

# SEAFLO®

Make water work for you

## 2023 SEAFLO AGRICULTURAL RANGE



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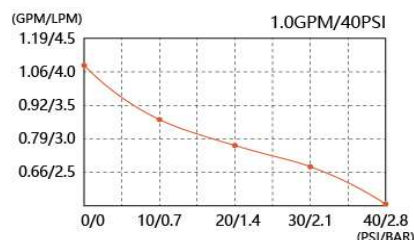
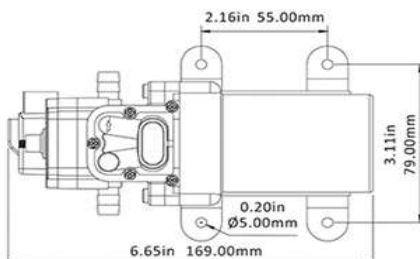
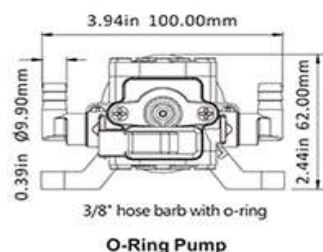
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## 21 Series DC Diaphragm Ag Pump

The 21 Series Pumps are compact and designed for a wide range of applications including liquid transfer, spraying, circulation, filtration and dispensing. The 21-series of diaphragm pumps are self-priming and can be run dry without harm. Miniature multi outlet water pressure pump serves 1 or 2 3/8" (10 mm) outlets at any one time. This compact automatic demand water system pump has a built-in pressure switch, which automatically starts and stops the pump when faucet is opened and closed.



|                             |  |
|-----------------------------|--|
| Type                        | 2 Chamber positive displacement diaphragm pump, self priming, capable of being run dry |
| Valve / Diaphragm           | Viton / Santoprene   |
| Control Type                | Pressure switch  |
| Max Recommended Temperature | 60° C (140° F)   |
| Priming Capabilities        | 1.2m (4 feet) suction lift   |
| Re-start Pressure           | Shut-off Pressure 35 PSI: 25 PSI $\pm$ 5 PSI ( $\pm$ 0.3 bar)                          |
|                             | Shut-off Pressure 40 PSI: 30 PSI $\pm$ 5 PSI ( $\pm$ 0.3 bar)                          |
|                             | Shut-off Pressure 70 PSI: 56 PSI $\pm$ 5 PSI ( $\pm$ 0.3 bar)                          |
| Inlet/Outlet Ports          | 3/8" (10 mm) hose barb   |
| Wire Connections            | 2-Pin Leads  |
| Weight                      | 0.6 kg   |



| Model             | Open Flow | Shut-off Pressure |     | Voltage / Max Amps | List Price |
|-------------------|-----------|-------------------|-----|--------------------|------------|
|                   | LPM       | PSI               | BAR |                    |            |
| SFADP1-012-035-21 | 4.3       | 35                | 2.4 | 12V / 4.0A         | \$107.17   |
| SFADP1-010-040-21 | 3.8       | 40                | 2.8 | 12V / 4.0A         | \$107.17   |
| SFADP1-011-070-21 | 4.0       | 70                | 4.8 | 12V / 4.0A         | \$107.17   |

### GENUINE PARTS

| Model             | Pressure Switch | List Price |
|-------------------|-----------------|------------|
| SFADP1-012-035-21 | SFPSA3521       | \$28.31    |
| SFADP1-010-040-21 | SFPSA4021       | \$28.31    |
| SFADP1-011-070-21 | SFPSA7021       | \$28.31    |



### GENUINE PART

| Model                    | Viton Diaphragm | List Price |
|--------------------------|-----------------|------------|
| Suit All 21 Series Pumps | SFDVA21         | \$10.99    |

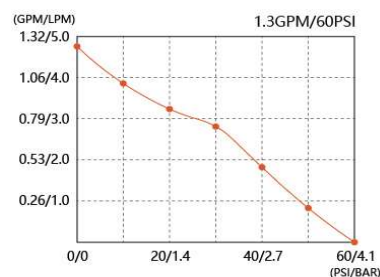
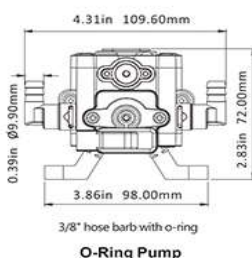
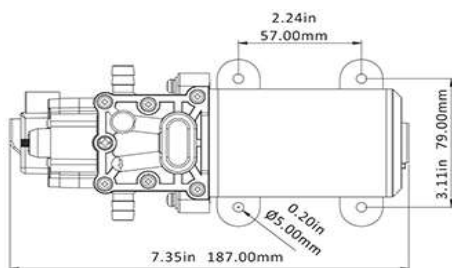


## 22 Series DC Diaphragm Ag Pump

The SEAFLO 22 series pumps are your best choice when looking for a high performance diaphragm pump at an economical cost. Simple but highly versatile, the Seaflo 22 series pumps are perfect for fluid handling applications such as purification, light industrial, food and beverage, agricultural, and automotive. Additionally, it's packed with features and capabilities you'll never find in other pumps at this price point. The 22-series of diaphragm pumps are self-priming, can be run dry without harm and have an internal bypass feature which reduces pump cycling.



|                             |  |
|-----------------------------|--|
| Type                        | 2 Chamber positive displacement diaphragm pump, self priming, capable of being run dry |
| Valve / Diaphragm           | Viton / Santoprene   |
| Control Type                | Pressure switch  |
| Max Recommended Temperature | 60° C (140° F)   |
| Priming Capabilities        | 1.2m (4 feet) suction lift   |
| Re-start Pressure           | Shut-off Pressure 60 PSI : 48 PSI $\pm$ 5 PSI ( $\pm$ 0.3 bar)                         |
|                             | Shut-off Pressure 80 PSI : 65 PSI $\pm$ 5 PSI ( $\pm$ 0.3 bar)                         |
|                             | Shut-off Pressure 100 PSI : 75 PSI $\pm$ 5 PSI ( $\pm$ 0.3 bar)                        |
| Inlet/Outlet Ports          | 3/8" (10 mm) hose barb   |
| Wire Connections            | 2-Pin Leads  |
| Weight                      | 1.1 kg   |



| Model             | Open Flow | Shut-off Pressure |     | Voltage / Max Amps | List Price |
|-------------------|-----------|-------------------|-----|--------------------|------------|
|                   | LPM       | PSI               | BAR |                    |            |
| SFADP1-012-080-22 | 4.5       | 80                | 5.5 | 12V / 4.5A         | \$120.52   |
| SFADP1-013-100-22 | 5.0       | 100               | 6.9 | 12V / 5.0A         | \$138.62   |

### GENUINE PART

| Model             | Pressure Switch | List Price |
|-------------------|-----------------|------------|
| SFADP1-012-080-22 | SFPSA8022       | \$28.31    |
| SFADP1-013-100-22 | SFPSA10022      | \$28.31    |



### GENUINE PART

| Model                    | Viton Diaphragm Kit | List Price |
|--------------------------|---------------------|------------|
| Suit All 22 Series Pumps | SFDVA22             | \$10.99    |



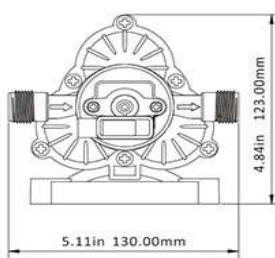
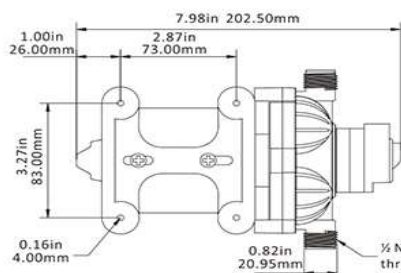


## 33 Series DC Diaphragm Ag Pump

The SEAFLO 33 series pumps are capable of continuous heavy duty and extreme workloads. Matched with high performance motor, the 33 series has extreme chemical capability and goes beyond the normal call of duty with many other additives as well. This 3-chamber diaphragm pump provides up to 11.6 litres per minute and is capable of self-priming up to 1.8 vertical meters, and can run dry without damage. They are easy to install, service and winterize. Seaflo also offers a variety of easy connect fittings and filters.



