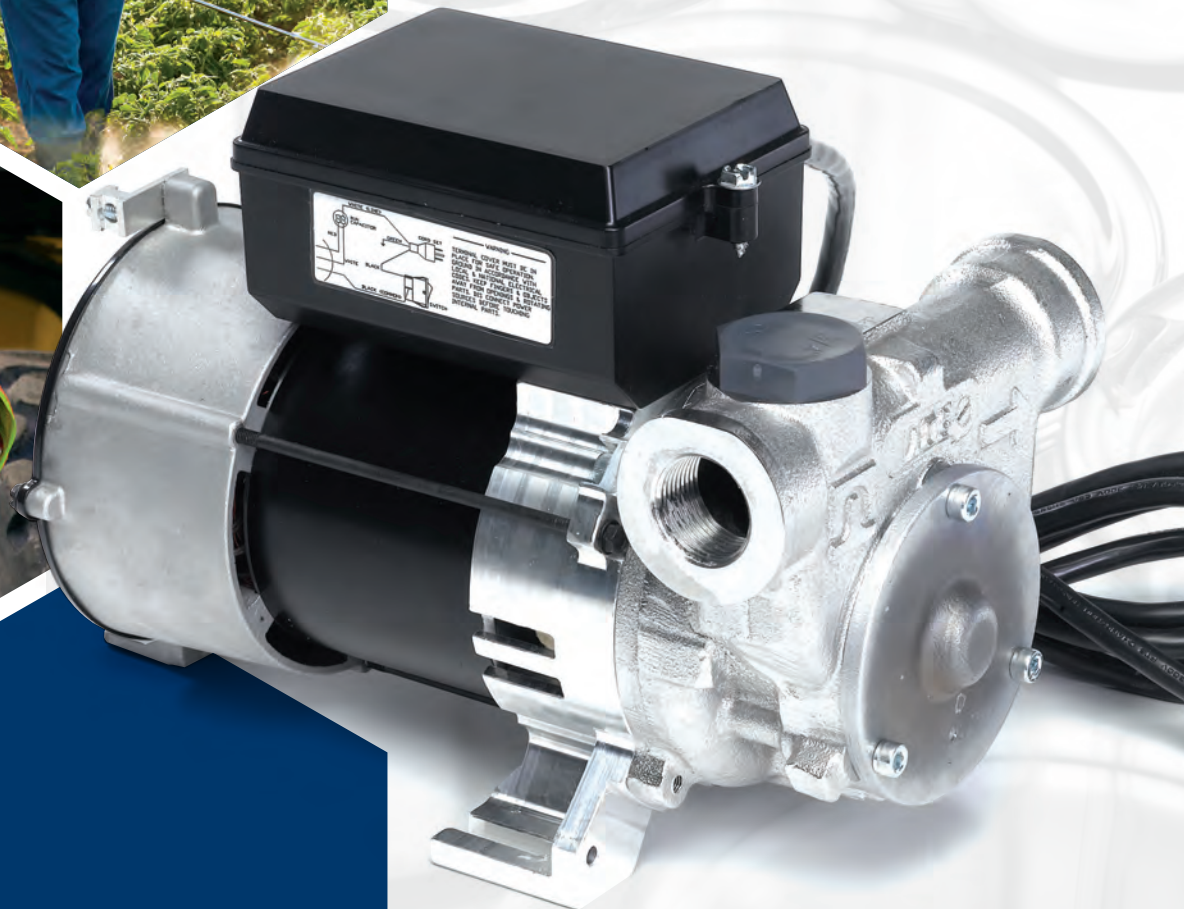




SOTERA™

SYSTEMS

PROFESSIONAL SERIES
ROTARY VANE PUMPS



As part of Tuthill Transfer Systems, we've been making heavy-duty, industrial rotary vane pumps for 50 years. We're expanding our expertise to the professional market to better fit the occasional user.

Sotera Professional Series Rotary Vane pumps are designed for light duty using thin liquids that are compatible with stainless steel, but not with cast iron. Chemical manufacturers and users that run many different liquids through their pumps want the maximum practical corrosion protection that's standard on the SV Series.

The SV Series is compatible with:

- Acids and alkalis
- Aqueous solutions
- Diesel Exhaust Fluid (DEF)
- Soaps and degreasers



We offer complete systems to unload from your tote or drum unit.



KEY FEATURES AND BENEFITS

Compact stainless steel mounting plate and complete accessory packages with stainless steel automatic nozzle, suction/discharge hoses, and digital meter.

True Self-priming Technology—no priming chamber to be filled; rotary vane pump design provides excellent suction lift and application flexibility. Empty totes from the top or bottom.

Internal Bypass—spring is installed in the pump housing for continuous pump operation, eliminating the cost of return to the tank system. Protects pump from over-pressure from day one and beyond.

Short-term Dry-run Capabilities—high-efficiency pump with self-priming, short-term dry-run capabilities that handle entrained gases. Allows self-priming, completely emptying totes.

Parts Commonality—better design with fewer parts reduces maintenance, and the commonality of parts between the 8-gpm and 20-gpm pumps reduces parts stocking needs. The result is better parts availability and a lower cost of ownership.

Motor Speed Operation—motor speed operation eliminates speed reducer. No shaft alignment, coupling, or guard. Reduces footprint and system cost, and allows quick, easy installation.

Pump	GPM (Max)	Differential PSI (Max)	Horsepower	Motor Enclosure	Temp (Max)	Viscosity (Max)	RPM	Port Size	Approximate Shipping Weight
SV8ARDNSD	8	29	1/2hp/115V AC	ODP	125°F	40 cp	3,450	3/4" NPT	24 lbs.
SV8ARDBSD	8	29	1/2hp/115V AC	ODP	125°F	40 cp	3,450	3/4" BSPP	24 lbs.

Construction	Housing	Rotor	Vanes	Seal	O-rings	Shaft	Cover Plate	Bushings
Standard	304SS	304SS	POM*	Fluorocarbon	Fluorocarbon	304SS	304SS	Polypropylene

* Polyoxymethylene /Acetal

Accessories

Part Number	Description
MMSS075RSV	MicroMatic RSV dispense coupler—with 3/4" hose barb
MMSS075EPV	MicroMatic EPV dispense coupler—with 3/4" hose barb
FRHA07506HW	3/4" x 6' hard-walled EPDM suction hose—hose barb and (1) 3/4" BSPP connection
FRHS07512S	3/4" x 12' EPDM discharge hose—BSPP male connection
FRNS075A	Stainless Steel Automatic Nozzle 3/4" BSPP female connection
KIT180DTPS	Colder Drumquik coupler and downtube—2" buttress thread for 55-gallon drum
KITFR55DU	55-gallon drum cart with locking casters and tool tray
KIT180MPPS	Tote mounting plate
KIT180MAPS	Tote mounting assembly—plate, suction/discharge hose, nozzle
KIT180MAMPS	Tote mounting assembly—plate, suction/discharge hose, nozzle, 825 meter and union



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