

Oil-Free Air Compressor

This oil-free air compressor delivers a consistent supply of clean air. Its design minimizes maintenance needs and ensures suitability for sensitive applications.



ADDITIONAL IMAGES



Product Overview

High-Performance Oil-Free Air Compressor

This professional-grade oil-free air compressor combines elegant industrial design with advanced pneumatic technology. Engineered for efficiency, it features a patented cooling system that significantly reduces operating temperatures, extending the service life of core components. Its oil-free operation ensures clean air delivery, making it an ideal solution for sensitive environments while eliminating the need for routine lubrication and oil filter maintenance.

Compliance & Standards

CE Certified, 2006/42/EC Machinery Directive, 2014/30/EU Electromagnetic Compatibility, EN ISO 12100:2010, EN 60204-1:2018

Key Performance Metrics



Compact design with high flow rate, capable of supporting three nail guns simultaneously.

Performance Highlights

170 L/min

Max Air Displacement

900 W

Input Power

5 L

Tank Capacity

75 dB

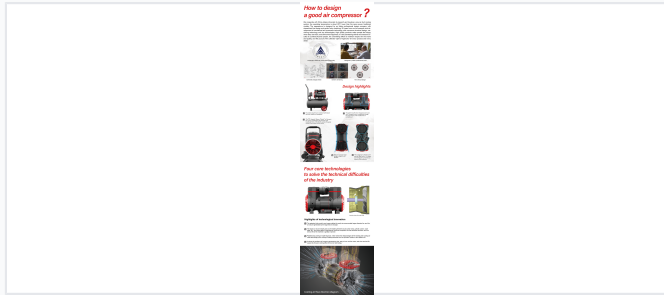
Noise Level

Technical Specifications

Technical Data

Parameter	Specification
Voltage Compatibility	110-120V / 220-240V
Motor Speed (50Hz)	2800 rpm
Motor Speed (60Hz)	3400 rpm
Air Flow @ 8bar	60 L/min
Air Flow @ 4bar	110 L/min
Gross Weight	11 kg
Package Dimensions	32 x 29.5 x 45 cm

Features & Advantages



Engineered with a patented cooling system that reduces operating temperatures by 20°C.



Comparison of oil-free performance versus traditional direct or belt-drive compressors.

Key Advantages

- Oil-free design eliminates contamination risks and reduces maintenance costs
- Advanced air duct cooling system reduces operating temperature by approximately 20°C
- Patented top cooling air outlet structure prevents motor burnout
- Four-axis CNC machined core components for high precision and stability
- Suitable for continuous operation in high-temperature environments
- Low-voltage start capability with high-quality silicon steel motor