|                             |  |
|-----------------------------|--|
| Type                        | 3 Chamber positive displacement diaphragm pump, self priming, capable of being run dry |
| Valve / Diaphragm           | Viton / Santoprene   |
| Control Type                | Pressure switch  |
| Max Recommended Temperature | 60° C (140° F)   |
| Priming Capabilities        | 1.8m (6 feet) suction lift   |
| Re-start Pressure           | Shut-off Pressure 45 PSI : 35 PSI $\pm$ 5 PSI ( $\pm$ 0.3 bar)                         |
| Inlet/Outlet Ports          | 1/2" Male NPT  |
| Wire Connections            | 2-Pin Leads  |
| Weight                      | 1.9 kg   |



| Model             | Open Flow | Shut-off Pressure |     | Voltage / Max Amps | List Price |
|-------------------|-----------|-------------------|-----|--------------------|------------|
|                   | LPM       | PSI               | BAR |                    |            |
| SFADP1-030-045-33 | 11.6      | 45                | 3.1 | 12V / 8.0A         | \$282.42   |

| GENUINE PART      |                 |            |
|-------------------|-----------------|------------|
| Model             | Pressure Switch | List Price |
| SFADP1-030-045-33 | SFPSA4533       | \$28.31    |



| GENUINE PART             |                     |            |
|--------------------------|---------------------|------------|
| Model                    | Viton Diaphragm Kit | List Price |
| Suit All 33 Series Pumps | SFDVA33             | \$15.91    |

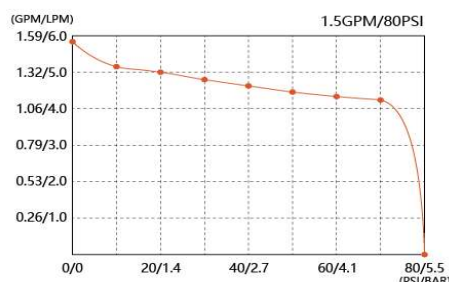
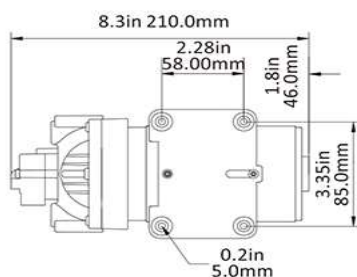
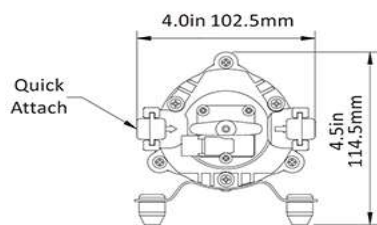


## 35 Series DC Diaphragm Ag Pump

The 35 series pumps are capable of continuous heavy duty and extreme workloads. Matched with high performance motor, the 35 series has extreme chemical capability and goes beyond the normal call of duty with many other additives as well. It provides reliable performance in moderate water flow, high-pressure applications. This 3-chamber diaphragm pump provides up to 7 Litres per minute and is capable of self-priming up to 1.8 vertical meters, and can run dry without damage.



|                             |  |
|-----------------------------|--|
| Type                        | 3 Chamber positive displacement diaphragm pump, self priming, capable of being run dry |
| Valve / Diaphragm           | Viton / Santoprene   |
| Control Type                | Pressure switch  |
| Max Recommended Temperature | 60° C (140° F)   |
| Priming Capabilities        | 1.8m (6 feet) suction lift   |
| Re-start Pressure           | Shut-off Pressure 80 PSI : 65 PSI $\pm$ 5 PSI( $\pm$ 0.3 bar)                          |
|                             | Shut-off Pressure 80 PSI : 65 PSI $\pm$ 5 PSI( $\pm$ 0.3 bar)                          |
| Inlet/Outlet Ports          | 5/8" (16 mm) QUICK ATTACH  |
| Wire Connections            | 2-Pin Leads  |
| Weight                      | 2.3 kg   |



| Model             | Open Flow | Shut-off Pressure |     | Voltage / Max Amps | List Price |
|-------------------|-----------|-------------------|-----|--------------------|------------|
|                   | LPM       | PSI               | BAR |                    |            |
| SFADP1-015-080-35 | 5.5       | 80                | 5.5 | 12V / 7.0A         | \$276.09   |
| SFADP1-018-120-35 | 7.0       | 120               | 8.3 | 12V / 12A          | \$326.51   |

| GENUINE PART      |                 |            |
|-------------------|-----------------|------------|
| Model             | Pressure Switch | List Price |
| SFADP1-015-080-35 | SFPSA8035       | \$28.31    |
| SFADP1-018-120-35 | SFPSA12035      | \$28.31    |



| GENUINE PART             |                     |            |
|--------------------------|---------------------|------------|
| Model                    | Viton Diaphragm Kit | List Price |
| Suit All 35 Series Pumps | SFDVA35             | \$15.91    |

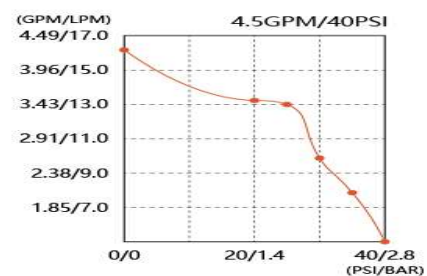
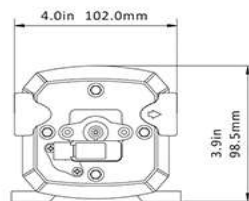
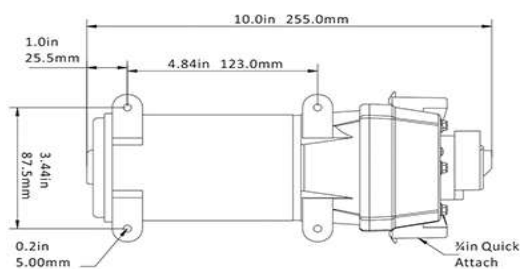


## 41 Series DC Diaphragm Ag Pump

The 41-Series pump provides high volume water flow with reduced pump cycling, thanks to the quad chamber diaphragm and internal bypass. The Four-chamber high volume design, driven by a heavy-duty motor, produces flow rates of 12.5 to 17.0 LPM, With on-demand switching. The 41-Series pumps are self-priming, and can run dry without damage, performance reliable and low current. Seaflo also offers a variety of Easy Connect fittings and filters



|                             |  |  |
|-----------------------------|--|--|
| Type                        | 4 Chamber positive displacement diaphragm pump, self priming, capable of being run dry |  |
| Valve / Diaphragm           | Viton / Santoprene   |  |
| Control Type                | Pressure switch & By pass control  |  |
| Max Recommended Temperature | 60° C (140° F)   |  |
| Priming Capabilities        | 1.8m (6 feet) suction lift   |  |
| Re-start Pressure           | Shut-off Pressure 40 PSI : 30 PSI ± 5 PSI( ± 0.3 bar)                                  |  |
| Inlet/Outlet Ports          | 5/8" (16 mm) QUICK ATTACH  |  |
| Wire Connections            | 2-Pin Leads  |  |
| Weight                      | 2.4  |  |



| Model             | Open Flow | Shut-off Pressure |     | Voltage / Max Amps | List Price |
|-------------------|-----------|-------------------|-----|--------------------|------------|
|                   | LPM       | PSI               | BAR |                    |            |
| SFADP1-045-040-41 | 17.0      | 40                | 2.8 | 12V / 15.0A        | \$377.32   |

| GENUINE PART      |                 |            |
|-------------------|-----------------|------------|
| Model             | Pressure Switch | List Price |
| SFADP1-045-040-41 | SFPSA4041       | \$28.31    |



| GENUINE PART             |                     |            |
|--------------------------|---------------------|------------|
| Model                    | Viton Diaphragm Kit | List Price |
| Suit All 41 Series Pumps | SFDVA41             | \$18.55    |

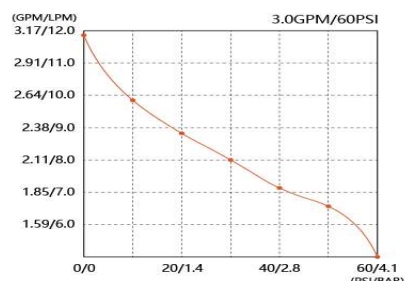
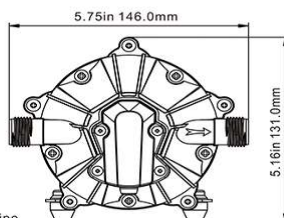
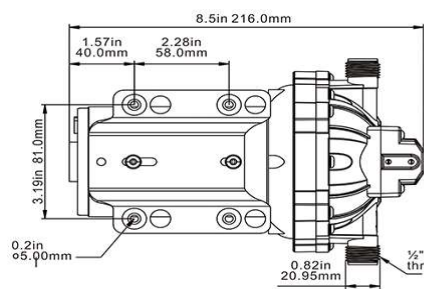


## 51 Series DC Diaphragm Ag Pump

An economical workhorse, the 51 series are engineered for flexibility. The 51-Series is our Heavy-Duty water pump. It provides high volume water flow with reduced pump cycling, thanks to the large five-chamber diaphragm. With on-demand switching, 11.5 LPM, and 60 PSI, the 51 series will meet your special requirements with positive predictable performance. The 51-Series pumps are self-priming, and can run dry without damage, performance reliable and low current.



