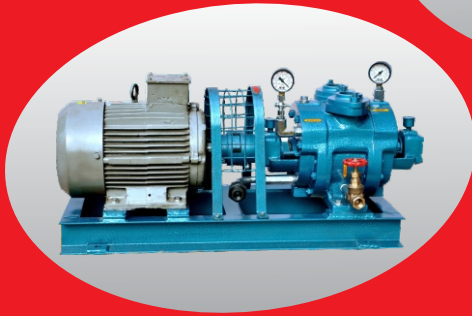




Vacuum Technology



-: PRODUCT :-

- Oil Sealed Vacuum Pump
- Water Ring Vacuum Pump
- Mono Block Vacuum Pump
- Vacuum Booster System
- Varnish Plant

All Type Of Vacuum Pump & Parts

Vacuum Pump Manufacturer

These are oil - immersed, rotary vane type pumps. The rotor with two spring loaded vanes is mounted eccentric in the stator body. As the rotor rotates, the vanes sweep the crescent shape air space twice in each revolution. There is inbuilt non-return valve which prevents back flow of air. All moving parts are manufactured from graded material. These parts are precisely machined, ground and assembled with close tolerances which results in increased efficiency and long trouble free operating life.

Application

- ▶ Dehydration and Filtration Process
- ▶ Distillation, Exhausting Electronic Tubes
- ▶ GLS Lamps / Mercury Vapour Lamps & Tubes Sterilizing
- ▶ Vacuum Metallurgy Vacuum Sublimation
- ▶ Vacuum Impregnation, Thin Film Coating

Silent Feature

- ▶ Simple & Rugged Construction
- ▶ Trouble Free Operation
- ▶ Easily Handle Dust Laded Gases
- ▶ Built In Anti-suck Facility To Prevent Back Of Oil

Material Of Construction

- ▶ Cast Iron Rotor Blade as per process application

Range

- ▶ Max.Capacity:-50 LPM to 10000 LPM (3.06 /hr to 600 /hr).
- ▶ Ultimate Vacuum:-Single Stage: 0.05 mm of Hg & Dougle Stage:0.005 mm of Hg
- ▶ Power:-0.25 HP to 20HP



MODEL NO.	NO. OF STAGES	FREE AIR DISPLACEMENT			ULTIMATE VACUUM mm of hg	DRIVE MOTOR (HP)	APPROX OIL FILLING (Ltr)
		Ltr/Min	CFM	m ³ /hr			
HL-50	1/2	50/50	1.8/1.8	3/3	0.05/0.005	0.25/0.25	2/2
HL-100	1/2	100/100	3.5/3.5	6/6	0.05/0.005	0.25/0.5	2/3
HL-150	1/2	150/150	5.3/5.3	9/9	0.05/0.005	0.5/1.0	3/4
HL-300	1/2	300/300	10.6/10.6	18/18	0.05/0.005	1.0/1.5	6/8
HL-500	1/2	500/500	17.6/17.6	30/30	0.05/0.005	1.5/2.0	7/8
HL-750	1/2	750/750	26.5/26.5	45/45	0.05/0.005	2.0/3.0	8/10
HL-1000	1/2	1000/1000	35.5/35.5	60/60	0.05/0.005	2.0/3.0	15/20
HL-1500	1/2	1500/1500	53.0/53.0	90/90	0.05/0.005	3.0/5.0	20/25
HL-2000	1/2	2000/2000	70.6/70.6	120/120	0.05/0.005	3.0/5.0	25/30
HL-3000	1/2	3000/3000	106.0/106.0	180/180	0.05/0.005	5.0/7.5	35/40
HL-5000	1/2	5000/5000	176.5/176.5	300/300	0.05/0.005	7.5/10.0	40/45
HL-7500	1/2	7500/7500	265.0/265.0	450/450	0.05/0.005	10.0/15.0	50/60
HL-10000	1/2	10000/10000	353.0/353.0	600/600	0.05/0.005	15.0/20.0	65/75

“MVH” Vacuum Technology is the most prominent and leading high-quality ‘Single stage water ring vacuum pump’ manufacturers in ahmendabad which exhibit our excellency in designing and anufaturing world - class vacuum pump. Our Single Stage Vacuum pump showcases our extensive engineering capabilities in manufacturing the vacuum pumps. We also offer custom designed vacuum pumps to ideally meet your industrial requisites. with simple and rugged construction we ensure hassle free operation of our high capacity vacuum pumps. These pumps are specially designed to easily handle the dust and aggressive gases while ensuring optimum performance.

