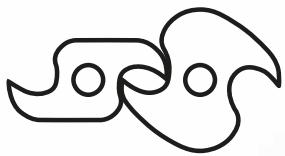




DRY CLAW VACUUM PUMP.

VB 315





VB 315

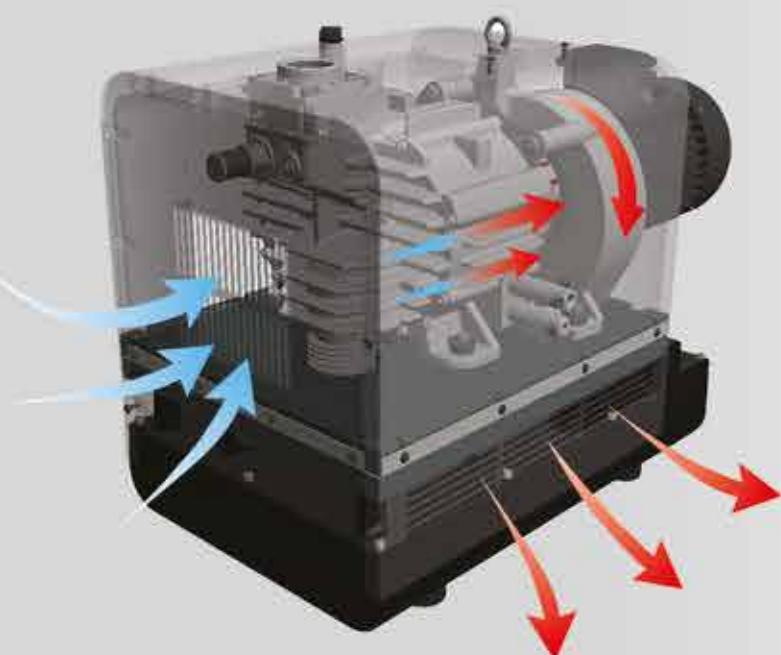
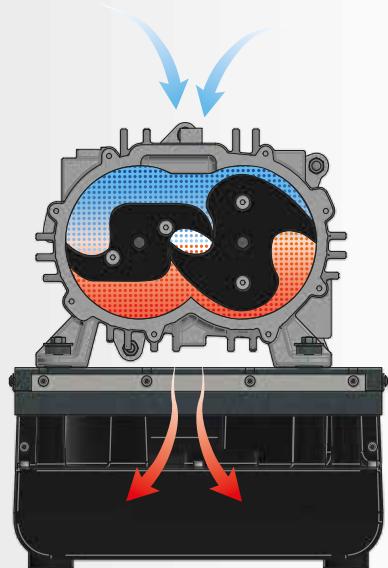
The VB 315 dry claw vacuum pump is the result of a thorough design study. This model is distinguished by its advanced design features, studied to optimize the performance of industrial processes.

The operating cycle is based on the rotation of two claw-shaped rotors within a chamber. The rotational movement of the two elements occurs in opposite directions, without any contact and completely dry. The rotation of the claws creates vacuum by drawing air from the inlet port, compressing it into the chamber and discharging it to the exhaust port. Their movement is synchronized by gears, lubricated inside a box.

The VB 315 claw technology offers significant operational advantages and redefines the standards of efficiency and reliability for industrial vacuum.

Main characteristics

- ✓ Minimal noise level: important noise reduction thanks to the design of the cast iron silencer and housing, internally coated with sound absorbing material
- ✓ Low operating temperature of the pump thanks to advanced air-cooling system
- ✓ Nearly maintenance free
- ✓ Reduced vibrations



- ✓ Compact and robust design
- ✓ Vacuum relief valve
- ✓ Non-return valve
- ✓ Possibility to install a vacuum sensor

TECHNICAL DATA

	Hz	50	60
Nominal capacity	m ³ /h	315	380
Total final pressure (Abs.)	mbar - hPa		150
Motor power	kW	5,5	6,6
Oil quantity	dm ³		1
Noise level (UNI EN ISO 2151 - 3dB)	dB (A)	71	74
Weight	kg		305



Industries

- ✓ Wood working industry
- ✓ Packaging industry
- ✓ Printing industry
- ✓ Medical industry
- ✓ Chemical & Pharmaceutical industry
- ✓ Plastics industry
- ✓ Environmental industry
- ✓ Agricultural industry

Processes

- ✓ Pneumatic conveying
- ✓ Pick & Place
- ✓ Extracting
- ✓ Evacuation
- ✓ Degassing
- ✓ Vacuum fixing
- ✓ Thermoforming
- ✓ Water treatment



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