

# 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

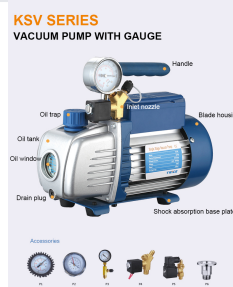
Refrigeration Maintenance, Printing Machinery, Vacuum Packaging, Gas Analysis, Extraction Operations, HVAC&R Dehydration

## 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