

Contact-Cooled Rotary Airend Reman

Ingersoll Rand is a Global manufacturer with extensive expertise in the design, production, and maintenance of air compressors. Renowned for its innovative product range, exceptional service, and reliability, the company has earned strong customer recognition. In the field of air compressor remanufacturing and overhaul, Ingersoll Rand offers professional workshops, advanced technology, precise craftsmanship, and rigorous quality control. Its comprehensive overhaul solutions and diverse service offerings address the evolving needs of customers, ensuring optimal efficiency and value in air compressor operations.

The Ingersoll Rand Remanufacturing Program, guided by sustainable development principles, revitalizes existing equipment through specialized processes that transform old machinery into renewed systems. This approach promotes energy efficiency, environmental conservation, and extends equipment lifecycle, delivering both economic and ecological benefits.

Why is it crucial to overhaul air compressors?

As compressors operate under high temperature and high load for a long time, its performance may deteriorate along with the increase in service life due to mechanical wear, corrosion, aging and improper maintenance and etc. Periodic overhauls helps to eliminate these potential risks and restore good compressor performance.

Signs of Deteriorating Performance

- Reduced efficiency & air capacity
- High vibration & noise
- Aged components with a high failure rate
- Airend & main motor malfunction
- High-temperature alarm cannot be solved via onsite repair

Benefits of Timely Overhauls

- Higher efficiency & lower unit energy consumption
- Improved reliability and safety
- Minimize unplanned downtime
- Reduced repair cost
- Resolving complex technical issues

Ingersoll Rand Reman Value Proposition

- Professional reman center, clean workshops and professional equipments
- Ability to conduct up to 18 overhaul processes
- Genuine IR spare parts
- Detailed and professional overhaul report
- Extended warranty
- ISO 9001:2008
- ISO 14000:2004

Business Scope

Ingersoll Rand offers customers two innovative business models tailored to their needs: **Back-to-factory** and **exchange**, which include six different airend Reman solutions to meet various customer requirements. Our customers are ensured a peace of mind with a 12-month warranty on all genuine Ingersoll Rand airend reman parts.

Airend Reman

1. Exchange

- Airend exchange for refurbished airend
- Airend exchange for new airend

2. Back-to-factory overhaul



In addition to the six different airend reman services mentioned above, we also offer new airend spare parts services and energy saving rotary complete overhaul and upgrade.



Overhaul Service

Ingersoll Rand's overhaul service is designed for customers who need maintenance and repair work on their existing compressors. We priced our services based on whether the airend is rotatable. This enables quick quotes based on airend damage level.



■ Advanced Process & Quality Control:

- Complete processes, including disassembly, cleaning, inspection, clearance adjustment, painting and etc
- Professionally trained & certified skilled overhaul & maintenance technicians
- Stringent quality control with Certified quality assurance and customer service centers

■ Widespread Service:

- Nationwide service network for quick onsite service
- Professional overhaul service for more than 1,000 customers in APAC yearly

■ High Reliability:

- Scheduled unit Reman for more elaborate work
- Professional genuine repair and inspection ensures the unit meet all operational requirements

Exchange Service

Ingersoll Rand provides 4 types of Airend Exchange Services for customers with no backup compressors. Once the replacement airend arrives in our customer's premises, we can complete the installation immediately.



■ "No Wait" Lead Time:

- On-site disassembly and assembly of overhauled airend
- Shorter exchange period for less downtime loss of customers

■ Reduced Operational Cost:

- Greatly reduced operational cost for customers
- Reduced unit operational risks and cost of customers due to high reliability

■ Simple Operation Process:

- Simple process from contract signing to assembly to startup
- No secondary confirmation for simplified customer approval process

Actual Cases



Ingersoll Rand Inc. (NYSE:IR), driven by an entrepreneurial spirit and ownership mindset, is dedicated to Making Life Better for our employees, customers, shareholders, and planet. Customers lean on us for exceptional performance and durability in mission-critical flow creation and industrial solutions. Supported by over 80+ respected brands, our products and services excel in very complex and harsh conditions. Our employees develop customers for life through their daily commitment to expertise, productivity, and efficiency. For more information, visit www.IRCO.com.



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