



Claw Vacuum Pumps

Description

The positive displacement vacuum pumps feature a compact rotary claw design that is air cooled, dry-running and noncontacting. These features along with quality construction results in a pump that offers extremely high reliability and a long service life.



Ultra Low Maintenance

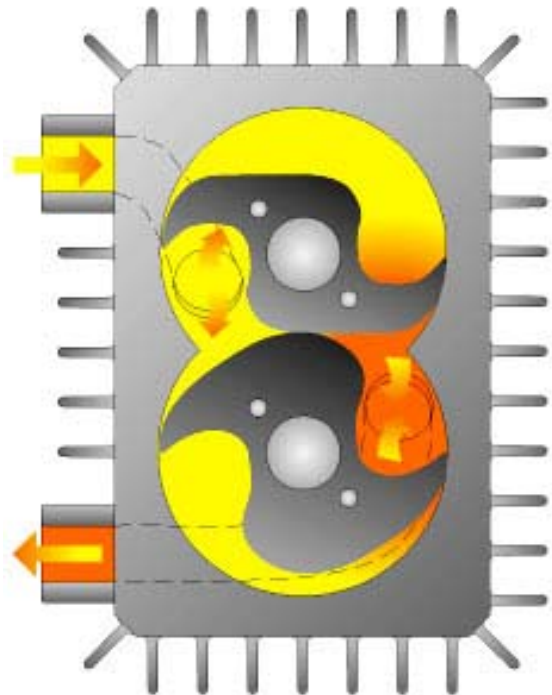
Non-contacting design – eliminates internal wear and parts to replace Air cooling no water levels to check and no cooling system to maintain Dry running – no sealing or lubricating oil is needed in the pumping chamber, so there is minimal maintenance.

Economical

Operating costs are low because of the maintenance-free design and the reduced power requirements made possible by the high volumetric efficiency along with a zero-friction pumping chamber.

Operating Principle

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 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. Rotary claw vacuum pumps are directly driven by a flanged motor, and the two rotors are synchronized by gears.





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Technical Information

Pump Type:	43 CFM, 28hg Claw Pump
Motor:	2 hp
Power:	190-240v 7 amp / 380-480v 3.7 amp
Dimensions:	38-11/16" L, 16-9/16" W, 16-1/4" H
Noise Level:	50 dBA

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