



EnzAir
COMPRESSION SYSTEMS

EZ- VSD Silenced Variable Speed Rotary Screw Air Compressors

4kW- 75kW



About the Range

Maximum Working Pressure – 10 Bar

Motor Size Range – 4kW through to 75kW

Flow Rate Range – 13 CFM through to 440 CFM

The EnzAir EZ-VSD Series compressor is a horizontal design contact cooled rotary screw air compressor, optimised for many applications from small/ medium size workshops to heavy industrial manufacturing plants.

The EnzAir EZ-VSD series is controlled via an industry leading PLC control system linked to a variable frequency drive directly powering an IE5 motor. The system uses a digital pressure control system which tracks the air demand that in turn increases and decreases the motor speed depending on air demand. This vastly reduces the power consumption of the compressor package. On top of the energy savings this increases the life cycle of the airend through reduced bearing wear, which in turn minimises energy consumption.



Range Features

Engineered with the customer at the heart of the design this range of machines is a compact, robust and affordable solution, providing a quiet and reliable source of air for your business.

- Compact Footprint
- Variable Frequency Drive Control & Soft Start
- IE5 Ultra Premium Efficiency Motor Direct Drive Transmission
- Fully Silenced Enclosure
- Oversized Thermostatically Controlled Cooling Fan and Combination Cooler Equalling Quieter Operation
- Full Cooling Circuit Thermal Overload Protection
- Motor Overload Protection
- Maintenance Timers & Fault Log
- Easy To Use Control Panel with Real Time Insights
- Ease of Maintenance by External Spin On Service Parts
- Formed Steel Oil Pipes, for Reduced Risk of Leakage
- ≤ 3 PPM Oil Carryover



Service and Maintenance

Genuine spare parts, service and efficient service support helps to ensure the operation of your EnzAir compressors is cost effective and reliable. Packaged service kits and specially formulated, high performance EnzAir Screwshield Pro Rotary Screw Compressor Lubricant (factory filled) ensures industry leading performance.

Easy to Maintain

Routine service and maintenance is easy to perform, with quick and easy access to all the major service parts, coupled with a packaged design that developed around maintenance



Downstream Accessories

In any compressed air system, the quality of air is paramount. Clean air not only protects your equipment and ensures product quality but also enhances overall system efficiency and reliability. Our comprehensive air treatment solutions are engineered to ensure your system delivers clean, dry, and reliable air for any application. Here's how we elevate your air quality.

Refrigeration Dryers

Our range of dryers, including refrigerated, desiccant, and membrane options, effectively remove moisture, ensuring a consistent supply of dry air. This is crucial for applications where moisture can cause problems or compromise quality.



Inline Filtration

Our advanced filters remove dust, particulates, oil, and other contaminants, safeguarding your equipment and end products. Available in four different grades, they ensure that the air meets stringent industry standards and purity requirements.

Condensate Management

Our condensate management systems include include automatic drains through to oil/water separation units effectively collecting and treating condensate, separating oil from water for safe disposal.



Model Data

| Model | Max Pressure | Motor Size | Phase & Voltage | Flow Rate @ 7 Bar (cfm) | Flow Rate @ 10 Bar (cfm) | LxWxH (mm) | Weight (Kg) | Noise Db(A) |
|----------|--------------|---------------|------------------|-------------------------|--------------------------|------------|-------------|-------------|
| EZ4-VSD | 10 Bar | 4kW (5.5Hp) | Three Phase 400V | 18 | 16 | Varies | Varies | 65±2 |
| EZ5-VSD | 10 Bar | 5.5kW (7.5Hp) | Three Phase 400V | 24 | 22 | Varies | Varies | 65±2 |
| EZ7-VSD | 10 Bar | 7.5kW (10Hp) | Three Phase 400V | 43 | 32 | Varies | Varies | 65±2 |
| EZ11-VSD | 10 Bar | 11kW (15Hp) | Three Phase 400V | 59 | 46 | Varies | Varies | 70±2 |
| EZ15-VSD | 10 Bar | 15kW (20Hp) | Three Phase 400V | 89 | 71 | Varies | Varies | 70±2 |
| EZ22-VSD | 10 Bar | 22kW (30Hp) | Three Phase 400 | 136 | 113 | Varies | Varies | 69±2 |
| EZ30-VSD | 10 Bar | 30kW (40Hp) | Three Phase 400V | 180 | 170 | Varies | Varies | 72±2 |
| EZ37-VSD | 10 Bar | 37kW (50Hp) | Three Phase 400V | 220 | 195 | Varies | Varies | 72±2 |
| EZ45-VSD | 10 Bar | 45kW (60Hp) | Three Phase 400V | 254 | 240 | Varies | Varies | 73±2 |
| EZ55-VSD | 10 Bar | 55kW (75Hp) | Three Phase 400V | 370 | 325 | Varies | Varies | 74±2 |
| EZ75-VSD | 10 Bar | 75kW (100Hp) | Three Phase 400V | 422 | 362 | Varies | Varies | 75±2 |