

G SERIES

1 and 2-stage boosters
3, 4 and 5-stage compressors

- › **Pressure**
up to 6000 psig
up to 414 bar
- › **Capacity**
up to 120 scfm
up to 3400 l/min
- › **Gases**
Nitrogen
Helium
Argon



BAUER G Series compressors and boosters for Nitrogen, Helium and Argon are available in a wide variety of capacities for a multitude of applications ranging from gas-assist injection molding to tube trailer filling to helium recovery.

The experts at BAUER can assist with selecting the right model and accessories to meet your specific requirements.

Technical Data

Model	Capacity FGD ¹⁾			Number of stages	Motor		Drive
	Nitrogen	Helium	Argon		hp	kW	
Compressors for Nitrogen 5000 psig (345 bar) / All other gases 3200 psig (221 bar)							
G120	7.3	7.1	7.6	3	7.5	5.5	E1 / E3
G12.14	8.5	--	--	4	^	^	^
G15.1 ²⁾	11.5	11	11.8	^	10	7.5	^
^	15	14.3	15.7	^	15	11	E3
G180	21.5	--	--	^	20	15	^
G220	28	25.7	28	^	25	18.5	^
^	33	--	--	^	30	22	^
G23.1	44	39.5	45.8	^	40	30	^
G250	63	--	--	^	60	45	^
G280	86	--	--	^	75	55	^
^	120	--	--	^	100	75	^
Compressors for Nitrogen 6000 psig (414 bar) / All other gases 5000 psig (345 bar)							
G15.11	11	--	--	4	10	7.5	E1 / E3
^	15	--	--	^	15	11	E3
G18.1	20	19	21	5	20	15	^
G22.42	31	--	--	4	30	22	^
G25.9	58	55	60	5	60	45	^
G25.18	79	--	--	^	75	55	^

Technical Data

Model	Capacity FGD ¹⁾	Pressure (psig)		Number of stages	Motor		RPM
		Nitrogen	Inlet		Discharge	hp	
Boosters for Nitrogen							
GB12.3	18 - 70	72 - 185	218 - 725	1	5 - 10	3.7 - 7.5	1300
GB12.2	4.7 - 17.1	72 - 160	1300 - 5000	2	5 - 7.5	3.7 - 5.5	900 - 1230
GB15.3	14 - 26.5	100 - 145	^	^	7.5 - 15	5.5 - 11	900 - 1200

1) Compressor capacity (FGD) is referenced to standard inlet conditions and 80% of the compressor's maximum working pressure. Tolerance +/- 5%.

2) G15.1 rated to 5000 psig (345 bar) for Helium and Argon.

Designation GI = Nitrogen, GR = Helium and Argon.

E1 = 230 / 1 / 60 E3 = 230 - 460 / 3 / 60 Other voltages and frequencies available upon request. Engine driven models available.



North Carolina
210 Labrador Drive
Randleman, NC 27317
Phone 336.674.0749
FAX 336.674.3688
www.safeairsystems.com

North Carolina, South Carolina,
Virginia, Maryland, Delaware
and the District of Columbia
1.800.424.8633