



BAUER
COMPRESSORS

Quality. Our DNA



BAUER C23 M-SERIES

**PROVEN CNG PERFORMANCE.
NOW WATER-COOLED**

BUILT FOR RELIABILITY. ENGINEERED FOR VALUE.

CNG SYSTEM for Medium to Large Fleets

- › 40-75 HP (30-56 kW)
- › 67-129 CFM (113-219 M³/HR)
- › 5000 PSIG (345 Bar) PSIG
max discharge pressure

When reliability is non-negotiable and operating conditions push equipment to its limits, the BAUER M-Series C23 Simplex delivers. Built on BAUER's time-tested M-Series platform and now available in a water-cooled configuration, the C23 Simplex is engineered for continuous duty, long service life, and consistent performance in demanding environments.

From fleet fueling to infrastructure applications, the C23 Simplex combines rugged mechanical design with intelligent system integration; ensuring dependable operation day after day.

Why Water-Cooled?

The water-cooled BAUER C23 M-SERIES is purpose-built for installations where ambient temperatures, noise considerations, or sustained duty cycles challenge conventional air-cooled systems. Efficient heat management supports stable operation, reduced thermal stress, and enhanced durability—helping protect performance over the long term.

The **BAUER M-Series C23** is designed with total lifecycle performance in mind. Every component, from the compressor core to the integrated controls, is selected to minimize downtime, extend maintenance intervals, and reduce overall cost of ownership.



› Shown with optional cooler

SYSTEM FOOTPRINT

DIMENSIONS L x W x H inches (mm)*

- › 146" x 68" x 90" (3708mm x 1727mm x 2286mm) with cooler
- › 96" x 68" x 90" (3708mm x 1727mm x 2286mm) without cooler

*Dimensions exclude vent stack

WEIGHT pounds (kg)

- › 11,500 lb (5216 kg) with cooler
- › 9,000 lb (5216 kg) without cooler

OPTIONAL FEATURES

- › Glycol cooler
- › Plate heat exchanger
- › High-pressure gas dryer
- › High-pressure dewpoint sensor
- › Heavy-duty weatherproof enclosure

APPLICATIONS

- › Fleet fueling stations
- › Municipal and utility operations
- › Transit and logistics facilities
- › Industrial and infrastructure CNG installations

LOW COST OF OWNERSHIP

- › Designed for long service intervals
- › Heavy-duty components built for extended operational life
- › Efficient system design supports economical operation
- › Backed by BAUER's global service network and lifetime support philosophy

TECHNICAL DATA

Model	Inlet Pressure				Final Pressure		Capacity						Number of Stages	Running Speed	Motor		
	PSIG		BAR		PSIG	BAR	CFM	M ³ /H	DGE/H	DLE/H	GGE/H	GLE/H			RPM	HP	KW
	MIN	MAX	MIN	MAX	MAX	MAX											
C23.2	10	15	0.7	1	5000	345	67	113	28	107	33	126	4	1200	50	37	
C23.2	10	15	0.7	1	5000	345	100	169	43	161	50	189	4	1800	75	56	
C23.10	30	65	2	4.5	5000	345	87	147	37	140	44	165	4	1200	40	30	
C23.10	30	65	2	4.5	5000	345	129	219	55	208	65	245	4	1800	60	45	
C23.12	65	145	4.5	10	5000	345	115	195	49	185	58	218	4	1200	60	45	
C23.13	116	200	8	14	5000	345	119	201	51	191	60	225	4	1200	50	37	
C23.13	116	200	8	14	5000	345	177	301	76	286	89	337	4	1800	75	56	
Classic Series																	
C23.1 Simplex	1	5	0.07	0.34	5000	345	47	80	20	76	24	90	4	1300	40	30	

Note: All capacities are based on pipeline quality natural gas supplied at the maximum allowable inlet pressure to the compressor and 3600 psig discharge pressure. For all models lower inlet pressure is possible but with reduced capacity and possibly reduced discharge pressure. Motor power is reference to maximum allowable inlet pressure and 4500 psig discharge pressure. Consult BAUER for performance at other conditions. Performance tolerance +/- 5% 1) + or - 5% dB. Please contact your BAUER representative for details about our warranty.

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