

# SHURFLO®

## INDUSTRIAL PUMP TECHNOLOGIES



Industrial



Floor Care



Solar



Automotive



Car wash



Healthcare



**PENTAIR**

# ABOUT

Shurflo® has been a leading name in small pump manufacturing since 1968. With various flows, voltages and material choices, the Shurflo line covers a wide range of fluid-handling applications. Whether working on a new system or improving an existing one, our experienced field personnel and applications engineering team will assist you in selecting a pump to meet your requirements. Our team is also ready to work with you to develop your custom pumping solution.



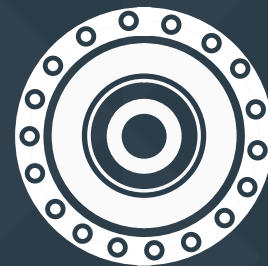
## PUMP SELECTION ASSISTANCE

- | Visit [www.shurflo.com](http://www.shurflo.com) and click on the Pump Select icon
- | Fill in as much application information as possible and click submit
- | Our Application Engineers will review your request and provide a tailored Shurflo pump solution



- / AN EXTENSIVE PRODUCT LINE
- / INNOVATIVE SOLUTIONS
- / QUALITY PRODUCTS
- / SUPERIOR CUSTOMER SERVICE
- / CUSTOM CONFIGURATIONS
- / DYNAMIC PARTNERSHIP OPTIONS
- / APPLICATION SPECIFIC SUPPORT

WE  
OFFER



# MARKETS



## General Industrial

With various flow rates, voltages, and material combinations available, Shurflo® pump configurations are comprised of a wide range of industrial fluid-handling applications that includes construction, laboratory, chemical transfer, ink and dye injection and hot oil equipment.



## Floor Care/Sanitation

Engineered OEM pump solutions for scrubber, extractor and pre-treatment sprayers for hard and soft surface floor care offer the service provider consistent performance and durable reliability.



## Solar Watering

Pumps and accessories tailored for low amp draw and enduring performance ideally suited for remote livestock watering, off-grid residence, or whenever efficient DC powered water delivery is needed.



## Automotive

Fluid service and maintenance for vehicle fluid rejuvenation. Offering flows, voltages and material combinations to handle common automotive fluids and cleaning agents.



## Car Wash

Offering AODD (air operated diaphragm) pump and other technologies in dispensing and chemical solution delivery.



## Medical/Healthcare

Offering a versatile and wide range for specific functions in post-surgery, therapy cooling, disinfecting equipment and applications for optical grinding equipment.



# APPLICATIONS

/ CHEMICAL TRANSFER & METERING

/ COLD THERAPY CIRCULATION

/ CONSTRUCTION AND EQUIPMENT

/ CHEMICAL AND FLUID DISPENSING

/ WATER TREATMENT AND DELIVERY

/ HOT OIL EQUIPMENT



# 5000 SERIES PUMPS

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UNCOMPROMISING CONSTRUCTION AND PERFORMANCE



- | Runs dry without damage
- | Heavy duty sealed motor
- | Flow rates up to 5 GPM
- | Self-priming
- | Bypass for smooth flow
- | Available in 12 and 24 VDC
- | Co-molded diaphragm



The Shurflo® 5000 series pump was created with a unique one-piece co-molded diaphragm, assuring long life and top performance in any system. The 5000 series pump is built for powerful, smooth flow. Shurflo pumps have a quality reputation that has been built on the reliability and dependability of every pump we build. The 5000 series automatic demand pump is powerful, and can run dry without damage.

# 8000 SERIES PUMPS

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HIGH PRESSURE, LOW FLOW APPLICATIONS





- | Up to 8 vertical ft (2.4 m) self-priming available
- | Built-in check valve
- | Designed for spraying and fluid transfer
- | Can run dry without damage
- | Pressures up to 150 PSI [10.3 bar]
- | Chemically resistant materials



The 8000 series diaphragm pump is the most widely used Shurflo® industrial pump. With spherically shaped valves and automatic demand switch, these pumps deliver consistent, dependable operation and priming; up to 1.8 GPM [6.8l/min]. They can be mounted in any position, and are designed for easy maintenance. They are available in a variety of voltages, from 12 VDC to 230 VAC.

