

Rotary Piston Vacuum Pumps

MODELS: CP-150 & CP-250



HINDHIVAC manufactures different models of Rotary Piston Vacuum Pumps. These Rotary Piston Vacuum Pumps are robust and are most reliable. They can be used in combination with Roots Vacuum Blowers. These pumps are extremely useful in handling high volumes of gases and are provided with Gas Ballast Valve to pump out condensable vapours.

These piston pumps are built to give uninterrupted service even under strenuous working conditions with economical power and oil consumption. These pumps are water cooled to ensure continuous duty with high efficiency.

The pump has a unique design in which the pump ensures that while the piston continues to rotate it maintains isolation of the compression and the suction cycle, drawing out the compressed air through the exhaust valve.

The pump has a low oil charge and the gas ballast is provided to avoid oil contamination due to condensable vapours.

This pump is water cooled to avoid over heating and for continuous running.

Salient Features:

- Effective Gas Ballast
- Low oil charge
- Water cooled
- High water vapour handling capacity.
- Rated for continuous running

TECHNICAL SPECIFICATIONS

Particulars	Model	Model
	CP-150	CP-250
Nominal pumping speed		
M ³ /Hr	150	250
Lit/Min	2500	4000
Ultimate partial pressure (on Mcleod Gauge)		
Gas Ballast closed (m.bar)	1x10 ⁻²	1x10 ⁻²
Gas Ballast open (m.bar)	1x10 ⁻¹	1x10 ⁻¹
Weight (kgs)	550	720
Max. nominal power rating(K.W.)	3.7	5.5
Pump rotational speed (at no load r.p.m)	510-570	500-550
Oil capacity (Lits)	9	12
Inlet flange (ISO-KF)	50	75
Recommended oil	HINDHIVAC Molecular Distilled Oil: Grade MD-504	

HIND HIGH VACUUM CO. PVT. LTD.

Site No.17, Phase 1, Peenya Industrial Area, Bangalore - 560 058, India. Ph: 080-8394518, 8394615, 8394617, 8394640. Fax: 080-8394874. E.Mail : info@hindhivac.com

SALES OFFICE

Baroda: Ph: 33178, 359039. Fax: 0265-331505. Calcutta: Ph: 4661462, 4649182. Fax: 033-4662830. Chennai: Ph: 4891061. Fax: 044-4891061. Hyderabad: Ph: 3235504, 3234609. Fax: 040-3235504. Mumbai: Ph: 5550003, 5587219. Fax: 022-5563724. New Delhi: Ph: 6282410, 6282411. Fax: 011-6282412. Pune: Ph: 5466095, 5442426. Fax: 020-5466095.