

## H-Series: Centrifugal compressors for air and nitrogen, discharge pressures up to 32 bar.


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The H-Series centrifugal compressor marks the culmination of more than 100 years of Atlas Copco experience in air compression. Anchored in innovative engineering and manufacturing techniques, this compressor combines premier technology for the delivery of oil-free compressed air. The H-Series serves the requirements of many industries, from air separation, chemical, petrochemical, process air etc. It is widely known and accepted as an efficient, dependable and cost-effective compressor solution that comes as a standard package but also fully engineered to API specifications. The H-Series handles flow volumes up to 50 000 m<sup>3</sup>/h in multi-stage configurations and 85 000 m<sup>3</sup>/h for single-stage compressors

### Customer benefits

**Optimized performance** - Quality-engineered components optimize the performance and reliability of your process.

**Maximum efficiency** thanks to the exclusive H-Series impeller design.

**Customer-driven product** that fully meets your requirements in a broad range of industries and applications.

**Energy savings** due to deployment of adjustable inlet guide vanes.

**Localized packaging** possible.

### Additional information

**Brochure Driving Centrifugal Compressor Technology\_Gas and Process** (6189kB, Pdf document) - [Download](#)

**CT Product Catalogue** (1486kB, Pdf document) - [Download](#)

### Technical data

 Units: [Metric](#) [Imperial](#)

Technical Specifications	
Max. suction pressure	116 psia
Max. discharge pressure	446.1 psia
Effective inlet flow range	2060 - 50029 cfm
Suction temperature	-40 - 122 °F
Stages	1 - 6
Gases handled	Air, Nitrogen

### Total customer care

Your bottom line, maximum availability of our equipment at minimum total operating cost, is the top priority for all of us at Atlas Copco. Our way of achieving that builds on interaction, on long-term relationships and involvement in your processes, needs and objectives.

Our organization and people are committed to the maximum operational availability and efficiency of your compressed air network. Total customer care is our goal at any level of service interaction with you; from standardized genuine parts over tailor-made service plans to remote monitoring and optimization.

We want you to see Atlas Copco as a real performance partner that can contribute to the productivity of your processes. The best way of taking care of your interest is by taking the best care of your equipment.

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### **Save energy**

With their detailed and extensive knowledge of compressed air, our energy and air consultant engineers will be able to determine an acceptable operating balance, that is both within the capabilities of your compressors and also adequate to satisfy your production with minimized operational running costs.

[Read more about Save energy](#)

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### **Monitor your products**



Keeping an eye on your equipment at all times is the best way for Atlas Copco to prevent production loss due to a breakdown. This inside view on your operation allows us to plan for maintenance pro-actively.

[Read more about Monitoring](#)

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### **Customer support plans**

What you need is a solution to keep your production optimal at all time and preferably at the lowest operating cost. Our specialized advisors will visit your production facilities and assess your specific needs. This allows us to propose the most cost effective Customer Support Plan for your maintenance needs.

[Read more about Support Plans](#)

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### **Upgrade your product**

Our upgrade kits are the result of continuous engineering work to make the latest technology available for your existing equipment range. This will inevitably improve the key performance features such as energy consumption and reliability. Intelligent use and the sustained health of core parts are the basic requirements for the lifelong optimum availability of your equipment.

[Read more about Product upgrades](#)

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### **Genuine parts**

Because Atlas Copco genuine parts are built according to the same quality standards as your compressor, you are guaranteed that your production, even after servicing your compressor, will remain at the same high level.

[Read more about Genuine parts](#)