



ROTOMAKE
ENGINEERING INTERNATIONAL

WATER RING VACUUM PUMP RMVP SERIES

Reliable Vacuum. Superior Performance.
Built for Industrial Excellence.



HIGH RELIABILITY

Robust design for continuous duty and long service life.



HIGH VACUUM EFFICIENCY

Achieves deep vacuum with high pumping speed.



LOW MAINTENANCE

Simple construction for easy operation and maintenance.



QUIET OPERATION

Smooth and low-noise performance.



PERFORMANCE RANGE



CAPACITY
Up to 20,000
m³/hr



VACUUM
Up to 33
mbar (A)



POWER
1 HP to 100 HP



MATERIAL OF CONSTRUCTION
CI / SS 304 / SS 316
(Optional)



APPLICATIONS

Chemical | Pharmaceutical | Paper & Pulp | Sugar | Distilleries
Food & Beverage | Plastic | & Many More



PRECISION
ENGINEERED



QUALITY
ASSURED



CUSTOMISED
SOLUTIONS



GLOBAL
SUPPORT



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OIL SEALED ROTARY HIGH VACUUM PUMP

These are oil-immersed, rotary vane type Pump. 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 in built non return valve which prevents back flow of air. Manufactured from graded material, oil moving parts are precisely machined, ground and assembled with close tolerances. This result in increased efficiency and long trouble free operating life.

APPLICATIONS:

- > Distillation
- > Degasification
- > Dehydration and filtration process
- > Exhausted Electronic Tube
- > GLS lamps/ Mercury Vapor lamp and Tube
- > Vacuum Metallurgy, Vacuum Sublimation
- > Thin Film Coating
- > Refrigeration and Air-condition Servicing
- > Gold/Silver vacuum casting machine
- > Laboratory purpose
- > Pasta/Khokhra making machine

SILENT FEATURES:

- > Simple & Rugged Construction
- > Trouble free operation
- > Easily handle dust laden gases
- > Built in anti suck facility to prevent back of oil

RANGE:

- > Max.Capacity : 50LPM to 20,000 LMP (3.06 M3/hr to 600M3/hr)
- > Max.Vacuum : Single Stage : 0.05 mm of Hg..Two Stage : 0.005 mm of Hg.
- > Recommend Motor : 025HP to 10HP, 1450 RPM
- > Recommend oil : Enkol 68, 46, 100
- > Warranty : 1 Year

MATERIAL OF CONSTRUCTION :

Cast iron, Rotor Blade as Per Process Application

TECHNICAL SPECIFICATION

Model No.	No. of Stage	Free Air Displacement Lt./min C.F.M M3/hr			Ultimate Vacuum mm of Hg.	Drive Motor H.P	Approx Oil Filling Ltrs.	Bearing	Oil Sll	Pump Pulli	Motor Pulli	V Belt	Vacuum Suction
RMVP-50	1/2	50	1.8	3	0.005	0.25	2	-	17X12X7	5XAX1	25KAX1	2XA	3/8
RMVP-100	1/2	100	3.5	6	0.005	0.55	3	-	20X13X7	7XAX1	3XAX1	33A	3/8
RMVP-150	1/2	150	5.3	9	0.005	0.50	3	-	20X13X7	7XAX1	3XAX1	35A	3/8
RMVP-300	1/2	300	16.6	18	0.005	1.00	5	6205	25X14X7	7XAX1	3XAX1	35A	3/8
RMVP-500	1/2	500	10.6	18	0.005	1.50	7	6206	30X15X10	5XAX1	3XAX1	38A	3/8 3/8
RMVP-750	1/2	750	17.5	30	0.005	2.00	12	6206	30X15X10	3XAX1	3XAX1	45A	1/2
RMVP-1000	1/2	750	12.5	40	0.005	2.00	10	6206	30X15X10	5XAX1	3XAX2	45A	1/2
RMVP-1500	1/2	1500	26.5	30	0.005	2.00	25	6206	30X15X10	2XAX1	3XAX1	45A	3/8
RMVP-2000	1/2	1500	78.6	40	0.005	3.00	25	6206	35X15X10	12XBX2	3XAX2	56B	1"
RMVP-3000	1/2	10000	710.0	120	0.005	33.0	36	6206	30X15X10	12XBX2	3XAX2	56B	1"
RMVP-5000	1/2	10000	120.0	190	0.005	30.0	25	6200	30X15X10	12XBX2	3XAX2	56C	2"
RMVP-7500	1/2	10000	110.0	1200	0.005	3.00	32	6200	30X15X10	12XBX2	3XAX2	56B	2"
RMVP-2000	1/2	50000	178.6	1000	0.005	13.0	42	63010	50X20X10	12XBX2		56B	2"
RMVP-10000	1/2	10000	265.0	450	0.005	15.0	46	63010	50X20X10	16XBX2		61B	2"
RMVP-10000	1/2	10000	355.0	600	0.005	15.0	85	63010	50X20X10			84C	2"
RMVP-20000	1/2	20000	710.0	1200	0.005	30.0	80	-	-			84C	2"



