Intelligent Air Technology

High Pressure Compressed Air and Gas Solutions
World leaders in the manufacture and commissioning of high pressure compressors for industry

It is not by accident that CompAir manufacture and commission more high pressure air and gas compressors, for more industrial applications, in more countries around the globe, than any other compressor manufacturer.

For over 100 years CompAir have built up a name for high pressure compressed air and gas systems based on experience, design innovation, quality, reliability and service that’s second to none.

It’s a reputation based on a simple philosophy, find out exactly what each customer wants, then exceed it. It’s a philosophy that delivers precisely the specification of compressor needed for each application - supplied from a wide range of standard models or custom designed to meet a particular requirement - commissioned as a complete turn-key package or supplied as a minimum configuration based on individual customer needs.

This brochure is an introduction to the advanced technology and service commitment at the heart of the CompAir industrial high pressure compressor range.
High pressure compressors for the widest range of industrial uses throughout the industry

Applications include
- Chemical plants
- Offshore applications
- Processing industry
- Electrical cell production
- Production and application of inert gases
- Refrigeration
- Bio gas compression
- Air blast systems for high power electrical circuit breakers
- Component pressure testing
- Automotive air-bag testing
- P.E.T. bottle blowing
- Aluminium can blowing
- Gas turbine and engine starting
- Autoclave systems
- Motion compensating marine applications

Gases include
- Hydrogen
- Nitrogen
- Helium
- Argon
- Carbon Dioxide
- Carbon Monoxide
- Methane
- Natural Gas
- and other gases with slight modification
Compressor systems for the widest range of industrial air and gas applications

Providing the precise specification to meet your requirements.

Your compressor can be supplied as a completely installed package or to a minimal configuration dependant on your needs.

In addition, by manufacturing CompAir compressors from integrated units, a high degree of flexibility has been built into the range providing the basis for custom designed packages which match user requirements precisely and can be produced with minimal lead times.

Our technical engineers will be pleased to advise on the most suitable specifications for your application. With CompAir you have full support including technical service and back-up from installation to commissioning and aftercare.
CompAir H5437, water cooled 4 stage compressor, suitable for air and gases.
One in a range of six, 3 and 4 stage models.

CompAir H5470, air cooled 6 cylinder compressor, configurable from 1 to 5 stages, suitable for air and gases.
One in a range of two models.

CompAir H5209, 2 stage air cooled compressor, suitable for air and gases.
One in a range of six models.

CompAir H5236, 2 stage, 4 cylinder water cooled compressor, suitable for air and gases.
One in a range of three models.

PET H5282, water cooled, non lubricated, air compressor (especially suitable for PET applications).
One in a range of four models.
CompAir reliability
Designed at CompAir by some of the world’s leading experts in high pressure compressor technology, each component is precision engineered to maximise performance, minimise wear and extend trouble free working life.

CompAir valves and cylinders have been perfected over 100 years of continuous development to become the industry standard for reliability.

The compressors, at the heart of every unit, are type tested at the factory and have been run in the field for 1000’s of hours. In addition an individual unit factory test ensures total dependability under the most challenging of conditions.

CompAir longevity
The compressors are fabricated under the strictest quality control supervision. We have control of raw material to final product using our own site foundry.

CompAir running efficiency
Minimising down time is equally an integral part of CompAir compressor design.

The extended service life built into key wearing parts is a typical example of CompAir’s advanced technology maximising running time and running efficiency.

When maintenance is required, easy access to valves, pistons and liners enables servicing to be carried out fast, with minimum disruption.

Remote monitoring
Using modern communication techniques it is possible to monitor all critical operating parameters, including running hours, unloaded hours, pressures and temperatures. Alarms may be initiated on line via a lap top or via digital messaging with a mobile telephone. Analysis of the data may be used for preventative maintenance or to help identify failure modes.
100 years of service that never stops

CompAir is recognised as a world leader in the application and manufacture of compressor systems, dedicated to delivering excellence in innovation, design and quality.

Even more important, is acknowledged leadership in providing post-installation technical service and on-site backup at speed and quality levels that are the cornerstone of our global reputation.

Before the delivery of larger installations, a service engineer will visit the installation site to ensure that the system will commission and operate successfully. A tailor made service and maintenance schedule is established for each of our customers.

CompAir compressors are sold and serviced in over 120 countries throughout the world.
Intelligent Air Technology

Compressed air solutions for every application

Compressors
0.1 - 43m³/min
0.75 - 450kW
up to 414 bar g

Lubricated
Rotary Vane
Single Stage Screw
Speed Regulated Screw
Piston
Portable

Oil-Free
Two Stage Screw
Water-Sealed Screw
Piston
Portable

Complete Accessories Programme
Filters and Dryers
Cooling Systems
Heat Recovery
Condensate Management
Air Receivers
Multi-Set Controllers
Lubricants

Value Added Services
Air Audit
Performance Reporting
Utility Air
Performance Contracting

Complete Service for Compressed Air Technology
Engineering of Complete Compressor Stations
Local Service Centres
Guaranteed Parts Availability

CompAir

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

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