



Diaphragm Vacuum Pumps & Compressors



SV-15



SV-15(FLP)



SV-25S



SV-25P



SV-75S



SV-75P

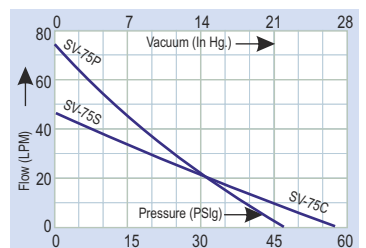
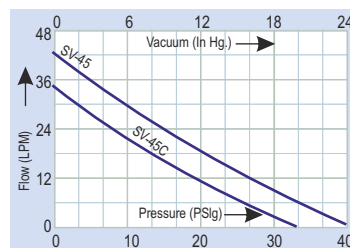
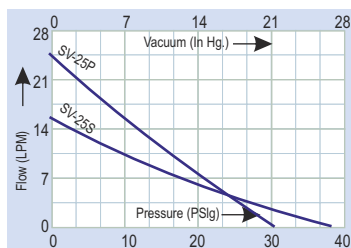
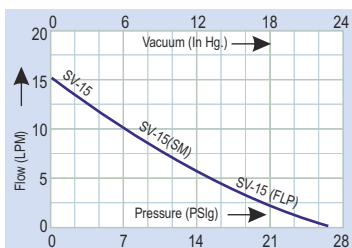


SV-45



SV-75C

FOR YOUR VACUUM & PRESSURE APPLICATION



Diaphragm Vacuum pumps / Compressors are completely oil less with continuously rated built in motor. These are preferred due to their minimal maintenance & compact size as compared to sliding vane type vacuum pumps & reciprocating piston type air compressors.

WORKING PRINCIPLE

In reciprocating motion, with a short stroke, the diaphragm at the top of the connecting rod flexes up and down in a closed chamber, creating pressure or vacuum. Even at maximum duty, output air is cool and oil-free. As ambient air enters and leaves the head, it never goes near the motor to pick up heat and foreign matter. Cooler temperatures add to overall efficiency and service life. The connecting rod is bonded to its bearing not clamped as in light duty pumps. Ensuring greater strength and durability where work loads are greatest.

TECHNICAL DETAILS

Model	Max Flow (LPM)	Max vacuum (inches Hg)	Max Pressure (Psig)	Motor HP	Approx Dimensions
SV-15	15	22	25	1/20	175 x 110 x 150
SV-15(SM)	15	22	25	1/20	150 x 110 x 150
SV-15(FLP)	15	22	25	1/8	225 x 150 x 150
SV-25-S	15	26	30	1/16	210 x 125 x 125
SV-25-P	25	23	20	1/16	210 x 125 x 125
SV-25-C	15	22	25	1/16	210 x 150 x 125
SV-45	45	23	40	1/8	200 x 130 x 200
SV-45-C	28	22	10	1/8	235 x 130 x 200
SV-75-S	45	27	60	1/4	300 x 130 x 200
SV-75-P	75	23	40	1/4	300 x 130 x 200
SV-75-C	38	22	10	1/4	300 x 150 x 200

APPLICATIONS AS COMPRESSOR

- Flame photometer
- Spectrophotometer
- Agitation as in electroplating
- Chemical analyzer
- Oxygen generating set
- Breathing apparatus like nebuliser & respirators
- Ozone generators
- Artist spray painting
- Plastic welding
- Cement aeration
- Operating hand pneumatic tools
- Wave soldering machines for foaming of flux
- Laminating press

FEATURES

- No lubrication required hence oil free.
- Built in continuous rating motor, available in both 1 Æ & 3 Æ . and variable voltage of 110 V and 220 V 3 Æ .
- Portable & light weight due to Die-cast Aluminium construction.
- Low noise level.
- Can be offered with Teflon coated or with PP wetted parts for chemical resistive application (C-suffixed models).
- Double head models can be easily connected in either series or parallel connection to give higher vac/pressure or higher flow.
- Available in stainless steel construction (SS316/316L/ 304).
- Available with special diaphragm options (Teflon coated, viton etc.)
- Standard fitments such as receivers, solenoid valves etc. are available on demand.

APPLICATIONS AS VACUUM PUMP

- Gas monitoring
- Chemical analyzer
- Environmental & pollution control equipments
- Labeling machines
- De-soldering suction
- Vacuum filtration in Labs
- Gold refining & jewellery making machine
- Photographic developing machines
- Glass forming
- Dental equipments
- Gas charging in A/C



SV-15SM



SV-25C

Manufactured by:

SRI VISHNU PUMPS MFG. CO.

Marketed by:

SHREE SIDDHIVINAYAK INDUSTRIES

An ISO 9001 : 2008 Certified Company

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Branch / Dealer

Performance shown are at rated speed & standard voltage condition. Variation in either of them can adversely affect the performance. Dimensions are for reference only. Specifications are subject to change without notice.