# 2088 SERIES PUMPS

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HIGH FLOW, LOW PRESSURE APPLICATIONS



- | Built-in check valve (may vary by model) to prevent back flow of fluid
- | Up to 12 vertical ft [3.7m] self-priming available
- | Chemically resistant materials
- | Can run dry without damage
- | Automatic demand
- | Pressures up to 45 PSI [3.1 bar]



Shurflo 2088 series diaphragm pumps are used in a variety of spraying, and transfer applications that require flows of up to 3.8 GPM [14.3l/min]. They are available in a variety of chemically resistant materials. Depending on performance requirements, the pump can be mounted in any position, and are designed for easy maintenance. They are available in a variety of voltages, from 12 VDC to 230 VAC.

# 9325 SUBMERSIBLE PUMPS

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REMOTE WATER PUMP





- | Long life 24 VDC operation
- | Runs dry without damage
- | For 4" wells or larger
- | 50 mesh stainless steel screen
- | Corrosion-proof housing with stainless steel fasteners
- | State of the art solid diaphragm
- | Up to 230 ft head
- | Quick disconnect with "Watertight Gland"



This pump is rugged, durable and built to last. The 9300 series delivers a steady 82 GPH [310 LPH] at its maximum depth of 230ft. [70M] when supplied with 24 VDC. It's unique water-tight power connector stops water wicking and prevents potential condensation problems. Great for livestock watering, irrigation, pond aeration, remote homes and cabins.



# SLV SERIES PUMPS

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PERFECT FOR LOW FLOW SPRAYING AND TRANSFER



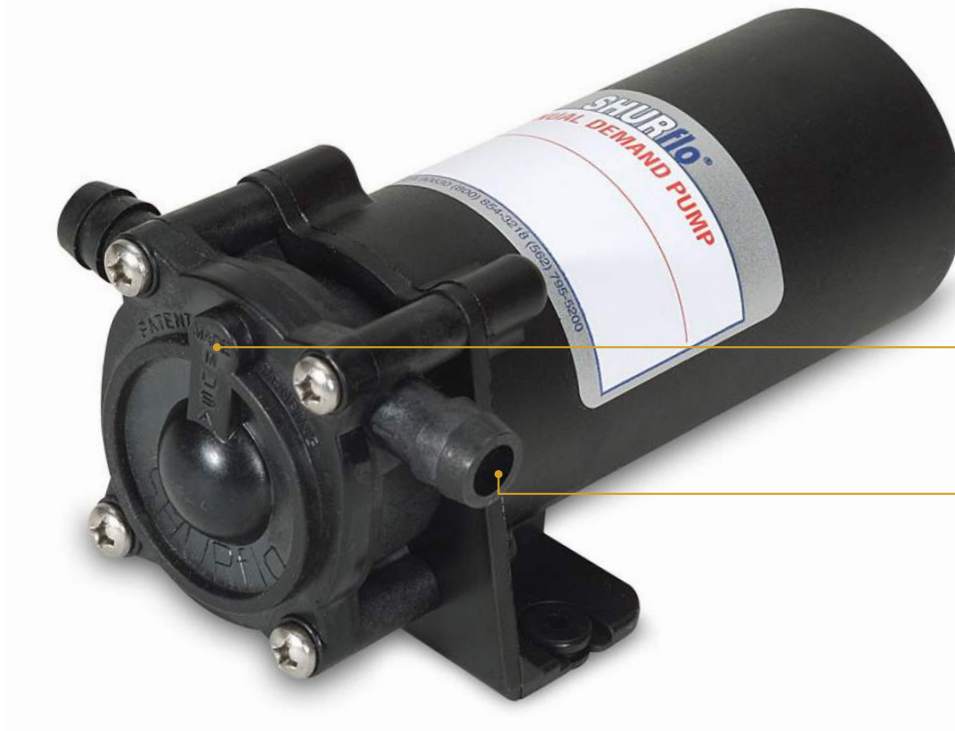
- | Integral on/off switch optional
- | 1 GPM open flow
- | Self-priming up to 2.5 vertical ft [.76 m]
- | Viton® or EPDM valves
- | Santoprene™ or Geolast® diaphragm
- | Thermally protected ball motor with splash-proof housing available
- | Automatic demand; 25 PSI [1.72 bar] on / 40 PSI [2.8 bar] off