Water Ring Vacuum Pump

Shreeji vacuum pump introduces a new liquid ring technology (lrt) vacuum pumps. Single stage watering pump develop vacuum of 700-710mm of hg while two stage watering pump develop vacuum of 710-720mm of hg. These pump are designed to handle air, gas and vapor. Our pumps provides superior performance wherever there is a need for evaporation, drying, pulverization or impregnation under vacuum.



COUPLED (SINGLE STAGE) WATERING VACUUM PUMP

Model	Motor HP	Suction M3/hr	Water LMP	Speed RPM
RMVP-SWS 3	3	50	7	2880
RMVP-SW 5	5	81	10	2880
RMVP-SW 7.5	1.5	120	14	2880
RMVP-SW 7.5	7.5	165	16	1440
RMVP-SW 10	10	220	20	1440
RMVP-SW 15	15	330	30	1440
RMVP-SW 20	20	440	40	1440
RMVP-SW 30	30	725	60	980

COUPLED (MONO BLOCK) WATERING VACUUM PUMP

Model	Motor HP	Max. Cap. M3/hr	Water Required (LMP)	Motor Speed
RMVP-SWM 1	1	14	3	2850
RMVP-SWM 2	2	25	5	2850
RMVP-SWM 3	3	50	7	1450
RMVP-SWM 5	5	80	9	1450
RMVP-SWM 7	7.5	120	12	1450
RMVP-SWM 10	10	220	15	1450
RMVP-SWM 15	15	330	22	1450

APPLICATION

- > Vacuum Filtration
- > Vacuum Distillation
- > Moisture Extraction
- > Condensation
- > Evaporation
- > Priming
- > Removing water from paper pulp



WIDE CHOICE OF MATERIAL

Type : Material

- A = Complete Cast Iron
 - B = Partial S.S. 304
 - C = Complete S.S. 304
 - D = Partial S.S. 316
 - E = Complete S.S. 316
 - PB = Partially Ph.bronze
 - CIRL = Cast Iron with Rubber Lining
- Other material can be supplied as per requirements.

DOUBLE STAGE WATER RING VACUUM PUMP

Model No.	Rec. Motor HP	Max. Capacity (M3/hr)	Water Required (LMP)	Rpm
RMVP-SW2-1	1	20	2	1440
RMVP-SW2-2	2	40	4	1440
RMVP-SW2-3	3	60	6	1440
RMVP-SW2-5	5	90	7	1440
RMVP-SW2-7.5	7.5	120	9	1440
RMVP-SW2-10	10	220	14	1440
RMVP-SW2-15	15	330	20	1440
RMVP-SW2-20	20	460	24	1440
RMVP-SW2-25	25	580	30	1440
RMVP-SW2-30	30	725	40	1440
RMVP-SW2-40	40	1200	60	1440



PREMIUM
QUALITY



RUGGED &
RELIABLE



CUSTOMISED
SOLUTIONS

SUBMERSIBLE MOTOR HIGH VACUUM SYSTEM

High Vacuum System - We are manufacturing of complete system to function in automatic or semi automatic model as per client requirement. This vacuum system is package of Oil sealed/watering vacuum pump with mechanical booster combination along with cooler/condenser for improve displacement and constant vacuum operation.

FEATURES:

- > Having air cooling/water cooling based process
- > Featuring V-belt/Direct coupling driving support
- > Positive displacement type boosters
- > Designed to handle large quantity of gases
- > Available from 1 KW to 400 KW

APPLICATION

- > All Kind of distillation process
- > Chemical and agro chemical industries
- > Waste oil refining
- > Pharmaceutical industry



IMPORTED ROTARY VANE VACUUM PUMP

FEATURES:

- > 0.25 HP to 2HP
- > Single stage 150 micron vacuum /Double stage 25 micron vacuum
- > 1.5 CFM to 12 CFM
- > Applied in refrigeration maintenance, Printing machine, Medical equipment, vacuum packaging



OVERHAULING, ANNUAL MAINTENANCE CONTRACT (AMC) AND ALL KIND OF SPARE PARTS

We are providing services for repair & Overhauling of vacuum systems, dry vacuum pumps, oil lubricated vacuum pumps, watering vacuum pumps. We are supplier all kind of spare parts.

