

# Vacuum System with Root, Air Jet, and Water Ring Pumps

This comprehensive vacuum system integrates a root pump, air jet pump, and water ring pump for robust and efficient vacuum generation. The integrated design ensures optimized performance, reduced footprint, and simplified maintenance.



## Product Overview

### Integrated Vacuum Technology

This comprehensive vacuum system integrates root, air jet, and water ring pumps to provide a robust solution for high-performance industrial vacuum generation. The combination enhances pumping speed, manages high gas loads effectively, and maintains consistent vacuum levels even when handling condensable vapors. Designed for efficiency, the integrated architecture offers a reduced physical footprint and simplified maintenance procedures for long-term reliability.

## System Configuration

Integrated Pump Types

Root Pump, Air Jet Pump, Water Ring Pump

## Performance Metrics

### Key Performance Areas

**1 High**

Vacuum Stability

**1 Condensable**

Vapor Handling

## Application Suitability

### Target Industrial Processes

- Chemical Processing
- Vacuum Distillation
- Industrial Drying