

Promivac

OIL SEALED ROTARY HIGH VACUUM PUMPS



PROMIVAC
PUMPS PVT. LTD.



The most Dependable & Preferred Series for Industrial Applications because their constituents continue performing untiringly.

ROTARY HIGH VACUUM PUMPS SERIES PV1 & PV2

AIR COOLED MODEL Single & Double Stage with Base Plate & Belt Guard



It is over four decades now that PROMIVAC has relentlessly been contributing towards nation building through its innovative Vacuum Techniques.

PROMIVAC has comprehensive range of different types of Vacuum Pumps & Pumping Systems of varying capacities, both standard & tailor made ones to fit into host of simple and complex applications right from laboratory scale via pilot plant to the large production system.

These are manufactured with selected top quality material and precision workmanship. These are durable, reliable and economical. All the products are backed by prompt & efficient after sales service and also enjoy twelve months warranty against manufacturing defects.

Vacuum Pumps of this series are of two types - Single Stage & Double Stage and are available in various capacities starting from 100 lpm to 20,000 lpm Free Air Displacement. Of these, Vacuum Pumps upto 1200 lpm capacities are generally Air Cooled ones while pumps of larger capacities, which are known as industrial models are Water Cooled.

PROMIVAC High Vacuum Pump is an Oil Sealed, Rotary Vane and Positive Displacement type pump, where not only complete assembly is immersed in oil but shaft seal is also designed in such a way that it totally eliminates the possibility of suction of air through it. It is designed to achieve maximum Vacuum in a very short time. Thus successfully checks the rise in temperature of the unit & also reduces wear and tear of its components. Hence it emerges a long lasting noiseless and trouble free performer for years causing substantially reduced repair bills.

PROMIVAC Oil Sealed Rotary High Vacuum Pumps, Single & Double stage are Air Cooled, V - belt driven and are suitable for use with common electric motors. These are available in following models:

Single Stage - Air Cooled

Model No.	H. P. Reqd.	Free Air Dis lpm	Ult. Pres. mm Hg	Apx. Oil Charge ltrs.
PV1-100	0.25	100	0.05	3
PV1-200	0.5	250	0.05	4
PV1-300	1	350	0.05	5
PV1-500	2	500	0.05	5
PV1-800	2	800	0.05	8
PV1-1200	3	1200	0.05	10

Double Stage - Air Cooled

Model No.	H. P. Reqd.	Free Air Dis lpm	Ult. Pres. mm Hg	Apx. Oil Charge ltrs.
PV2-100	0.25	100	0.005	2
PV2-200	0.5	250	0.005	3.5
PV2-300	1	350	0.005	4
PV2-500	2	500	0.005	5
PV2-800	2	800	0.005	8
PV2-1200	3	1200	0.005	10

* Figures given in the above charts are based upon testing done at our factory situated in Noida and Vacuum measured with mini McLeod Gauge. These figures may slightly differ when Vacuum is measured with other types of gauges. This shall also differ with Vacuum line leakage, faulty valves, variation in electrical voltage, belt slippage, seasonal changes in atmosphere and variation of altitude of the stations the measurement is taken at.

Testing Parameters :

Motor rpm- 1440 ; Pump rpm- Vacuum Pump Models upto 800 lpm FAD are set at 550-600 rpm approx. & pumps above 800 lpm FAD at 500-550 rpm approx.

** Performance Tolerance : $\pm 5\%$

*** Motor Rating : Upto 1 hp - Single Phase 220 Volts, 50 Hz and above 1 hp - Three Phase 440 Volts, 50 Hz