



IDENTIFIER GUIDE

- **World Class Quality & Support**
- **Robust, Product-Specific Packaging**
- **Identification Marks & Branding**
- **International Distribution & Support Network**



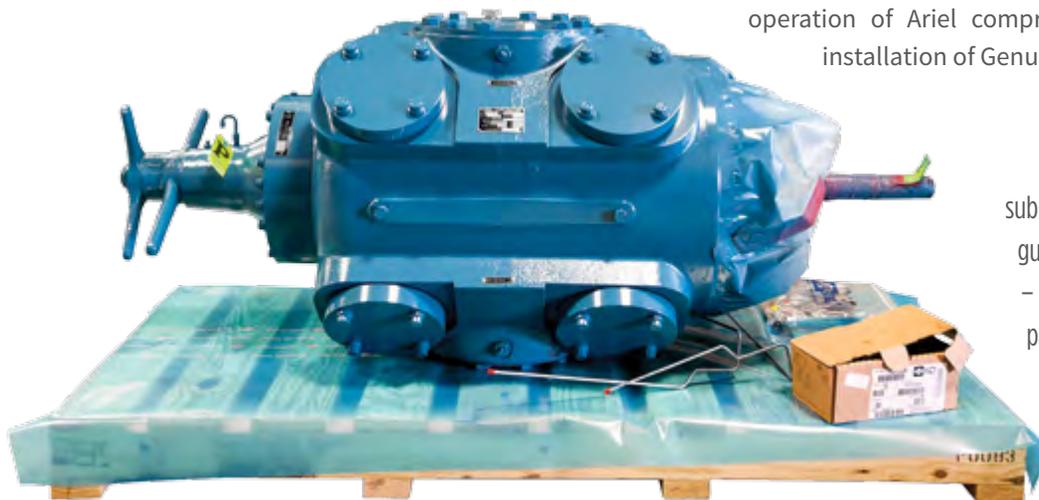
Ariel's "Necked-Down"
Piston Rod Design

Ariel Quality Assurance

The major components of an Ariel compressor can be identified in a number of ways. Primarily, the surface finish of an Ariel component is free of burrs, rough edges and other imperfections. Precision tolerances are also a mark of Ariel quality. High-grade, anti-corrosive Ariel blue paint is used and applied in a smooth consistent manner. Ariel piston rods and cylinder bores undergo ion-nitride treatment for long service life. As well, look for the necked-down, rolled threads on Ariel piston rods; don't settle for lesser "cut" quality.

Genuine Ariel Parts – more than replacement parts. From routine maintenance to overhauls to re-configurations, Ariel and Ariel Distributors offer the know-how and technology to keep your compressor running like new.

- **Ariel Distributor Expertise** – Only the most qualified companies can become Ariel Distributors.
- **Ariel Customer Support** – Ariel's global team of experienced Aftermarket Regional Managers are ready to serve you with local support. The **Ariel Response Center** and **Technical Sales Representatives** offer a wealth of resources, including "as-built" compressor data, advice on reconfigurations, and recommended spare parts lists.
- **Ariel R&D Center** – Ariel engineers work hard every day to make sure your Ariel compressor and Genuine Ariel Parts are the best available in terms of material, manufacturing quality and application.
- **Ariel Training Center** – The free training courses provided at Ariel's facilities ensure that operators and mechanics will understand efficient and safe operation of Ariel compressors and proper installation of Genuine Ariel Parts.



Ariel also offers large components and sub-assemblies like frames, guides and loose cylinders – expertly assembled and packaged by Ariel factory personnel at no additional cost.



Packaging

- Product-Specific
- Double-Walled
- IPSSI Export Compliant
- Protective Internal Packaging
- Ariel Bagged & Labeled Parts
- International Documentation

Genuine Ariel Parts are prepared with product-specific packaging and comprehensive international documentation. This all-inclusive approach to shipping allows for safe and timely delivery both domestically and across borders.



Ariel Genuine Parts can come packaged inside bags labeled with a blue Ariel logo and with a printed barcode label featuring the Ariel logo as well.