APPLICATION

- ▶ Dehydration & Filtration Processes
- ▶ Distillation, Evaporation & Drying
- ▶ Deodorization, Evacuation
- ▶ Sterilizing, Conveying, Venting & Sucking
- ▶ Moisture Extraction, Concentration

SALIENT FEATURES

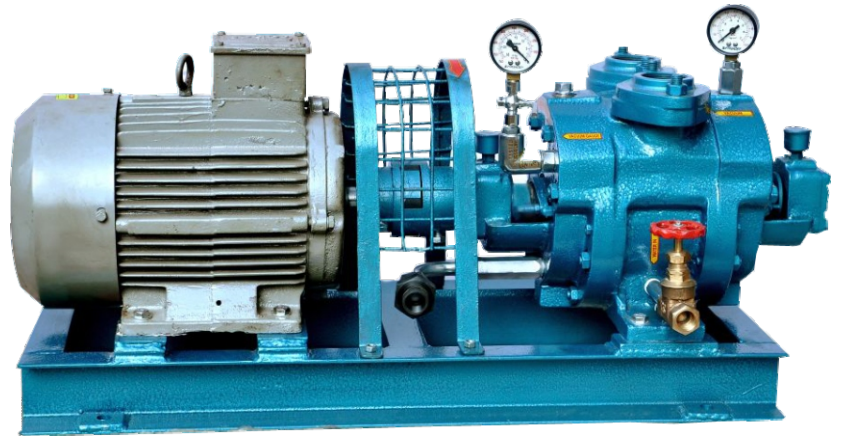
- ▶ Simple & Easy Construction
- ▶ Can be readily dissembled and reassembled on site by end user
- ▶ Rugged construction for heavy duty applications
- ▶ Trouble Free Operation & Easy Handle Dust Laded Gases
- ▶ Low power and water consumption & optimum performance
- ▶ Maintenance free

MATERICAL OF CONSTRUCTION

- ▶ Cast Iron, Rotor Blade As Per Process Application

RANGE

- ▶ Max. Capacity:-85m³/hr to 1080 m³/hr
- ▶ Power :5 HP to 40 HP
- ▶ Maximum Vacuum :-20mm of bg



Two Stage Water Ring Vacuum Pump					
MODEL NO.	DRIVE MOTOR (HP)	MAXIMUM CAPACITY (m ³ /hr)	CFM	WATER REQUIRED (LPM)	RPM
MWD-1	1	20	10	2	2880
MWD-2	2	40	20	4	2880
MWD-3	3	60	30	7	2880
MWD-5	5	90	50	10	2880
MWD-7.5	7.5	120	75	14	1440
MWD-10	10	220	130	20	1440
MWD-15	15	330	195	30	1440
MWD-20	20	460	260	40	1440
MWD-25	25	580	320	50	980
MWD-30	30	725	410	60	980
MWD-35	35	845	490	80	980
MWD 40	40	1080	650	100	980



Two Stage Water Ring Vacuum Pumps-High Quality Vacuum Products

“MVH” Vacuum Technology Vacuum pump manufactures and supplies high quality vacuum products including “Two Stage Watering Pumps Our Two Stage Vacuum Pumps are specially designed by comprising the profound needs of different industries for its specific usage. It has advantage of higher capacity at high vacuum and also requires low quantity of water at low pressure. Our Two Stage Vacuum pump develops maximum vacuum of 720 mm of hg, when sealing water temperature is 30°C (755 mm of hg barometric pressure & suction temperature of 30°C). We design our products by comprehending all application criteria and parameters to make the product superior in terms of quality and get optimum performance.

APPLICATION

- ▶ Dehydration & Filtration Processes
- ▶ Distillation, Evaporation & Drying
- ▶ Deodorization, Evacuation
- ▶ Sterilizing, Conveying, Venting & Sucking
- ▶ Moisture Extraction, Concentration



SALIENT FEATURES

- ▶ Simple & Easy Construction
- ▶ Can be readily dissembled and reassembled on site by end user
- ▶ Rugged construction for heavy duty applications
- ▶ Trouble Free Operation & Easy Handle Dust Laded Gases
- ▶ Low power and water consumption & optimum performance
- ▶ Maintenance free

MATERIAL OF CONSTRUCTION

- ▶ CastIron, SS-304, SS-316, Bronze, Gun Metal & As Per Process Requirement

RANGE

- ▶ Max. Capacity:-50m³/hr to 1080 m³/hr
- ▶ Power :3 HP to 40 HP
- ▶ Maximum Vacuum :-710mm of hg

Single Stage Water Ring Vacuum Pump					
MODEL NO.	DRIVE MOTOR (HP)	MAXIMUM CAPACITY (m ³ /hr)	CFM	WATER REQUIRED (LMP)	RMP
MWD-3	3	50	30	7	2880
MWD-5	5	81	50	10	2880
MWD-7.5	7.5	123	75	14	2880
MWD-10	10	220	130	20	1440
MWD-15	15	330	195	30	1440
MWD-20	20	440	260	40	1440
MWD-30	30	725	410	60	980
MWD-35	35	845	190	80	980
MWD-40	40	1080	650	100	980



(Vacuum Pump Manufacturer)