|                             |  |
|-----------------------------|--|
| Type                        | 5 Chamber positive displacement diaphragm pump, self priming, capable of being run dry |
| Valve / Diaphragm           | Viton / Santoprene   |
| Control Type                | Pressure switch  |
| Max Recommended Temperature | 60° C (140° F)   |
| Priming Capabilities        | 1.8m (6 feet) suction lift   |
| Re-start Pressure           | Shut-off Pressure 60 PSI : 48 PSI $\pm$ 5 PSI ( $\pm$ 0.3 bar)                         |
| Inlet/Outlet Ports          | 1/2" Male NPT  |
| Wire Connections            | 2-Pin Leads  |
| Weight                      | 2.8 kg   |



| Model             | Open Flow | Shut-off Pressure |     | Voltage / Max Amps | List Price |
|-------------------|-----------|-------------------|-----|--------------------|------------|
|                   | LPM       | PSI               | BAR |                    |            |
| SFADP1-030-060-51 | 11.5      | 60                | 4.2 | 12V / 10A          | \$303.86   |

| GENUINE PART      |                 |            |
|-------------------|-----------------|------------|
| Model             | Pressure Switch | List Price |
| SFADP1-030-060-51 | SFPSA6051       | \$28.31    |

| GENUINE PART             |                     |            |
|--------------------------|---------------------|------------|
| Model                    | Viton Diaphragm Kit | List Price |
| Suit All 51 Series Pumps | SFDVA51             | \$24.97    |



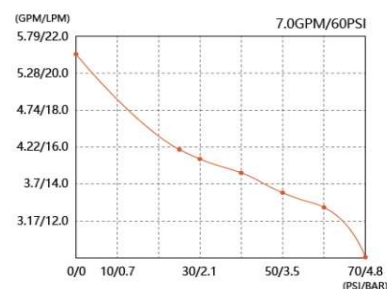
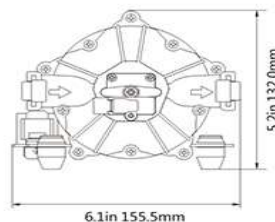
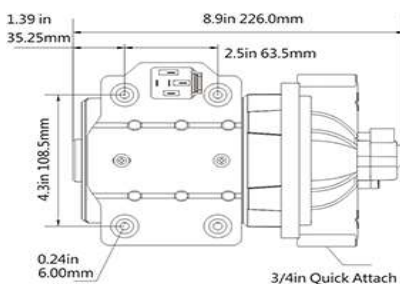


## 53 Series DC Diaphragm Ag Pump

Demanding industrial pump environments require precise engineering and quality components—the 53 Series was designed with both. To maximize the potential of all five diaphragm chambers, Seaflo matched it with a high torque, completely sealed motor. It provides high volume water flow with reduced pump cycling, thanks to the large five-chamber diaphragm. Due to its robust motor and heavy-duty construction, it's a popular choice for use with tough agricultural applications. For its size, it is one of the most powerful and productive diaphragm pumps you can buy, pumping up to 26.5 LPM. If your specifications call for low noise, smooth operation, continuous operation and high capacity, the 53 Series will meet the challenge. Compact design and plug-in port fittings



|                             |  |
|-----------------------------|--|
| Type                        | 5 Chamber positive displacement diaphragm pump, self priming, capable of being run dry |
| Valve / Diaphragm           | Viton / Santoprene   |
| Control Type                | Switch and Bypass  |
| Max Recommended Temperature | 60° C (140° F)   |
| Priming Capabilities        | 1.8m (6 feet) suction lift   |
| Re-start Pressure           | Shut-off Pressure 60 PSI : 48 PSI ±5 PSI (±0.3 bar)                                    |
| Inlet/Outlet Ports          | 3/4" Quick Attach  |
| Wire Connections            | 2-Pin Leads  |
| Weight                      | 4.5 kg   |



| Model             | Open Flow | Shut-off Pressure |     | Voltage / Max Amps | List Price |
|-------------------|-----------|-------------------|-----|--------------------|------------|
|                   | LPM       | PSI               | BAR |                    |            |
| SFADP1-070-060-53 | 26.5      | 60                | 4.2 | 12V / 24.5A        | \$685.39   |

| GENUINE PART      |                 |            |
|-------------------|-----------------|------------|
| Model             | Pressure Switch | List Price |
| SFADP1-070-060-53 | SFPSA6053       | \$28.31    |



| GENUINE PART              |                     |            |
|---------------------------|---------------------|------------|
| Model                     | Viton Diaphragm Kit | List Price |
| Suits All 53 Series Pumps | SFDVA53             | \$24.97    |

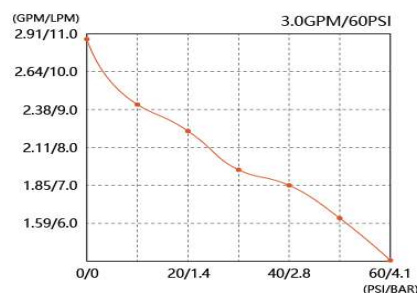
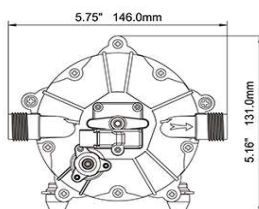
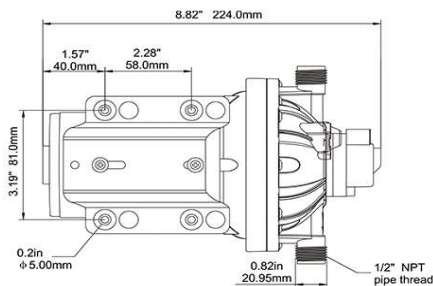


## 55 Series DC Diaphragm Ag Pump

The 55 Series is our Heavy-Duty water pump. It provides high volume water flow with reduced pump cycling, thanks to the large five-chamber diaphragm. These models are designed to run on water systems with no accumulator tank necessary, and up to five fixtures. It is also suited for use with a holding tank water system, as may be found in a boat, RV or remote cabin. All are fitted with a built-in pulsation dampening by-pass to control unwanted cycling and noise. The 55-Series pumps are self-priming, and can run dry without damage, performance reliable and low current. This automatic demand water system pump has a built-in pressure switch, which automatically starts and stops the pump when the faucet is opened and closed. They are easy to install service and winterize.



|                             |  |
|-----------------------------|--|
| Type                        | 5 Chamber positive displacement diaphragm pump, self priming, capable of being run dry |
| Valve / Diaphragm           | Viton / Santoprene   |
| Control Type                | Pressure switch  |
| Max Recommended Temperature | 60° C (140° F)   |
| Priming Capabilities        | 1.8m (6 feet) suction lift   |
| Re-start Pressure           | Shut-off Pressure 60 PSI : 48 PSI $\pm$ 5 PSI ( $\pm$ 0.3 bar)                         |
| Inlet/Outlet Ports          | 1/2" Male NPT  |
| Wire Connections            | 2-Pin Leads  |
| Weight                      | 2.8 kg   |



| Model             | Open Flow | Shut-off Pressure |     | Voltage / Max Amps | List Price |
|-------------------|-----------|-------------------|-----|--------------------|------------|
|                   | LPM       | PSI               | BAR |                    |            |
| SFADP1-040-060-55 | 15.0      | 60                | 4.2 | 12V / 15.0A        | \$402.15   |
| SFADP1-050-060-55 | 18.9      | 60                | 4.2 | 12V / 17.0A        | \$603.85   |

| GENUINE PART      |                 |            |
|-------------------|-----------------|------------|
| Model             | Pressure Switch | List Price |
| SFADP1-040-060-55 | SFPSA6055       | \$28.31    |
| SFADP1-050-060-55 | SFPSA6055       | \$28.31    |



| GENUINE PART             |                     |            |
|--------------------------|---------------------|------------|
| Model                    | Viton Diaphragm Kit | List Price |
| Suit All 55 Series Pumps | SFDVA55             | \$24.97    |





