

ENGINE DRIVEN

4- AND 5-STAGE HIGH-PRESSURE BREATHING AIR COMPRESSORS

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.

- › **PRESSURE:**
Up to 6000 PSIG (414 BAR)
- › **CHARGING RATE:**
13 to 60 SCFM
(368 to 1700 L/MIN)
- › **POWER:**
18 to 60 HP (13 to 45 kW)



› H25-D

STANDARD SCOPE OF SUPPLY

- › BAUER breathing air purification system with B-SECURUS
- › BAUER PLC base controller with four line text display
- › NEMA 4 rated electrical enclosure with hourmeter
- › Compressor low oil pressure and high temperature safety shutdowns
- › Emergency stop push button
- › Automatic condensate drain system with non-corrosive condensate reservoir and integrated float sensor and automatic “Full” indication and compressor shutdown
- › Interstage pressure gauges
- › Electric start package including electric clutch and speed control solenoid
- › Closed loop water-cooled diesel

AVAILABLE ACCESSORIES (FACTORY INSTALLED)

- › BAUER Gas-Tek™ CO monitoring system
- › H₂S monitoring system

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 B-SECURUS |
| K26-D | 26.4 | 748 | 4 | 27 | 20 | 22 | 1350 | P5 B-SECURUS |
| K42-D | 42 | 1190 | 4 | 44 | 33 | 35 | 1300 | P10 B-SECURUS |
| K60-D | 60 | 1700 | 4 | 60 | 45 | 50 | 1350 | P12 B-SECURUS |
| 6000 PSIG (414 BAR) | | | | | | | | |
| H13-D | 13 | 368 | 4 | 18 | 13 | 10.8 | 1420 | P2 B-SECURUS |
| H18-D | 18 | 510 | 4 | 27 | 20 | 15 | 1325 | P5 B-SECURUS |
| H25-D | 25.2 | 714 | 5 | 27 | 20 | 21 | 1300 | P5 B-SECURUS |
| H35-D | 35.9 | 1017 | 4 | 44 | 33 | 29.8 | 1200 | P10 B-SECURUS |

1) Based on recharging an 80 cubic foot tank from 500 to 3000 psig.
 2) Compressor capacity referenced to standard inlet conditions.

SYSTEM FOOTPRINT

H13-K26:

DIMENSIONS L X W X H inches (mm)

- › 63” x 49” x 46” (1600mm x 1245mm x 1168mm)

WEIGHT pounds (kg)

- › 1300 - 3750 lb (590 - 1700 kg)

H35-K42:

DIMENSIONS L X W X H inches (mm)

- › 95” x 52” x 49” (2413mm x 1320mm x 1245mm)

WEIGHT pounds (kg)

- › 1300 - 3750 lb (590 - 1700 kg)

K60:

DIMENSIONS L X W X H inches (mm)

- › 112” x 52” x 53” (2845mm x 1346mm x 1320mm)

WEIGHT pounds (kg)

- › 1300 - 3750 lb (590 - 1700 kg)

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