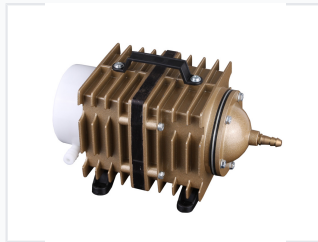


Electromagnetic Air Compressor Pump

This electromagnetic air compressor pump operates without oil, reducing noise and air pollution. Its cylinders and pistons are made from durable materials, ensuring minimal wear and long-term reliability.



ADDITIONAL IMAGES



Overview

High-Efficiency Electromagnetic Air Compression

The ACO series electromagnetic air compressor pump is engineered for high-performance aeration and oxygenation in aquaculture, wastewater treatment, and industrial processes. Featuring an oil-free design and high-quality aluminum alloy construction, it ensures rapid heat dissipation and a long service life with minimal wear. This compact and energy-efficient solution provides stable airflow with significantly lower power consumption compared to traditional structures.

Performance Highlights

Key Performance Metrics

520 W

Max Power

450 L/min

Max Output

0.05 MPa

Max Pressure

Technical Specifications

TECHNICAL TABLE

| (Model) | (Voltage) | (Power) | (Pressure) | (Output) | (Weight) | (Dimensions) |
|---------|-------------|---------|------------|-----------|-----------|---------------|
| ACO-001 | 220V/50Hz | 20W | 0.016MPa | 20L/min | 1kg | 156x82x104mm |
| ACO-002 | 220V/50Hz | 35W | 0.03MPa | 40L/min | 1.2kg | 161x94x112mm |
| ACO-003 | 220V/50Hz | 45W | 0.03MPa | 50L/min | 1.6kg | 181x94x118mm |
| ACO-004 | 220V/50Hz | 55W | 0.035MPa | 60L/min | 2.4kg | 198x99x132mm |
| ACO-005 | 220V/50Hz | 80W | 0.035MPa | 70L/min | 2.8kg | 212x99x132mm |
| ACO-006 | 220V/50Hz | 105W | 0.04MPa | 85L/min | 3.3kg | 223x101x152mm |
| ACO-007 | 220V/50Hz | 120W | 0.04MPa | 90L/min | 3.8kg | 248x101x152mm |
| ACO-008 | 220V/50Hz | 138W | 0.04MPa | 100L/min | 4.5kg | 259x135x167mm |
| ACO-012 | 220V/50Hz | 185W | 0.042MPa | 150L/min | 4.8kg | 278x135x171mm |
| ACO-818 | 220V/50Hz | 385W | 0.05MPa | 300L/min | 6.5kg | 305x155x188mm |
| ACO-016 | 220V/50Hz | 520W | 0.05MPa | 450L/min | 8.8kg | 340x170x202mm |

Comprehensive technical data for the ACO series range, showing power, pressure, and output variations.

Model Comparison Data

| Model | Power (W) | Pressure (MPa) | Output (L/min) | Weight (kg) |
|---------|-----------|----------------|----------------|-------------|
| ACO-001 | 20 | 0.016 | 20 | 1 |
| ACO-002 | 35 | 0.03 | 40 | 1.2 |
| ACO-003 | 45 | 0.03 | 50 | 1.6 |
| ACO-004 | 55 | 0.035 | 60 | 2.4 |
| ACO-005 | 80 | 0.035 | 70 | 2.8 |
| ACO-006 | 105 | 0.04 | 85 | 3.3 |
| ACO-007 | 120 | 0.04 | 90 | 3.8 |
| ACO-008 | 138 | 0.04 | 100 | 4.5 |
| ACO-012 | 185 | 0.042 | 150 | 4.8 |
| ACO-818 | 385 | 0.05 | 300 | 6.5 |
| ACO-016 | 520 | 0.05 | 450 | 8.8 |

Standard Voltage

220V / 50Hz

Design & Construction

Build Quality

- Durable aluminum alloy casing for rapid heat dissipation
- High-quality cylinder and piston materials for low wear
- Finned metal housing for thermal management
- Integrated handle for portability
- Rubber feet for vibration dampening and stability

Drive Mechanism

Electromagnetic Motor

Operational Advantages

Operational Benefits

Oil-Free, Low Noise, Energy Saving, Compact Design, Smooth Operation, Low Maintenance