

Oil-free rotary screw compressors, 22-500 kW / 30-700 hp ZE/ZA (VSD)

Especially in harsh and dusty environments, a reliable supply of 100% certified oil-free compressed air is critical to ensure production continuity. Atlas Copco's low pressure ZE/ZA compressors fulfill this demand by offering a constant air Capacity FAD at minimal energy costs. Integrated Variable Speed Drive (VSD) variants precisely and automatically tune the compressor Capacity FAD to the process air demand and hence limit the energy consumption to the absolute minimum possible.

CUSTOMER BENEFITS

- **Highest reliability** – ZE/ZA compressors stand for durability and reliability. They incorporate Atlas Copco's proven screw technology, stainless steel coolers, AGMA A4/DIN 5 gears and state-of-the-art electrical drive systems, all of which contribute to overall high reliability. ZE/ZA compressors are built using long-standing internal engineering practices, and are manufactured and tested according ISO 9001.
- **Certified 100% oil-free** – ZE/ZA compressors provide you with 100% pure, clean air that complies 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. In 2006 Atlas Copco was the first manufacturer in the world to receive such certification on an oil-free compressor.
- **Reduced energy costs** – With an air circuit designed to avoid and reduce pressure drops, the ZE/ZA is built to save energy. Features like VSD drive and state-of-the-art oil-free compression element greatly enhance energy savings.
- **Easy installation** – The compact design eliminates the need for extras and reduces installation to an absolute minimum, saving you time and money. Built for easy integration in your existing compressed air network, ZE/ZA compressors are up and running in no time.



Technical specifications	Metric	Imperial
Capacity FAD	67-2105 l/s	67-2105 l/s
Capacity FAD	241 - 7578 m³/h	141,7-4455,86 cfm
Working pressure	1-4 bar(e)	14,5-58 psig
Installed motor power	22 - 500 kW	30 - 700 hp