

Looking for a durable, high-performance compressed air solution for your specific industrial application? BRÄTSCH LF oil-free aluminium piston air compressors stand for exceptional reliability and extremely low operating costs – and are virtually maintenance-free. LF compressors are 100% oil-free, so are ideal for your applications where oil cannot be tolerated. Incorporating state-of-the-art technology, LF compressors deliver the lowest operating temperatures in the industry while offering superb quality air. High-quality materials ensure reliable performance and extra long life. The LF range is suitable for stand-alone use or easy integration in your OEM product. Also where maintenance-free compressed air is required, LF units are the best solution.

### Advantages

- **High reliability** – Thanks to a unique, robust design and the optimal combination of quality materials, LF compressors offer improved performance and extended product life.
- **Certified 100% oil-free air** - LF compressors provide 100% pure, clean air, complying with ISO 8573-1 CLASS 0 (2010) certification. CLASS 0 means zero risk of contamination; zero risk of damaged or unsafe products; zero risk of losses from operational downtime; and zero risk of damaging your company's hard-won professional reputation.
  - **Easy maintenance** – All components and service points are easily accessible.
  - **Low running costs** – Operational costs are limited over a long product lifetime.
  - **Saving floor space** – The compressor block which is directly coupled to the motor is manufactured using lightweight materials and provides excellent cooling characteristics: ideal for integration with limited space requirements.
  - **Quiet operation** – The LFX is standard outfitted with a silencing hood. These compressors achieve noise levels as low as 62 dB(A), allowing installation close at the point of use.
  - **Full compliance** – LFX MED systems are pre-certified to simplify your certification process on installation. They are designed and manufactured according to ISO 9001, ISO 14001 and the ISO 13485:2003 quality management system, and surpass the requirements of the most demanding standards and regulations such as:
    - Medical Device Directive MDD 93/42/EEC
      - European pharmacopoeia
      - EN ISO 7396-1
      - ISO 14971
      - Health Technical Memorandums HTM 02-01 and HTM 2022 (as part of a system)
      - Class 0 certificate

### **Versatile air for a wealth of applications**

Whether you choose a standard package or one designed specifically for your OEM needs, BRÄTSCH L range offers a compact and reliable solution for a wealth of applications. From snow guns over marine starting air to railway applications, L compressors offer you exceptional flexibility, the widest product scope and extreme durability.

### **Compact & space-saving**

The compressor block which is directly coupled to the motor is manufactured using light-weight automotive-type materials which provide excellent cooling characteristics: ideal for integration with limited space requirements. All L compressors boast a V-shaped 2-cylinder set-up providing low vibration levels on all sizes while the crank case breather on both the LE and LT ensures no oil containing air is generated from the crank case.

### **Exceptional reliability**

Thanks to its unique, robust design and combination of automotive materials, the L compressor offers improved performance and extended product life. Maintenance is straightforward as well as all components and service points are easily accessible. Operational costs are limited and breakdowns are virtually eliminated, ensuring the continuity of your production. The L piston compressor range is tested using the most stringent methods in the industry. You can rest assured at all times: severe certification and testing procedures are conducted to ensure air is supplied to the highest standards of quality control. To further reduce any type of contamination within your process and protect your equipment, BRÄTSCH presents a complete range of compressed air filters and dryers.

### **Built for endurance**

## **LF-LFX series**

Written by Manager

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- Designed using state-of-the-art tools and facilities.
- Based on years of extensive research and development.
- Manufactured using the highly advanced production line and methods in the industry.