

Technical Specifications: **HA10, HA15, HA20, HA25, HA30, HA40, HA50, HAI28, HAI45**

40 to 414 bar g, 10 to 52 m³/h
580 to 6000 lbf/in², 6 to 31 ft³/min

Compressor packages for Breathing Air, Industrial, Marine and Naval applications

With over 100 years of experience CompAir sets high quality stands in world-wide compressor markets. Mounted within a strong frame, the highly efficient and modular design of the 'HA' packages makes them especially suitable for both industrial and breathing air markets. These packages have earned a good reputation in their use by fire brigades, dive schools commercial filling stations, military/navy, marine/offshore and general industrial users.



Model HAB30, Breathing Air Package

Features

- Fully balanced V and W configurations
- Efficient inter and after stage coolers
- Easy valve access and piston liner removal
- World-wide after sales and service
- Safety valves on all compression stages
- Polymer piston rings on final stage (except AI45)
- High air temperature/low oil pressure protection on selected packages
- Delivery pressure gauge
- Controlling air pressure switch
- Meets all major world-wide survey and certification requirements
- Choice of manual, semi-automatic or fully automatic control with condensate collection
- Choice of electric motor or engine drive
- TEFV, electric motor
- Optional imbedded controller
- Remote mountable electric control panel
- Safe area and explosion proof options

BREATHING AIR FEATURES

- Air quality exceeds EN12021 using a five stage filtration system
- Charging connectors to customer specification
- Optional integral/remote charging panel with multiple independent charge and vent outlets
- Dual pressure option
- Hours run meter (not on manual stop starters)
- Filtration pressure gauge
- Optional dewpoint monitor/regulation

Benefits

Reduced wear, excellent reliability, longer life, simple maintenance and extended service intervals

Complete machine protection and instrumentation

Standard packages allowing quick installation and simply configured to your site and users requirements

Breathing Air packages benefit from using a continuously rated industrial base. Large capacity filters reduce consumable stocks and deliver pure dry air

Intelligent Air Technology

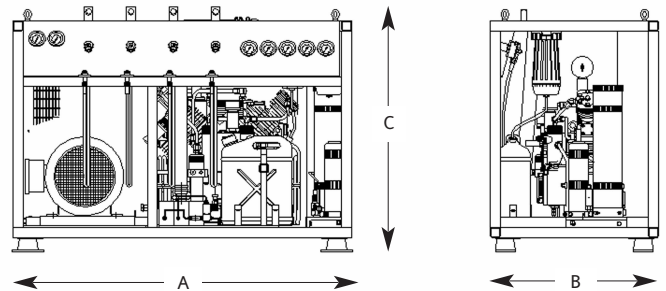
Air Cooled, Frame Mounted Packages

Technical Data

| Model | | HA10 | HA15 | HA20 ⁽¹⁾ | HA25 | HA30 | HA40 | HA50 | HAI28 | HAI45 |
|--|----------------------|------------------|--------------|---------------------|------|----------------|------|--------------|--------------|-------|
| Output Volume⁽¹⁾ | | | | | | | | | | |
| Industrial Air FAD (m ³ /h) | 50 bar g | | | | | | | | 27.7 | 43.2 |
| | 80 bar g | | | | | | | | 26.5 | 42.0 |
| | 150 bar g | 8.2 | 11.9 | 16.1 | 21.2 | 26.8 | 34.6 | 43.8 | | |
| | 250 bar g | 7.8 | 11.6 | 15.6 | 20.8 | 26.2 | 33.9 | 43.2 | | |
| | 350 bar g | 7.3 | 11.0 | 15 | 20.2 | 25.5 | 33.2 | 42.5 | | |
| | 414 bar g | - | - | - | 20.8 | - | 34 | 41.8 | | |
| Breathing Air Charge Rate 0-350 bar g ⁽⁸⁾ | m ³ /h | 10 | 15 | 19 | 25.2 | 32 | 41.2 | 52 | | |
| | l/min | 166 | 245 | 311 | 420 | 530 | 686 | 865 | | |
| | ft ³ /min | 6 | 9 | 11 | 15 | 19 | 24.2 | 31 | | |
| | Outlets | 1 | 2 | 2 | 4 | 4 | 6 | 6 | | |
| Motor Package | | | | | | | | | | |
| Power (kW) | 4 | 4 ⁽²⁾ | 7.5 | 7.5 | 11 | 15 | 18.5 | 7.5 | 15 | |
| Approx. Weight (kg) | 120 | | 160 | 305 | | 350 | | 305 | 350 | |
| Dimensions A x B x C (mm) | 1020x490x640 | | 1180x560x700 | 1360x675x930 | | 1500x675x930 | | 1360x675x930 | 1500x675x930 | |
| Diesel Engine Package | | | | | | | | | | |
| Power (kW) | 5.3 | 5.3 | 9 | 9 | 13 | 18 | 22 | | | |
| Approx. Weight (kg) | 202 | | 305 | 607 | | 900 | | | | |
| Dimensions A x B x C (mm) | 1120x560x750 | | 1425x560x840 | 1700x825x970 | | 2035x1015x1210 | | | | |
| Petrol Engine Package | | | | | | | | | | |
| Power (kW) | 6 | 6 | | | | | | | | |
| Approx. Weight (kg) | 125 | | | | | | | | | |
| Dimensions A x B x C (mm) | 1045x490x640 | | | | | | | | | |

Notes:

- Flow rates (FAD) measured in accordance with ISO 1217:1996. Charge rates measured in accordance with CompAir Ipswich standard N° 27 Type 'A'
- 5.5kW on industrial version, which is the same weight and size as HA20
- Performance figures are based on inlet conditions of 20°C, 1.013 bar absolute
- For optimum efficiency, siting of the units must not impair the integral air blast cooling
- Delivery pressures are typical and do not reflect the full range available
- Performances on electric motor sets are based on a 50 Hz supply
- HA20 is designed for intermittent use only with a maximum of 250 hours/year
- 414 bar g option available on application



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CompAir Policy is one of continuous improvement and we therefore reserve the right to alter specification and prices without prior notice. All products are sold subject to the Company's conditions of sale.

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