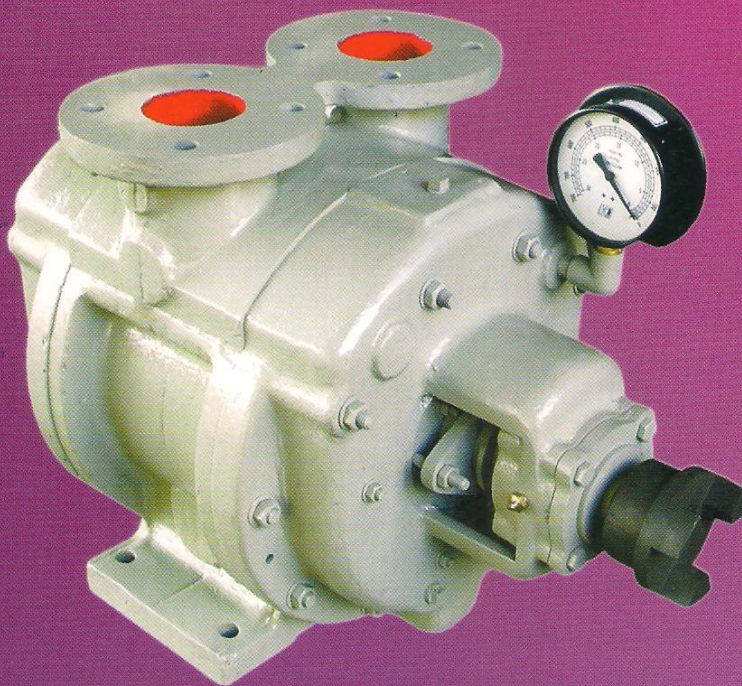




PRIME

Liquid Ring Vacuum Pumps and Compressors



Introduction:

PRIME Liquid ring vacuum pumps and compressors are sturdy by construction and long lasting by design. They can ensure trouble free running as there is only one rotating part which does not make any contact. They can handle moist as well as aggressive gasses and vapours.

They can be supplied partly or entirely in a wide choice of materials such as SS 304, SS 316, Cast Steel, SG Iron etc.

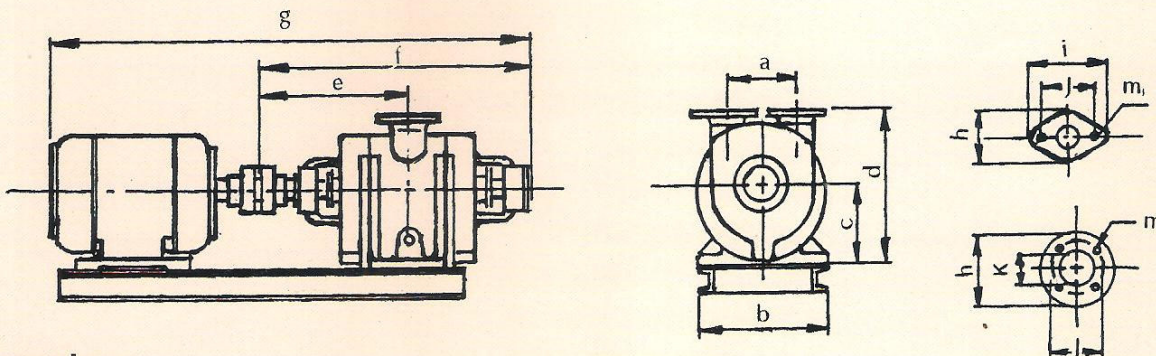
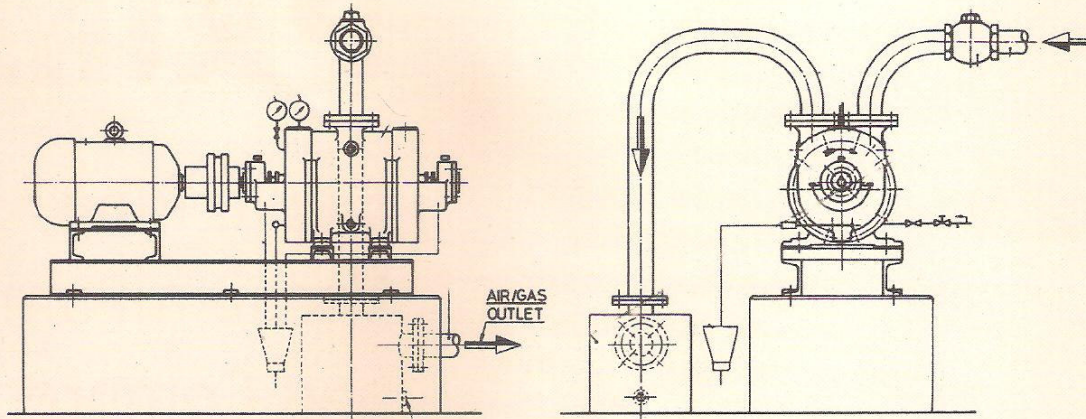
Mechanical seals can be provided as an option. Every PRIME Pump is performance tested prior to shipment.

Applications:

- Vacuum distillation
- Vacuum filtration
- Liquid transfer
- Evacuation
- Drying resins & paints
- Textile processing
- Priming pumps
- Paper web draining & many other applications.

Features:

Capacity : 50 to 1080 M³/Hr
Vacuum : Upto 710 mmHg (50torr)
Pressure : Upto 2.2Kg/cm²



Dimensions

Model No.	Speed (RPM)	Max. Suction (M ³ /Hr)	Motor (HP)	Water Qty. (Lpm)	a	b	c	d	e	f	h	j	k	l	m
PLV-80	2850	80	5	10	130	280	120	240	225	410	90	90	32	120	M12
PLV-120	2850	120	7.5	14	130	280	120	240	245	450	100	100	40	130	M12
PLV-160	1450	160	7.5	15	200	400	220	440	350	630	150	120	60	-	4X15
PLV-220	1450	220	10	20	200	400	220	440	365	665	150	120	60	-	4X15
PLV-330	1450	330	15	30	200	420	220	440	420	760	190	150	80	-	4X18
PLV-440	1450	440	20	40	200	420	220	440	455	830	190	150	80	-	4X18
PLV-725	980	720	30	60	290	560	320	650	495	895	240	200	125	-	8X18
PLV-1080	980	1080	40	100	290	560	320	650	565	1035	240	200	125	-	8X18

The horse power figures are for vacuum pumps.
For water ring compressors please revert back to us.

Maximum pressure for water ring compressors
1.5Kg/cm²g with single stage machines.

Maximum Vacuum by water ring vacuum pump
710mm of HG. with liquid @30°C
and Barometer @ 760mm of HG.



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