

MASPORT Viper Vacuum / Pressure Pumps

VACUUM PUMP SYSTEMS

For 4,000 Gallon Tanks

The **Viper Vacuum / Pressure Pump** is the lowest capacity product of the fan-cooled pumps from Masport. This pump is able to achieve a max vacuum of 27" Hg (intermittent). Equipped with Viton® oils seals and Kevlar® vanes – this pump will stand up to the toughest of jobs. Included is a mechanical oil pump with automatic oiling – no adjustment is required. Integrated inlet filter, vacuum relief valve, and control valve. Remote-mounted oil reservoir sold separate. **1-Year performance warranty.**



- VIPER Features:**
- Fan Cooled Design
 - 3" FPT Bolt On Flanges
 - 1/4" FPT Vane Flush Port
 - Vane Wear Inspection Ports
 - Integrated SS Inlet Filter
 - Integral Mtg. Bosses Guarantee Precise Shaft Alignment
 - Available Only in CCW Rotation
 - 20 PSI Max. Continuous / 30 PSI Max. Intermittent

Part No.	Description	Max. RPM	Max. CFM	Max. Continuous Vac Rating (Hg)	Wt.
MA VIPER-CCW	1-1/2" FPT Ports, 4 Vane, Dual Shaft	1250	350	22"	400 lbs.

Repair Kits

Part No.	Description
MA 14639	VIPER Complete Rebuild Kit, Gaskets, Oil Seals, Vanes, Bearings.....

Viton® is a registered trademark of DuPont Performance Elastomers

Hydra Vacuum / Pressure Pumps

For 4,000 Gallon Tanks



The liquid-stabilized design ensures reliable operation under extreme heat or cold weather conditions. Furthermore, this design allows the **HYDRA Series** to operate at a higher continuous vacuum rating. The **HYDRA Series** is able to achieve a maximum vacuum of 27" Hg (intermittent). The heavy-duty bearings paired with Viton® oil seals and Kevlar® vanes ensures superior pump life. The units include a mechanical oil pump that delivers the right amount of oil at all working levels – no adjustment is required. Integrated inlet filter, vacuum relief valve and control valve allows the pump to operate in vacuum or pressure mode. Remote-mounted oil reservoir sold separate. **1-Year performance warranty.**

- HYDRA Features:**
- Liquid Cooled Design
 - 3" FPT Bolt On Flanges
 - 1/4" FPT Vane Flush Port
 - Vane Wear Inspection Ports
 - Integrated SS Inlet Filter
 - Integral Mtg. Bosses Guarantee Precise Shaft Alignment
 - Specify CCW or CW Shaft Rotation
 - 20 PSI Max. Continuous / 30 PSI Max. Intermittent
 - 407 CFM Max. Rating

Part No.	Description	Max. RPM	Max. CFM	Max. Continuous Vac Rating (Hg)	Wt.
MA HYDRA-CCW	3" FPT Ports, 6 Vane, CCW	1400	407	25"	485 lbs.

Repair Kits

Part No.	Description
MA 14636	HYDRA/TITAN/SIDEWINDER Complete Rebuild Kit, Gaskets, Oil Seals, Vanes, Bearings

Oil Reservoir Kits, Oil & Flushing Fluid

MASPORT offers several consumable products, as well. Masport pump oil is colored to help easily identify fill level at a quick glance. The high-quality oil and flushing fluid are formulated specifically for Masport Pumps, which helps to extend pump life. All kits include all necessary components to plumb from reservoir to pump.



Plastic Oil Reservoir Kit



Steel Oil Reservoir Kit



Flushing Fluid



Pump Oil

Part No.	Description	Wt.
MA 13023	Oil Reservoir Kit, 1.0 Gallon Plastic Tank	4 lbs.
MA 13029	Oil Reservoir Kit, 1.3 Gallon Steel Tank	14 lbs.
MA 13980	(1) Gallon Jug, All Season Oil, 20wt.	8 lbs.
MA 13981	Case of (4) Single Gal. Jugs, All Season Oil, 20wt.	33 lbs.
MA 13027	Flushing Kit, 1.0 Gallon Plastic Tank	7 lbs.
MA 13030	Flushing Kit, 1.3 Gallon Steel Tank	17 lbs.
MA 13989	Flushing Fluid, 1 Gallon	8 lbs.
MA 15618	Pumper-Scent Odor Neutralizer, 1 Gallon	10 lbs.