The SLV is ideal for low volume, intermittent duty applications requiring a compact pump with low power consumption. Unique design has no metals in the fluid path for maximum chemically resistance. Automatic-demand operation and elastomers that handle a wide variety of fluids offer great versatility. Cost effective, yet with high performance and reliability; the SLV offers tremendous value.

# 100 SERIES PUMPS

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COMPACT, RUGGED AND RELIABLE





- | Small size
- | 1 GPM open flow; 30 PSI max
- | Unique design eliminates valves
- | Easy installation
- | Available in 12 VDC and 24 VDC
- | Built-in 3/8" hose barb inlet and outlet ports



The 100 series is a positive displacement pump for flooded inlet, low volume, and low-pressure applications. Perfect where a low volume fill pump is needed, the unique wobbler design has no valves, and can pump a wide range of chemicals and fluids. Available in 12 VDC and 24 VDC. Pump must be mounted below the supply tank to prime. Not for applications that require dry running.

# 477 SERIES AODD PUMPS

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AIR OPERATED, DOUBLE DIAPHRAGM





- | Santoprene™ and Viton® models available
- | Industry standard mounting and ports
- | High-efficiency, no-stall pneumatic spool valves for long life
- | Includes 1/2" & 3/4" barbed liquid fittings
- | Can run dry without damage
- | Up to 10 GPM open flow @ 100 PSI air pressure (3/4" port fittings)



The Shurflo® 477 AODD pump is designed for the most demanding industrial applications. With a dual diaphragm design and pneumatic spool valve, it provides exceptionally long life and consistent flow. The 477 series contains specialized elastomer, allowing compatibility with the most caustic or acidic fluids.

# 166 SERIES AODD PUMPS

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AIR OPERATED, LOW FLOW PUMP



| 2-chamber dual diaphragm

| On-demand operation

| Positive displacement

| Chemically resistant  
polypropylene body

| 30 to 60 PSI [2.1- 4.1 bar]

| 0.6 GPM maximum flow



Available in Santoprene™, Viton®, Buna, and EPDM, the Shurflo® 166 air operated demand pumps employ a dual diaphragm design, with a patented fast action switching mechanism allowing for consistent flow and pressure. They are available in a variety of elastomers that allow them to be compatible with mild caustic or acidic fluids. The 166 series is ideal for chemical transfer, injection and spraying.

# 300 SERIES METERING PUMPS

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CONSISTENT PERFORMANCE FOR PRECISE APPLICATION





- | Ideal for slurries, viscous, shear sensitive and aggressive fluids
- | No contamination of the pump or fluid
- | Self-priming to 30 feet [9 m]
- | Spring actuated rollers
- | Generates pressure up to 60 PSI [4.1 Bar]
- | Easy to install, operate and maintain
- | Flows to 11 oz./min [325 ml/min]
- | Prevents back flow and siphoning



The 300 series peristaltic pumps have the media confined to the pump tube, allowing compact, precise contamination free pumping. This Shurflo® spring-actuated roller design provides consistent motor load, consistent tubing seal, and low tubing stress for extremely long life.



# SHURFLO®

## YOUR INDUSTRIAL PUMP PARTNER



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