**SF-21F001 + SF-21F002**



**SF-41F001**



**SF-41F002**



**SF-41F003**



**SF-41F004**



**SF-41F005**



**SF-51F01**



**SF-51F02**



**SF-51F03**



**SF-51F04**



**SF-51F05**

| Fittings    |                               |                            |            |
|-------------|-------------------------------|----------------------------|------------|
| Item Number | Size                          | Fitting Type               | List Price |
| SF-21F001   | 15/32" x 3/8" Barb            | Elbow Fitting w/O-Ring     | \$1.71     |
| SF-21F002   | 15/32" x 1/2" Barb            | Elbow Fitting w/O-Ring     | \$1.71     |
| SF-41F001   | 3/4" Quick Attach x 1/2" Barb | Elbow Fitting w/O-Ring     | \$5.88     |
| SF-41F002   | 3/4" Quick Attach x 1/2" MNPT | Male NPT Elbow w/O-Ring    | \$5.88     |
| SF-41F003   | 3/4" Quick Attach x 1/2" Barb | Straight Fitting w/O-Ring  | \$5.88     |
| SF-41F004   | 3/4" Quick Attach x 1/2" MNPT | Male NPT Straight w/O-Ring | \$5.88     |
| SF-41F005   | 3/4" Quick Attach x 1/2" Tube | Tube Straight w/O-Ring     | \$9.36     |
| SF-51F01    | 1/2" FNPT x 1/2" Barb         | Barb Straight Fitting      | \$5.88     |
| SF-51F02    | 1/2" FNPT x 3/8" Barb         | Barb Straight Fitting      | \$5.88     |
| SF-51F03    | 1/2" FNPT x 1/2" Barb         | Barb Elbow Fitting         | \$5.88     |
| SF-51F04    | 1/2" FNPT x 1/2" MNPT         | Male NPT Elbow Fitting     | \$5.88     |
| SF-51F05    | 1/2" FNPT x 3/8" Barb         | Barb Elbow Fitting         | \$5.88     |



**SF-51S01**



**SF-41S03**

| Filters     |                          |                                  |            |
|-------------|--------------------------|----------------------------------|------------|
| Item Number | Size                     | Type                             | List Price |
| SF-51S01    | 1/2" Male NPT            | 1/2" FNPT Inline Filter/Strainer | \$20.17    |
| SF-41S03    | 3/4" QA Female x QA Male | Inlet Filter                     | \$20.05    |
|             |                          |                                  |            |



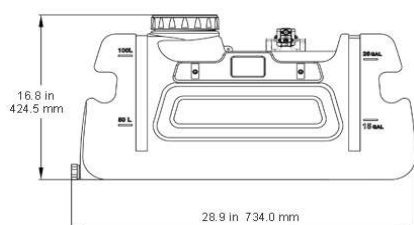
The SEAFLO 16 liters 12-volt knapsack sprayer with rechargeable battery sprayer; wide filling neck, rugged shut-off gun, adjustable nozzle, in-built pressure filter, brass lance. The number one choice for spraying and landscape maintenance professionals, specially designed for everyday use. It is a handy and easy alternative to hand sprayers.

|                              |   |
|------------------------------|---|
| <b>Model</b>                 | <b>SFAESR-16A-01</b>  |
| <b>Pump</b>                  | 2.6 LPM / 70PSI   |
| <b>Battery</b>               | 12 V / 4A   |
| <b>Sprayer Hose</b>          | 1.2 M   |
| <b>16 L Tank</b>             | Strong, easy to clean blow mold UV Stabilized PE tank for long life                               |
| <b>3-stage Filtration</b>    | Large filling screen under lid; large suction filter; pressure filter in lance handle             |
| <b>Large Filling Lid</b>     | Helps prevent spillage when filling   |
| <b>Duty Cycle</b>            | Intermittent  |
| <b>Sprayer Lance</b>         | Rugged brass lance with angled nozzle holder for perfect spray distribution at the correct height |
| <b>Double Nozzle</b>         | Increase the spray range, reduce the spray time   |
| <b>Fan Nozzle</b>            | Sprinklers can spread out the water in the middle, increase the spray range                       |
| <b>Product Size / Weight</b> | 550 x 330 x 220 mm / 6.6 kg   |
| <b>List Price</b>            | <b>\$265.36</b>   |

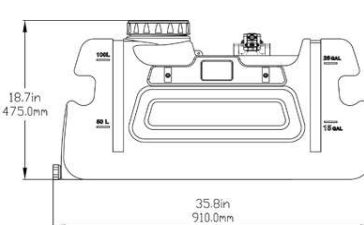


## ATV Spot Sprayer 50L & 100L

The SEAFLO 12 Volt Sprayers covers from 50L to 100L capacity HDPE stabilizer polyethylene tank and are supplied as a self contained complete unit. These new SEAFLO 12V sprayers deliver constant flow, no pulsation and the highest pressure for distance spraying.



SFSP-050-013-01A ( without pressure regulating valve )



SFSP-100-013-01A ( without pressure regulating valve )



### COMPONENT



| Model                              | SFSP-050-013-01A   | SFSP-100-013-01A   |
|------------------------------------|--|--|
| Capacity                           | 50L  | 100L   |
| Automatic High-pressure Water Pump | SEAFLO 22 Series automatic High-pressure Water Pump 5LPM 100PSI                            | SEAFLO 22 Series automatic High-pressure Water Pump 5LPM 100PSI                            |
| Pressure Regulating Valve          | NO   | NO   |
| Sprayer Gun/ Nozzle                | Equipped with normally open state handle switch, plastic sprayer lance, adjustable nozzle. | Equipped with normally open state handle switch, plastic sprayer lance, adjustable nozzle. |
| Sprayer Hose                       | 6m x 10mm of high pressure hose, rated pressure is 20BAR                                   | 6m x 10mm of high pressure hose, rated pressure is 20BAR                                   |
| Battery Cable                      | 2.5 meters battery cable with DC quick-plug and quick-clip power connection                | 2.5 meters battery cable with DC quick-plug and quick-clip power connection                |
| Product Size                       | 73x34x40 CM  | 91x41x50 CM  |
| Package Size                       | 75x35.5x45 CM  | 94x44x56 CM  |
| N.W. / G.W.                        | 6.7 / 8.5 KG   | 9.0 / 11.5 KG  |
| List Price                         | <b>\$342.96</b>  | <b>\$562.79</b>  |

| Sprayer Gun |                              |         |        |                 |            |
|-------------|------------------------------|---------|--------|-----------------|------------|
| Model       | Description                  | Orifice | Length | Hose Barb Inlet | List Price |
| SFSG-D01    | Deluxe Pistol Grip Spray Gun | #18     | 18"    | 3/8"            | \$103.79   |
| SFSG-D02    | Trigger Grip Spray Gun       | #18     | 18"    | 3/8"            | \$141.24   |



SFSG-D01



SFSG-D02

| Sprayer Nozzle |                                   |            |
|----------------|-----------------------------------|------------|
| Model          | Description                       | List Price |
| SFSN-D1001     | Sprayer Nozzle - Fixed Spray      | \$5.35     |
| SFSN-D2001     | Sprayer Nozzle - Duel Fixed Spray | \$5.35     |
| SFSN-T1003     | Sprayer Nozzle - Adjustable Spray | \$5.35     |



SFSN-D1001

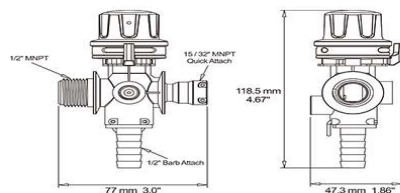


SFSN-D2001

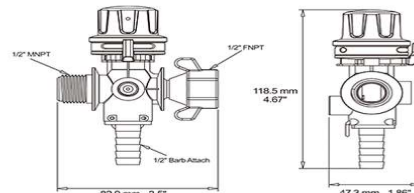


SFSN-T1003

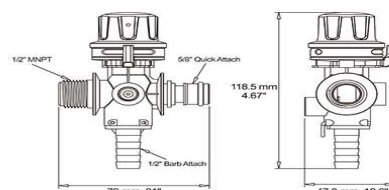
| Pressure Regulating Valve |                     |                            |            |
|---------------------------|---------------------|----------------------------|------------|
| Model                     | Parts               | Pump                       | List Price |
| SFPR-21A-01               | 15/32" QUICK ATTACH | 21/22 Series O-rings Pumps | \$64.20    |
| SFPR-33A-01               | 1/2" FNPT           | 33/34/42/51 Series Pumps   | \$64.20    |
| SFPR-35A-01               | 5/8" QUICK ATTACH   | 35 Series Pumps            | \$64.20    |
| SFPR-41A-01               | 3/4" QUICK ATTACH   | 41/43/52 Series Pumps      | \$64.20    |



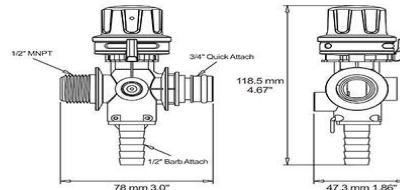
SFPR-21A-01



SFPR-33A-01



SFPR-35A-01



SFPR-41A-01

| Wire Harness |   |        |            |
|--------------|---|--------|------------|
| Model        | Type  | Length | List Price |
| SFAWH-A      | Wiring Harness with ON/OFF Switch car adaptor   | 2.4 m  | \$35.68    |
| SFAWH-D      | Wiring Harness with ON/OFF Switch battery clips | 2.5m   | \$39.24    |