**GENUINE
ARIEL PARTS**

IDENTIFIER GUIDE



Valves

Drawing on nearly 50 years of design and operating experience, Ariel valves and components are available in application-specific designs that are manufactured to exacting standards.



Built specifically for the reliability and efficiency of high-speed compressors, genuine Ariel valves are etched with the Ariel logo, and the part numbers are roll-stamped along the outer edge of each seat and guard.



Ariel's high-performance, impact resistant materials are easily identifiable. All non-metallic genuine Ariel valve plates are laser etched with the Ariel logo and part number.

Packings

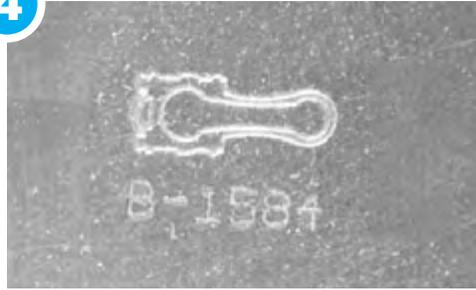
Covering the same wide range of compression applications as Ariel cylinders, packing cases are offered for use at pressures from vacuum to 8000+ psi. For lubrication, venting, purging, cooling and custom applications, Ariel has the answer.

3



Built for extended service life, each genuine Ariel packing case is clearly stamped on the packing flange face with the Ariel logo and part number.

4



Compact and durable, genuine Ariel wiper packing cases are stamped with the Ariel logo and part number on the outer wiper cup face.

3



Valve Components

Manufactured to Ariel's exacting engineering specifications, genuine Ariel valves are designed and field-proven to perform in a wide range of operating conditions. Supporting the adaptability of your compressor, genuine Ariel valves are available in thousands of combinations of plate, ring, actuated and concentric valve designs. Paired with proprietary X Blend non-metallic sealing elements, superior metallic plates and high quality springs, genuine Ariel valve components lead the industry in reliability and efficiency.





4

BTUU | **Proprietary Uncut Packing Ring Technology**

Designed to last longer and operate with extremely low fugitive emissions, BTUU uncut ring technology utilizes Ariel's unique "necked-down" piston rod design, which allows for the installation of uncut ring sets. Uncut ring technology replaces radial cut back-up rings in Ariel's standard ring set. By eliminating the leak paths associated with conventional segmented rings, BTUU ring sets generate less frictional heat and improve gas flow sealing. Identified by the two uncut sealing rings, BTUU packings offer operational efficiency and reduced maintenance cost for your Ariel compressor.

Lubrication



Ariel filters use a tighter media for filtration, allowing for efficient filtration, retaining 98% of particulate at 15 microns and larger. Check for the Ariel logo on the cap of canister style filter elements.

Ariel's redesigned force-feed lubricator pumps improve priming and lower camshaft rolling resistance. Identify your genuine Ariel pump, size and part number on the blue data tag.

Precision manufacturing techniques ensure critical tolerances are met. Divider valves and baseplates are laser etched with the Ariel logo.



Bearings & Bushings



Designed to support the integral running gear of an Ariel compressor, genuine Ariel bearings and bushings are manufactured with versatile materials to exacting dimensions and crush points.

Genuine Ariel main bearings are stamped with a frame outline, and rod bearings marked with a conrod outline.



Ariel Global Parts Distribution Network



Ariel Genuine Parts are designed and manufactured to exacting specifications for the efficient operation and long service life of your Ariel compressor. To assure that you are receiving the exact Genuine Ariel Parts that your compressor requires, procure them from one of fifty Ariel Parts Distributors with over 600 locations around the world. For a complete list of Ariel Distributors, please visit www.arielcorp.com/parts.

ARIEL REGIONAL SALES AND SUPPORT LOCATIONS

Calgary, AB, Canada
Denver, Colorado
Fort Worth, Texas
Houston, Texas
São Paulo, Brazil

Mount Vernon, Ohio
(World Headquarters)
Maastricht, Netherlands
Moscow, Russia
Dubai, UAE

Mumbai, India
Bangkok, Thailand
Singapore
Beijing, China
Sydney, Australia