

ENGINE DRIVEN

4 and 5-Stage High Pressure Breathing Air Compressors

› **Pressure**

up to 6000 psig
up to 414 bar

› **Charging Rate**

13 to 60 scfm
368 to 1700 l/min

› **Power**

13.5 to 60 hp
10 to 45 kW



The ENGINE DRIVEN compressor for recharging SCBA or SCUBA cylinders combines compressor, purification system and engine drive.

The frame's rugged design is specific to the requirements of the engine drive/compressor block assembly.

Engine Driven

STANDARD SCOPE OF SUPPLY

- › BAUER breathing air purification system
- › BAUER PLC based controller with four line text display
- › NEMA 4 rated electrical enclosure with hourmeter
- › Compressor low oil pressure and high temperature safety shutdowns
- › Automatic condensate drain system with non-corrosive condensate reservoir and integrated float sensor. Automatic "Full" indication and compressor shutdown
- › Interstage pressure gauges
- › Electric start package including electric clutch and speed control solenoid

AVAILABLE ACCESSORIES (factory installed)

- › Audible alarms for safety shutdowns
- › CO monitor
- › Other accessories available on request

Diesel Drive Models

- › Closed loop water cooled diesel

DIMENSIONS L x W x H inches (mm)

- › H13-K26 63 x 49 x 46 (1600 x 1245 x 1168)
- › H35-K42 95 x 52 x 49 (2413 x 1320 x 1245)
- › K60 112 x 52 x 53 (2845 x 1320 x 1346)

WEIGHT pounds (kg)

- › 1300 - 3750 (590 - 1700)

Technical Data

Model	Charging rate ¹⁾		Number of stages	Motor		FAD ²⁾	RPM	Purification system
	scfm	l/min		hp	kW			
5000 psig (345 bar)								
K20-D	21	595	4	27	20	17.5	1300	P5
K26-D	26.4	748	4	27	20	22	1350	P5
K42-D	42	1190	4	44	33	35	1300	P10
K60-D	60	1700	4	60	45	50	1350	P12 SECURUS
6000 psig (414 bar)								
H13-G	13	368	4	13.5	10	10.8	1420	P2 SECURUS
H13-D	13	368	4	18	13	10.8	1420	P2 SECURUS
H18-D	18	510	4	27	20	15	1325	P5 SECURUS
H25-D	25.2	714	5	27	20	21	1300	P5 SECURUS
H35-D	35.9	1017	4	44	33	29.8	1200	P10 SECURUS

1) Based on recharging an 80 cubic foot tank from 500 to 3000 psig.

2) Compressor capacity referenced to standard inlet conditions.

G = Gasoline engine drive D = Diesel engine drive Alternate drives available.

Dimensions and weight are approximate and are subject to change.

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