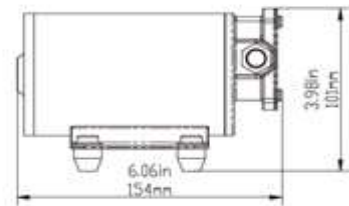
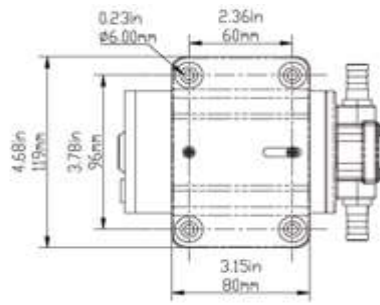
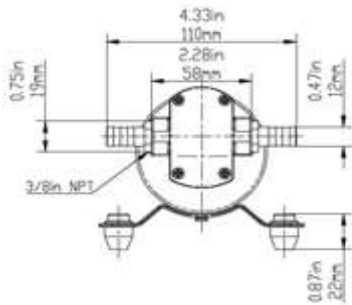
A



D

## Gear Pump

SEAFLO gear pumps are positive displacement pumps, capable of operation in either direction. They may be used to perform a variety of oil transfer applications (DO NOT USE FOR UNLEADED or other combustible fluids). We use robust motors, stainless steel shafts and rugged metal gears. Our tough design provides performance that you can rely on for years.



### Features & Benefits

Perfect for pumping oil.  
Metal pump head.  
Metal gears.  
Sealed motor design.

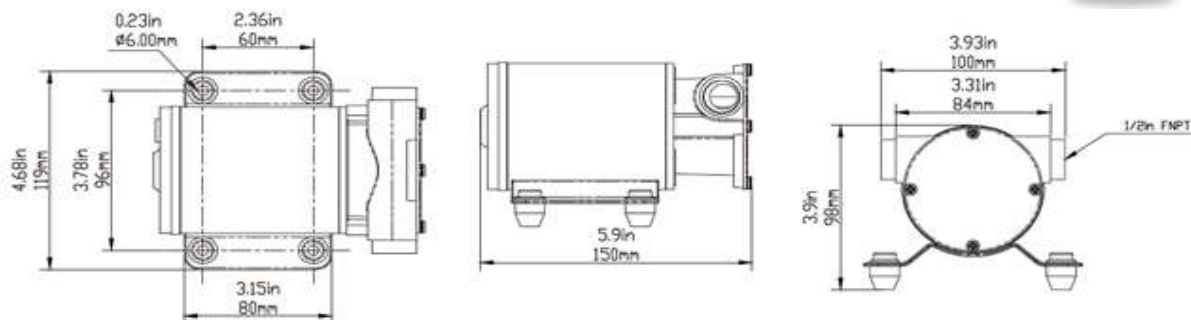
Thermally Protected Motor.  
Self-priming.  
Stainless Steel shaft.

|                             |   |
|-----------------------------|---|
| Type                        | Thermally Protected, High Quality Efficient Motor |
| Max Recommended Temperature | 60° C (140° F)                                    |
| Priming Capabilities        | 1 m (3.2 feet)                                    |
| Head                        | 3 m (9.8 feet) lift                               |
| Impeller                    | Copper  |
| Duty Cycle                  | Intermittent                                      |
| Inlet/Outlet Ports          | 3/8" (10 mm) Female NPT                           |
| Dimensions                  | 195 x 130 x 108 mm                                |
| Weight                      | 2.48 kg   |

| Model            | Voltage | Open Flow | List Price |
|------------------|---------|-----------|------------|
|                  |         | LPM       |            |
| SFGP1-032-003-01 | 12 V    | 12.0      | \$289.22   |
| SFGP2-032-003-01 | 24 V    | 12.0      | \$289.22   |

## Transfer Pump

SEAFLO self-priming bilge pumps are positive displacement pumps, capable of operation in either direction. Can be use widely, including drainage bilge water, sewage water and wash down deck. We use robust motors, stainless steel shafts and rugged metal gears. Our tough design provides performance that you can rely on for years.



### Features & Benefits

Sealed motor design  
Thermally protected motor  
High quality efficient Motor

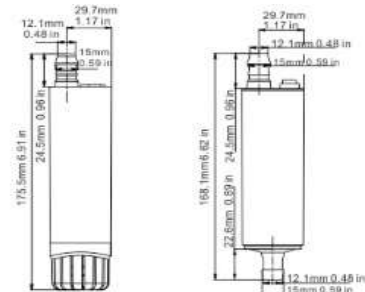
Self-priming  
Stainless Steel Shaft  
Great for sump water that traditional pumps cannot get to

| Type                        | Thermally Protected,High Quality Efficient Motor |
|-----------------------------|--|
| Max Recommended Temperature | 60° C (140° F)                                   |
| Priming Capabilities        | 1.2 m (4 feet)                                   |
| Head                        | 3 m (9.8 feet) lift                              |
| Impeller                    | Rubber & Copper                                  |
| Duty Cycle                  | Intermittent                                     |
| Inlet/Outlet Ports          | 1/2" (12 mm) Female NPT                          |
| Dimensions                  | 195 x 130 x 108 mm                               |
| Weight                      | 2.48 kg  |

| Model            | Voltage | Open Flow | List Price |
|------------------|---------|-----------|------------|
|                  |         | LPM       |            |
| SFSP1-080-003-01 | 12 V    | 30.0      | \$289.22   |
| SFSP2-080-003-01 | 24 V    | 30.0      | \$289.22   |



| Model          | Flow Rate | Head | Voltage | Wire | Outlet Dia  | List Price |
|----------------|-----------|------|---------|------|-------------|------------|
| SFSP1-G280-02A | 17.6 L/M  | 10 m | 12 V    | 5 m  | 1/2" (12mm) | \$113.69   |



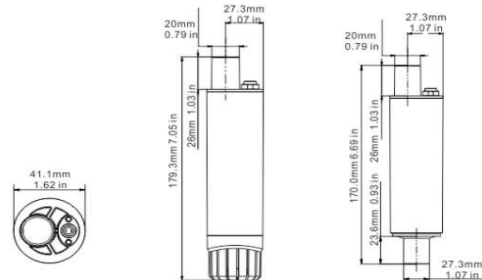
### Features & Benefits

- Able to pump 40° Diesel
- Able to run about 20 minutes
- Portable to carry on
- Easy Installation
- Intermittent Duty
- 5 m lead with clips

| Flow<br>LPH | Head(M) |
|-------------|---------|
| 1006        | 0       |
| 855         | 1       |
| 662         | 2       |
| 503         | 3       |
| 408         | 4       |
| 249         | 5       |
| 0           | 6       |



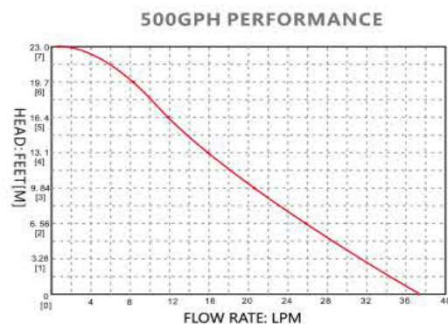
| Model          | Flow Rate | Head | Voltage | Wire | Outlet Dia  | List Price |
|----------------|-----------|------|---------|------|-------------|------------|
| SFSP1-G500-02A | 31.0 LPM  | 10 m | 12 V    | 5 m  | 3/4" (19mm) | \$145.41   |



### Features & Benefits

- Able to pump 40° Diesel
- Able to run about 20 minutes
- Portable to carry on
- Easy Installation
- Intermittent Duty
- 5 m lead with clips

| Flow<br>LPH | Head(M) |
|-------------|---------|
| 1862        | 0       |
| 1510        | 1       |
| 1434        | 2       |
| 1203        | 3       |
| 961         | 4       |
| 635         | 5       |
| 121         | 6       |
| 0           | 7       |



## G500 & G750 Sump Pump

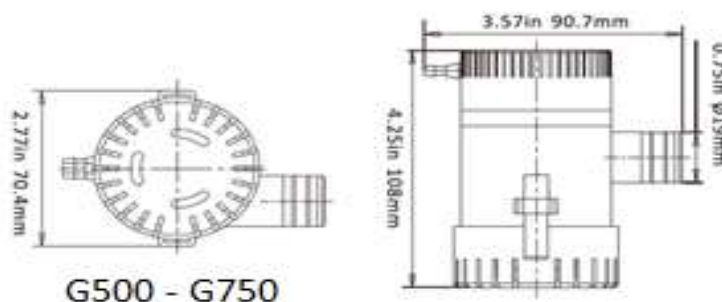
SEAFLO 12V Electric Marine Submersible non-automatic bilge pumps offer water evacuation activated by a panel or float switch. Include Anti-Airlock protection and exclusive moisture tight seals, marine grade blocked wiring. Our larger impeller design and more robust motor allow us to outperform our competitors.

