

INTRODUCTION

The Liquid Ring Vacuum Pump is a reliable, low-maintenance solution for creating vacuum using a liquid seal (usually water). It ensures smooth, quiet, and efficient operation, ideal for handling wet gases, vapors, and light dust in continuous-duty applications.

APPLICATIONS

- Chemical & pharmaceutical processes
- Pipe extrusion industry
- Food processing & packaging
- Power plants & refineries
- Textile drying & vacuum systems

FEATURES

- Rugged and simple design
- Oil free compression
- Smooth, vibration-free performance
- Handles moisture and vapors easily
- Low maintenance and long service life

MATERIAL OF CONSTRUCTION

Impeller : Stainless Steel
Discharge Chamber : Cast Iron
Impeller Housing : Cast Iron
Pump Shaft : Carbon Steel

MOTOR FEATURES

Efficiency class : IE4
Motor Type : Shakti Slip Start Synchronous Run Motor (S4RM)

PERFORMANCE CHART

PUMPSET CODE	PUMP MODEL	POWER RATING		PIPE SIZE (MM)		VACUUM IN MM OF MERCURY					
		kW	HP	SUC.	DEL.	0	100	200	300	400	640
						AIR FLOW RATE IN CUBIC METERS PER HOUR					
9000034485	PUMPSET SVP-45 (3.0HP3Ø415V50HZ)	2.2	3.0	25.0	25.0	65.0	52.0	38.0	24.0	3.0	-

Note: Performance applicable for air at Normal Temperature and Pressure (NTP) based on employment of clear water at 30°C as working fluid.

All Specifications & information are given in good intent. Specifications are subject to change without prior notice.
Picture may be differ from actual product depending on local market requirements and regulation.



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SHAKTI

LIQUID RING VACUUM PUMP

50 Hz Series

- **RUGGED & DURABLE DESIGN**
- **OIL-FREE COMPRESSION**
- **CONTINUOUS DUTY APPLICATIONS**
- **ENERGY EFFICIENT OPERATION**



SHAKTI

THE POWER OF INNOVATION, EFFICIENCY & TECHNOLOGY.

Best Suitable Application



PIPE EXTRUSION INDUSTRY



POWER PLANTS & REFINERIES



FOOD PROCESSING & PACKAGING