

Single-Stage Rotary Vane Vacuum Pump

This single-stage rotary vane vacuum pump is designed for evacuation and maintenance of refrigeration and air conditioning systems. It features a large sight glass to prevent oil-low and a handle designed for solid, comfortable grip.



ADDITIONAL IMAGES



Overview



Engineered for efficient evacuation of refrigeration systems with flow rates from 2CFM to 10CFM.

Professional Single-Stage Rotary Vane Vacuum Pump

This high-performance vacuum pump is engineered specifically for HVAC&R applications, providing efficient evacuation and dehydration of refrigeration and air conditioning systems. Featuring an integrated tank to maximize vacuum levels and a large sight-glass to monitor oil levels, it ensures reliable operation during maintenance. The robust design includes a high-strength rubber handle for comfort and a shock-absorption base plate for enhanced stability during use.

Key Features

Design Highlights

- Integrated tank design for maximum vacuum efficiency
- Large oil sight-glass for easy monitoring
- High-strength rubber and metal handle for durability
- Shock absorption base plate for stable operation
- Built-in vacuum gauge for real-time monitoring

Performance Metrics

Performance Highlights

0.8 Pa

Ultimate Vacuum (Partial Pressure)

60 Micron

Total Pressure

1440 r/min

Rotating Speed (50Hz)

Technical Specifications

K-Series Model Comparison

| Model | Flow Rate (50Hz) | Power | Oil Capacity | Weight |
|---------|------------------|--------|--------------|---------|
| TW-1K | 2 CFM / 60L/min | 1/4 HP | 250 ml | 5.1 kg |
| TW-1.5K | 3 CFM / 90L/min | 1/4 HP | 200 ml | 6.2 kg |
| TW-2K | 4 CFM / 120L/min | 1/3 HP | 250 ml | 8.0 kg |
| TW-3K | 6 CFM / 180L/min | 1/2 HP | 400 ml | 9.8 kg |
| TW-4K | 8 CFM / 240L/min | 3/4 HP | 650 ml | 14.5 kg |

Inlet Port Size

1/4" SAE

Applications

Recommended Applications

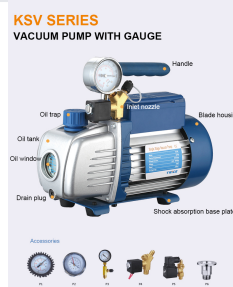
Refrigeration Maintenance, Printing Machinery, Vacuum Packaging, Gas Analysis, Extraction Operations, HVAC&R Dehydration

Compliance

Certifications

CE

Physical Components



Detailed view of pump components including the oil tank, handle, inlet nozzle, and shock absorption base plate.

Main Components

- Oil Trap
- Blade Housing
- Inlet Nozzle
- Oil Drain Plug
- Vacuum Gauge