Our removable strainer base fits industry standard mounting conventions though, so you'll have no problem changing to us from them.



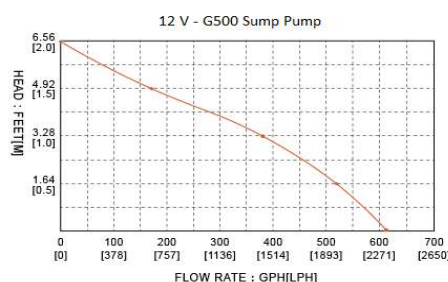
### Features & Benefits

- Entirely submersible
- Snap-off strainer base
- Stainless steel shaft
- Anti-Airlock protection
- Exclusive moisture tight seals
- Marine grade blocked wiring
- Quiet operation



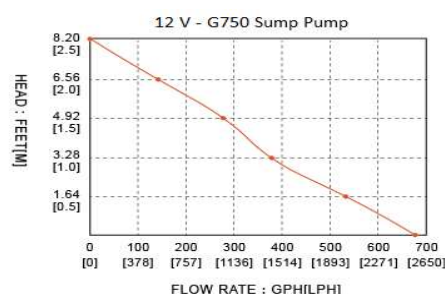
### 12 V - G500 Sump Pump

| Current(A) | Flow | Head(M) |
|------------|------|---------|
|            | LPH  |         |
| 2.16       | 2339 | 0       |
| 2.58       | 1979 | 0.5     |
| 3.04       | 1461 | 1       |
| 3.62       | 632  | 1.5     |
| 4          | 0    | 2       |



### 12 V - G750 Sump Pump

| Current(A) | Flow | Head(M) |
|------------|------|---------|
|            | LPH  |         |
| 2.5        | 2554 | 0       |
| 3.05       | 2032 | 0.5     |
| 3.64       | 1427 | 1       |
| 4.36       | 1082 | 1.5     |
| 4.62       | 459  | 2       |
| 5          | 0    | 2.5     |

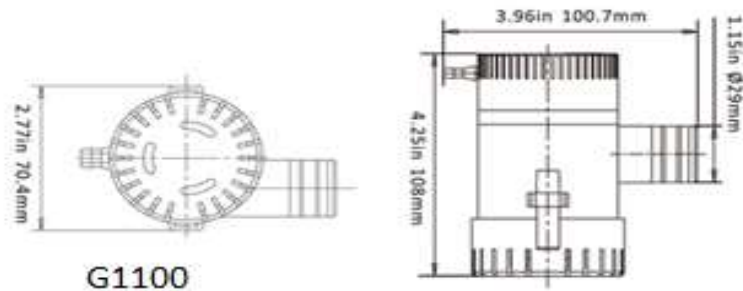


| Model         | Flow Rate | Voltage | Head | Outlet Dia  | List Price |
|---------------|-----------|---------|------|-------------|------------|
| SFBP1-G500-01 | 30.3 LPM  | 12 V    | 3 m  | 3/4" (19mm) | \$29.64    |
| SFBP1-G750-01 | 45.4 LPM  | 12 V    | 3 m  | 3/4" (19mm) | \$37.66    |

## G1100 Sump Pump

SEAFLO non-automatic 1100GPH bilge pumps offer water evacuation activated by a panel or float switch. Include Anti-Airlock protection and exclusive moisture tight seals, marine grade blocked wiring. Our larger impeller design and more robust motor allow us to outperform our competitors. Our removable strainer base fits industry standard mounting conventions though, so you'll have no problem changing to us from them.

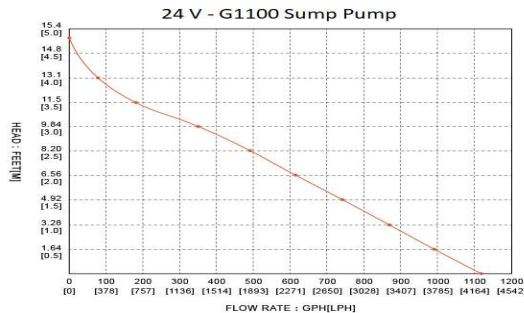
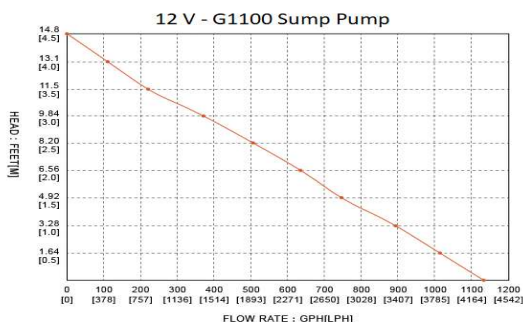
Available for DC 12 Voltage & 24 Voltage.



### Features & Benefits

- Entirely submersible
- Snap-off strainer base
- Stainless steel shaft
- Anti-Airlock protection
- Exclusive moisture tight seals
- Marine grade blocked wiring
- Quiet operation

| 12 V - G1100 Sump Pump |      |         | 24 V - G1100 Sump Pump |      |         |
|------------------------|------|---------|------------------------|------|---------|
| Current(A)             | Flow | Head(M) | Current(A)             | Flow | Head(M) |
|                        | LPH  |         |                        | LPH  |         |
| 3.8                    | 4276 | 0       | 1.3                    | 4238 | 0       |
| 4.04                   | 3875 | 0.5     | 1.64                   | 3765 | 0.5     |
| 4.22                   | 3394 | 1       | 1.98                   | 3304 | 1       |
| 4.48                   | 2846 | 1.5     | 2.15                   | 2819 | 1.5     |
| 4.79                   | 2403 | 2       | 2.48                   | 2350 | 2       |
| 5.06                   | 1900 | 2.5     | 2.62                   | 1850 | 2.5     |
| 5.26                   | 1427 | 3       | 2.98                   | 1328 | 3       |
| 5.53                   | 814  | 3.5     | 3.15                   | 704  | 3.5     |
| 5.72                   | 401  | 4       | 3.48                   | 322  | 4       |
| 6                      | 0    | 4.5     | 4                      | 0    | 4.8     |



| Model          | Flow Rate | Voltage | Head | Outlet Dia    | List Price |
|----------------|-----------|---------|------|---------------|------------|
| SFBP1-G1100-01 | 66.5 LPM  | 12 V    | 3 m  | 1 1/8" (29mm) | \$48.47    |
| SFBP2-G1100-01 | 66.5 LPM  | 24 V    | 4 m  | 1 1/8" (29mm) | \$48.47    |

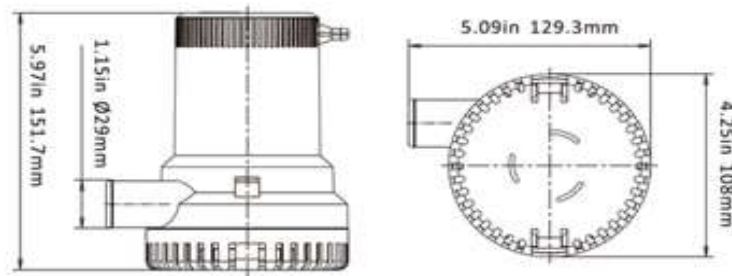
## G1500 Sump Pump

SEAFLO non-automatic 1500GPH bilge pumps offer standard action activated by a panel or float switch. Small size, high efficiency, low current (low cost switching power supply supporting). Removable strainer for easy replacement or in the event that the pump becomes clogged with debris. Available for DC 12 Voltage & 24 Voltage.



