

# APD-RC SERIES

## Rotary Claw Vacuum Pumps



## Technical Specifications

The APD-RC Series positive displacement vacuum pumps feature a compact rotary claw design that is air-cooled, dry-running and non-contacting. These features help to eliminate internal wear and general maintenance, cutting down on parts to replace as well as maintain.

With a zero-friction pumping chamber, along with high volumetric efficiency, the APD-RC helps keep costs down by reducing energy usage by 20-50%, and operating costs are almost eliminated because of the maintenance-free design.

The APD-RC rotary claw vacuum pumps are directly driven by a flanged motor, and the two rotors are synchronized by gears. A wide range of accessories allows optimum adaption to many applications.

## Features

### Standard Features

- 4 - 15 HP Models
- 1.5" OD, 2.0" OD, 2.5" OD and 3.0" OD Line Sizes Available

### For High-Vacuum Applications and Long Conveying Runs, Choose the APD-RC Series:

- APD-RC models produce higher vacuum levels versus traditional pumps, but use 20-50% less energy
- No more plugged conveying lines with higher material throughputs and smaller line sizes
- Convey long distances and eliminate starved machines
- Easily expand your system without costly upgrades
- Minimal maintenance required
- Low-noise emissions at about 80 dba

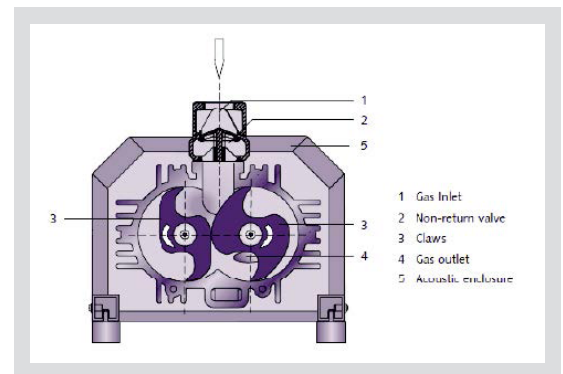
### How It Works

Inside the pump housing, two claw-shaped rotors take in air as they rotate in opposite directions. The air is compressed by the rotors, then discharged through a silencer to the atmosphere.

The non-return valve incorporated into the inlet flange prevents air from back flowing into the vacuum chamber when the pump is turned off.

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With a wide range of accessories, the APD-RC can adapt to many applications.



### Specifications

Line Size	Model	HP
1.5" OD	APD-4-RC	4
2.0" OD	APD-6-RC	6.4
2.5" OD	APD-9-RC	8.7
3.0" OD	APD-15-RC	15