressor for natural gas
  - Air-cooled and pressure lubricated
  - Interstage separators
  - Gas-tight relief valve, each stage
  - Encapsulated crankcase, gas is not vented to the atmosphere
  - Oil level sight glass
  - Continuous-duty rated
- **Electrical**
  - Built in compliance to the NEC Article 500 for Class I, Division 2, Group D
  - TEFC motor with Class I, Division 2, nameplate
  - NEMA 4 enclosure for control components
  - NEMA 7 enclosure for power components
- **Control devices**
  - Siemens S7-1200 PLC and SIMATIC HMI touch panel
  - Solenoid valve, strainer and check valve at inlet
  - Automatic condensate drain
  - Pressure maintaining valve and check valve at outlet
  - Final pressure sensor for automatic operation
  - Ambient temperature sensor with user selectable temperature-compensated final pressure
  - Lead/Lag and Alternation capable
- **Monitoring, locally mounted pressure gauges**
  - Inlet, each stage, oil, vapor recovery and final
- **Safety features**
  - Alarm for low/high inlet pressure, low oil pressure and high temperature
  - Emergency stop device, Power-ON light, alarm light and keyed Power-ON switch
  - Guarding for cooling fan and v-belt drive
- **Piping and tubing**
  - Stainless steel
- **Package features**
  - Skid mounted open frame design
  - Compressor and motor vibration isolated from skid
  - Powder coated skid for superior corrosion protection
  - Skid edge utility connections
  - Inlet buffer tank, 10 gallon, 200 psi, ASME (Simplex and Duplex)
  - Vapor recovery tank, 60 gallon, 200 psi, ASME (Simplex)
  - Vapor recovery tank, 120 gallon, 200 psi, ASME (Duplex)
- **Documentation**
  - Operation and Maintenance manual, wiring schematic and P&ID displayed on HMI
  - BAUER University videos for service tasks displayed on HMI
- **Compliances**
  - Manufactured in accordance with the latest edition of NFPA 52 and NEC Article 500
  - C-UL-US electric panel, BAUER UL File number E141433
  - BAUER's quality management system is registered to ISO 9001:2008
  - Factory test
- **Warranty**
  - 2 Year

AVAILABLE OPTIONS

- Cabinet (Weatherproof Enclosure)
  - Made of galvannealed sheet steel and powder coated for superior corrosion protection
  - Lockable access panels
  - Ventilation fan with static dissipative blades
  - Light fixture Class I, Division 2, rated
- High pressure dryer
- Remote monitoring via cell phone
- Crankcase heater
- Audible alarm
- ATEX / TUV Certified

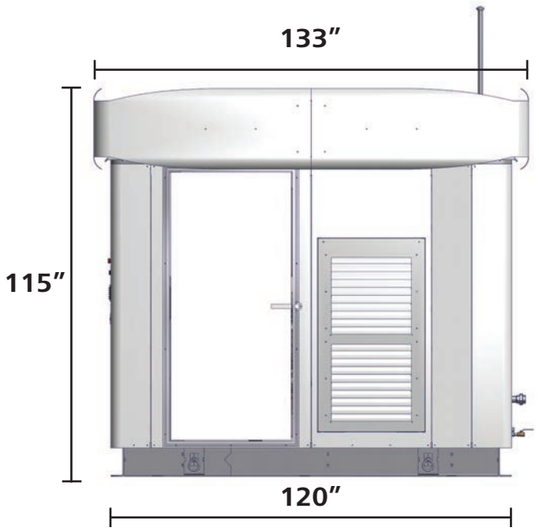
Technical Data

Model	Capacity				Inlet pressure		Number of stages	Speed max	Motor power		Power requirement at max final	
	CFM	m³/h	DGE/H	GGE/H	psi (g)	bar		rpm	hp	kW	hp	kW
5 psi inlet (0.3 bar)												
C23.1	50	85	22.7	25.0	5	0.3	4	1200	40	30	38.4	28.6
15 to 550 psi inlet (1 bar to 38 bar)												
C23.2	70	119	31.8	35.0	15	1	4	1400	50	37	49.4	36.8
C23.10	80	136	36.4	40.0	65	4.5	4	1200	50	37	47.3	35.2
C23.12	100	170	45.5	50.0	145	10	4	1200	50	37	48.8	36.4
C23.13	115	195	52.3	57.5	230	16	4	1200	50	37	45.7	34
C23.14	145	246	65.9	72.5	550	38	4	1200	50	37	43.1	32.1

Daily capacity in equivalent gallons based on daily compressor operating hours

Model	4 hours		6 hours		8 hours		10 hours		12 hours		14 hours		16 hours		18 hours	
	DGE	GGE	DGE	GGE	DGE	GGE	DGE	GGE	DGE	GGE	DGE	GGE	DGE	GGE	DGE	GGE
C23.1	91	100	136	150	182	200	227	250	273	300	318	350	364	400	409	450
C23.2	109	120	164	180	218	240	273	300	327	360	382	420	436	480	491	540
C23.10	145	160	218	240	291	320	364	400	436	480	509	560	582	640	655	720
C23.12	182	200	273	300	364	400	455	500	545	600	636	700	727	800	818	900
C23.13	209	230	314	345	418	460	523	575	627	690	732	805	836	920	941	1035
C23.14	264	290	395	435	527	580	659	725	791	870	923	1015	1055	1160	1186	1305

Maximum operating pressure = 5000 psi (345 bar) | Tolerance on performance values, +/- 5% | Information subject to modification without notice or obligation.
DGE = Diesel gallon equivalent | GGE = Gasoline gallon equivalent | 1 Gallon = 3.8 liters



Simplex (except C23.1)

DIMENSIONS L x W x H inches (mm)
- 133 x 104 x 115 (3378 x 2642 x 2921)

WEIGHT pounds (kg)
- 10,000 (4535) maximum

Duplex (C23.1 only)

DIMENSIONS L x W x H inches (mm)
- 180 x 92 x 80 (4572 x 2337 x 2032)

WEIGHT pounds (kg)
- 7500 (3402)
  depending upon model and options