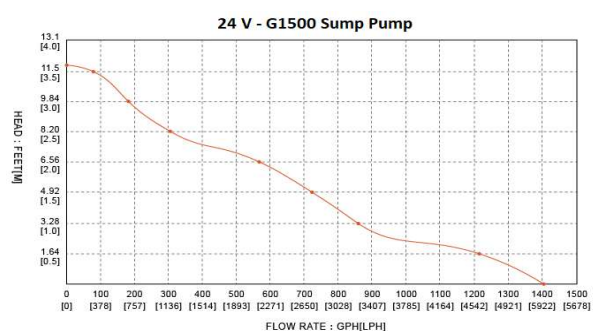
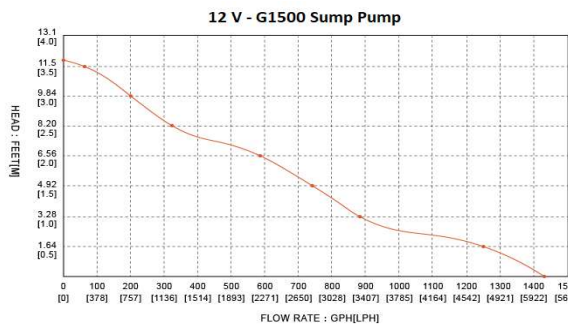
### Features & Benefits

- Entirely submersible
- Snap-off strainer base
- Stainless steel shaft
- Anti-Airlock protection
- Exclusive moisture tight seals
- Marine grade blocked wiring
- Quiet operation



**G1500**

| 12 V - G1500 Sump Pump |      |         | 24 V - G1500 Sump Pump |      |         |
|------------------------|------|---------|------------------------|------|---------|
| Current(A)             | Flow | Head(M) | Current(A)             | Flow | Head(M) |
|                        | LPH  |         |                        | LPH  |         |
| 5.8                    | 5396 | 0       | 3.13                   | 5324 | 0       |
| 6.33                   | 4749 | 0.5     | 3.45                   | 4583 | 0.5     |
| 6.95                   | 3360 | 1       | 4.15                   | 3273 | 1       |
| 7.25                   | 2819 | 1.5     | 4.77                   | 2740 | 1.5     |
| 8.05                   | 2229 | 2       | 5.03                   | 2184 | 2       |
| 9.85                   | 1215 | 2.5     | 5.58                   | 1154 | 2.5     |
| 10.42                  | 761  | 3       | 6.15                   | 711  | 3       |
| 11.62                  | 288  | 3.5     | 6.74                   | 318  | 3.5     |
| 12                     | 0    | 3.6     | 6.9                    | 0    | 3.6     |



| Model          | Flow Rate | Voltage | Head | Outlet Dia    | List Price |
|----------------|-----------|---------|------|---------------|------------|
| SFBP1-G1500-01 | 90.8 LPM  | 12 V    | 5 m  | 1 1/8" (29mm) | \$115.03   |
| SFBP2-G1500-01 | 90.8 LPM  | 24 V    | 5 m  | 1 1/8" (29mm) | \$115.03   |



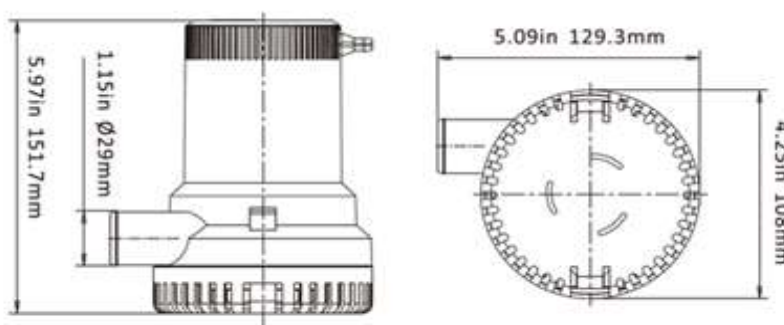
## G2000 Sump Pump

SEAFLO non-automatic 1500GPH bilge pumps offer standard action activated by a panel or float switch. Small size, high efficiency, low current (low cost switching power supply supporting). Removable strainer for easy replacement or in the event that the pump becomes clogged with debris. Available for DC 12 Voltage & 24 Voltage.



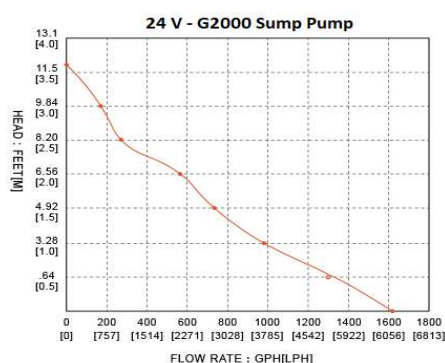
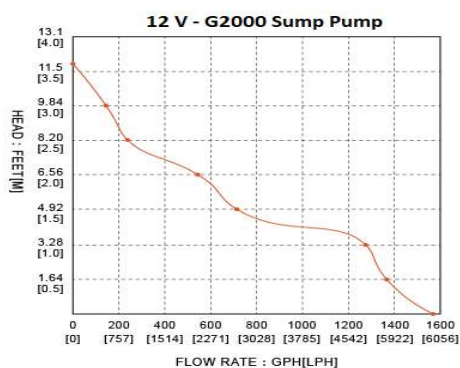
### Features & Benefits

- Entirely submersible
- Snap-off strainer base
- Stainless steel shaft
- Anti-Airlock protection
- Exclusive moisture tight seals
- Marine grade blocked wiring
- Quiet operation



**G2000**

| 12 V - G1500 Sump Pump |      |         | 24 V - G1500 Sump Pump |      |         |
|------------------------|------|---------|------------------------|------|---------|
| Current(A)             | Flow | Head(M) | Current(A)             | Flow | Head(M) |
|                        | LPH  |         |                        | LPH  |         |
| 6.9                    | 5964 | 0       | 3.68                   | 6153 | 0       |
| 7.49                   | 4874 | 0.5     | 4.29                   | 4938 | 0.5     |
| 8.83                   | 3576 | 1       | 5.06                   | 3739 | 1       |
| 10.25                  | 2691 | 1.5     | 5.74                   | 2808 | 1.5     |
| 11.3                   | 2036 | 2       | 6.26                   | 2153 | 2       |
| 12.18                  | 901  | 2.5     | 6.83                   | 999  | 2.5     |
| 12.94                  | 587  | 3       | 7                      | 711  | 3       |
| 14                     | 0    | 3.6     | 8.1                    | 0    | 3.6     |



| Model          | Flow Rate | Voltage | Head | Outlet Dia    | List Price |
|----------------|-----------|---------|------|---------------|------------|
| SFBP1-G2000-01 | 121 LPM   | 12 V    | 5 m  | 1 1/8" (29mm) | \$126.42   |
| SFBP2-G2000-01 | 121 LPM   | 24 V    | 5 m  | 1 1/8" (29mm) | \$126.42   |

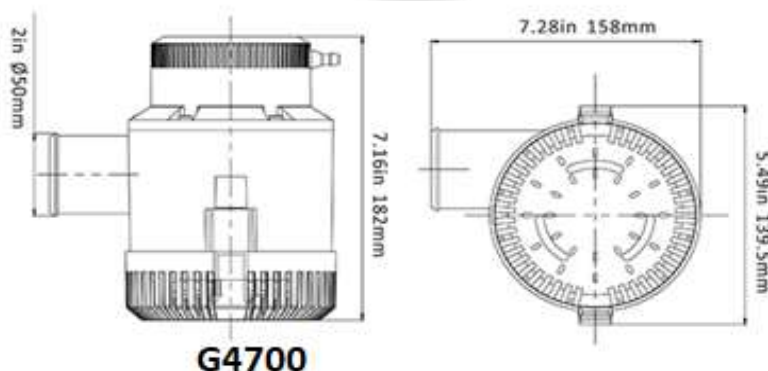
## G4700 Sump Pump

SEAFLO non-automatic 4700GPH bilge pumps with high efficiency, heavy duty motors, offer high capacity output. Very powerful pump. Works great and drains pretty fast. Quick release strainer for easy maintenance. Apply for water sampling, high-volume liquid transfer, low-noise continuous workplace; Large aquarium, small swimming pool, water reservoirs, fountains and many other occasions. 12v Boat Marine Plumbing Electric Bilge Pumps



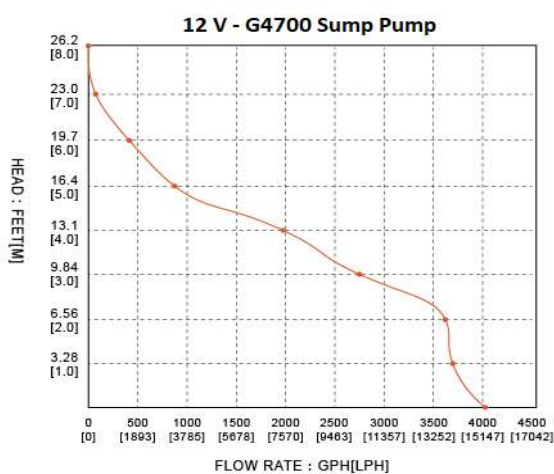
### Features & Benefits

- Entirely submersible
- Snap-off strainer base
- Stainless steel shaft
- Anti-Airlock protection
- Exclusive moisture tight seals
- Marine grade blocked wiring
- Quiet operation



**G4700**

| 12 V - G4700 Sump Pump |       |         |
|------------------------|-------|---------|
| Current(A)             | Flow  | Head(M) |
|                        | LPH   |         |
| 14.6                   | 16844 | 0       |
| 16.2                   | 15179 | 1       |
| 18.5                   | 13839 | 2       |
| 20.1                   | 10373 | 3       |
| 22.6                   | 7440  | 4       |
| 25.2                   | 3145  | 5       |
| 27.4                   | 1533  | 6       |
| 30.9                   | 515   | 7       |
| 32.1                   | 0     | 8       |



| Model          | Flow Rate | Voltage | Head | Outlet Dia | List Price |
|----------------|-----------|---------|------|------------|------------|
| SFBP1-G4700-01 | 296.5 LPM | 12 V    | 8 m  | 2" (50mm)  | \$369.15   |

## Portable Washdown Kit

The portable washdown system is designed for most of the wash down outdoor application. The high performance and easy installation makes it easier to use, even by a child. The design makes it unnecessary to carry a tank when you use it.



