

# Positive Displacement Roots Blower

This positive displacement blower delivers a constant volume of air with each revolution. The blower's robust design ensures durability and efficient air movement for various industrial applications.



## ADDITIONAL IMAGES



## Product Overview

### Positive Displacement Roots Blower

This three-lobe roots blower is a precision-engineered positive displacement compressor designed for consistent air and gas handling. Utilizing a robust tri-lobed rotor design, it delivers steady airflow with minimized pulsations and noise. The unit is optimized for heavy-duty industrial applications, including wastewater treatment, pneumatic conveying, and chemical processing, featuring high-quality construction for durability.

## Technical Specifications

Cooling Activation Pressure	58.8 Kpa
Cooling Water Pressure Range	196-294 Kpa
Max Cooling Water Temperature	25 °C

## Operational Features

### Flow Adjustment

- Regulating rotational speed
- Overflow tubing adjustment

### Drive Mechanism

V-Belt Driven, Three-Lobe Rotor Design

## Applications

### Common Industrial Applications

Wastewater Treatment • Pneumatic Conveying • Chemical Processing • Gas Boosting