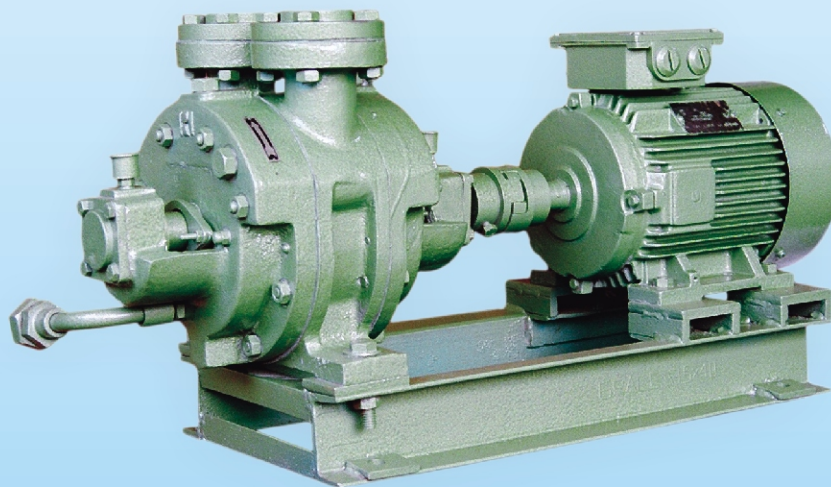




WATER - RING VACUUM PUMPS & COMPRESSORS



Salient Features:-

- ❖ This Pump can be used mainly as vacuum pump but can also be used as compressor.
- ❖ Simple and trouble free operation.
- ❖ Moist Air, aggressive gases, vapours and dust laden gases can be handled.
- ❖ No metallic contact inside machine, no wear & tear.
- ❖ No Lubrication.
- ❖ Oil Free Exhaust.
- ❖ No contamination of medium passing through.
- ❖ Compression takes place with small temperature rise.
- ❖ Simple construction & easy maintenance.

Applications:-

- ❖ Filtration
- ❖ Condensor Exhausting
- ❖ Moisture Extracting
- ❖ Priming
- ❖ Deaeration
- ❖ Solvent Recovery
- ❖ Evaporation Distillation
- ❖ Pneumatic Conveying
- ❖ Dredging Installations.

Commitment to Quality

Introducing....

An Improved concept in **LIQUID RING TECHNOLOGY** developed by highly technical and experienced engineers solely engaged in manufacturing of **VACUUM PUMPS**, labelled **MICROVAC**. These pumps are designed to handle air, gas, vapours also with liquid parts in suspension. They are used in Chemical, Pharmaceuticals, Food Processing, Textile, Oil, Solvent, Sugar and Paper Industries & wherever there is a need for evaporation, drying, pulverization, or impregnation under vacuum.

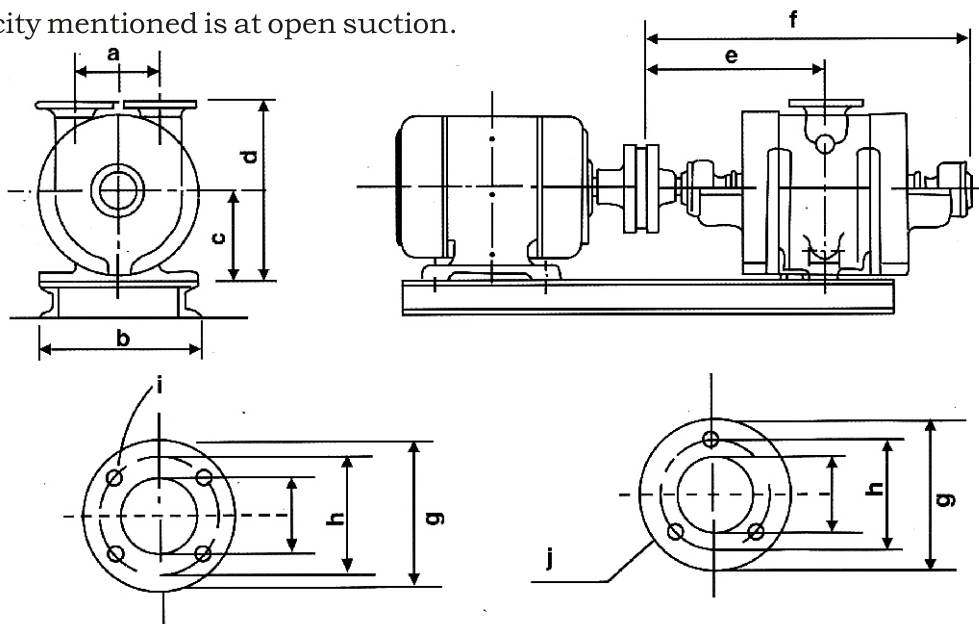
Material of Constructions....

Available in,

- Complete Cast Iron • Partial Ph. Bronze • Complete Ph. Bronze • Partial SS-316
- Complete SS-316/Partial SS-316 with SS sleeve in casing. • Cast Iron with Rubber Lining.
- Other materials also available as per customer's requirements.

Type MV/MK.	SUCTION CAPACITY CMH	MOTOR HP	SPEED RPM	WATER CONSUMPTION LT/MIN	A	B	C	D	E	F	G	H	I	J	FIG.	Appx. Wt. Bare Machine Kg.
MV 1	50	3	2850	7	130	315	120	245	223	364	75	56	25	M 10	1	34
MV 2	80	5	2850	10	130	315	120	270	220	410	110	82	32	4X14	2	42
MV 3	120	7.5	2850	14	130	315	120	270	240	450	110	82	40	4X14	2	50
MV 4	160	7.5	1450	15	200	440	220	440	343	630	150	120	60	4X15	2	170
MV 5	220	10	1450	20	200	440	220	440	360	665	150	120	60	4X15	2	185
MV 6	330	15	1450	30	200	440	220	440	419	760	190	150	80	4X18	2	220
MV 7	440	20	1450	40	200	440	220	440	454	830	190	150	80	4X18	2	245
MV 8	720	30	980	60	290	650	320	650	495	895	240	200	125	8X18	2	495
MV 9	845	35	980	80	290	650	320	650	525	955	240	200	125	8X18	2	515
MV 10	1080	40	980	100	290	650	320	650	565	1035	240	200	125	8X18	2	530
MV 11	1500	65	725	150	380	840	410	840	625	1130	320	280	200	8X18	2	910
MV 12	2025	90	725	200	380	850	410	840	700	1230	320	280	200	8X18	2	1080

- Horse power figures are for vacuum pumps. For compressors HP details will be given on request.
- Maximum pressure for liquid ring compressors- 1.5 kg/cm² with single M/C & 3 Kg/cm² in two stage M/C.
- Maximum vacuum by liquid ring vacuum pump-710 mm of HG. With Liquid at 30°C and barometer at 760mm of HG.
- Dimensions and specifications are approximate and subject to change.
- Guaranteed vacuum upto 710mm HG at close suction.
- Higher vacuum can be achieved by using chilled water as seal medium.
- Suction capacity mentioned is at open suction.



MICROVAC ENGINEERS