### Benefits and Features

6m x 12mm UV-protected Coiled Hose

2.4m Wiring Harness with Cigarette Lighter Plug

Adjustable sprayer

Smooth flowing

EPDM - Valve

Case size - 428 x 374 x 126 mm

Total weight - 5 kg

2m Inlet hose

Seaflo Series 41 Diaphragm Pump

Easy to use, store, and carry on

Built-in by pass valve

Quiet Operation

Santoprene - Diaphragm

Tool case, easy to use, store and carry on.

2.4m wiring harness for car cigarette charger.



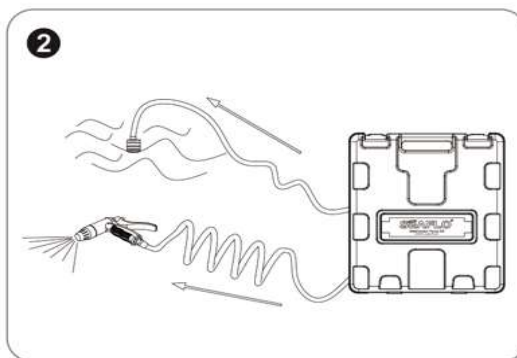
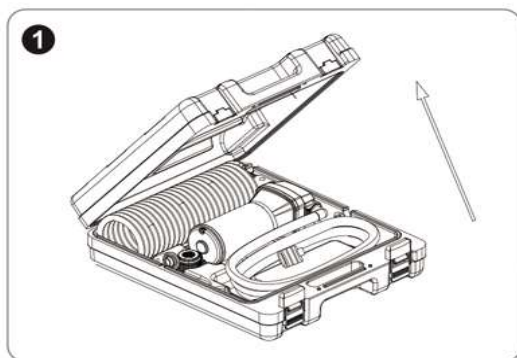
6m UV-protected coiled hose coil.

Adjustable pressure switch from 17~70 psi for OEM when needed. By-pass reduces noise, strain on the pipes, and wear on the pressure switch.

Quick attach connections with 360° multiple fittings allow ease connection to any outlet.

2m inlet hose.

Adjustable spray gun, idea for cleaning leisure boats, fish boxes, anchor chains and dinghies.



| Model            | Voltage | Flow Rate | Shut Off Pressure<br>PSI/Bar | List Price |
|------------------|---------|-----------|------------------------------|------------|
| SFWP1-045-070-41 | 12 V    | 17 L/M    | 70 / 4.8                     | \$369.85   |

## Washdown Pump Kit

Our heavy-duty washdown kit. The best choice for cleaning pool, wall, window, machines and other similar applications. This pump boasts a huge 5 GPM capacity. This pump has an on-demand switch, so the pump automatically turns on when you squeeze the spray gun handle. With 70 PSI cutoff, this has the pressure to get rid of stubborn debris. Suitable for fresh and saltwater applications.



### Benefits and Features

6m x 12mm UV-protected Coiled Hose

Adjustable sprayer

Seaflo Series 51 Diaphragm Pump

Quiet

Inlet Strainer

Smooth

Multi-step corrosion protection and seamless motor body for enhanced protection in any wet environment

Threaded connections with multiple fittings allow connection to any outlet

Supplied complete with hose, trigger nozzle, fittings and strainer

Self-priming with adjustable pressure switch from 17-70 psi for OEM when needed

Idea for cleaning leisure boats, fish boxes, anchor chains and dinghies



| Model             | Voltage | Flow Rate LPM | Shut Off Pressure PSI/Bar | List Price |
|-------------------|---------|---------------|---------------------------|------------|
| SFWP1-050-070-51X | 12 V    | 18.9          | 70 / 4.8                  | \$361.34   |
| SFWP2-050-070-51X | 24 V    | 18.9          | 70 / 4.8                  | \$361.34   |

## Hosecoil Washdown System



### Includes

6m x 1/2" UV-Protected coiled hose

Trigger spray nozzle w/ Quick Connect fittings

| Model                 | SFHW2-060-01                                   |  |                    |             |
|-----------------------|--|--|--------------------|-------------|
| <b>Spray Gun</b>      | Connector : 5/8" QA                            |  | Pressure : 0-8 Bar |             |
| <b>Contoured Grip</b> | Connector : 5/8" QA x 5/8" QA                  |  | Diameter : ID 1/3" | Length : 6m |
| <b>Adaptor</b>        | Connector : 3/4"FNPT / 1/2"FNPT / 1" * 5/8" QA |  |                    |             |
| <b>List Price</b>     | \$67.30  |  |                    |             |



## 24V Submersible Solar Deep Well Pump

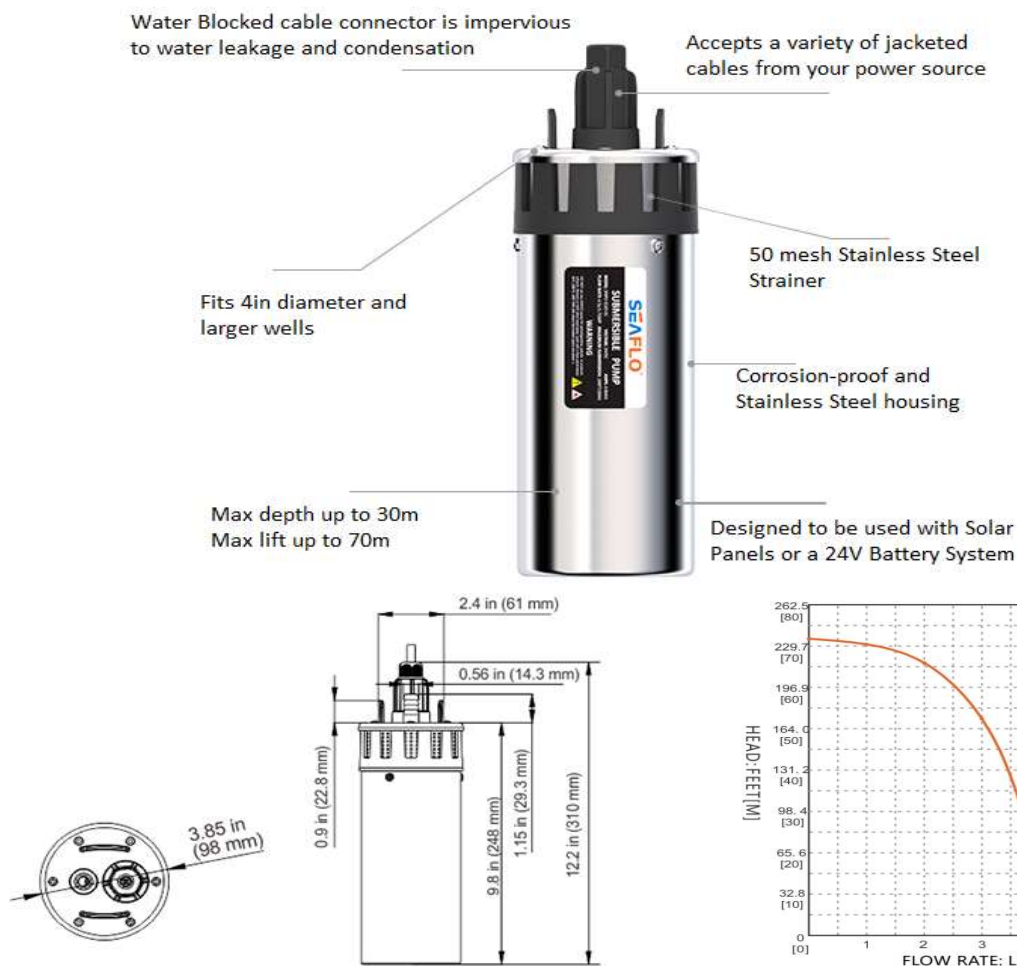
The SEAFLO submersible solar deep well pump is a positive displacement diaphragm type 24VDC pump of high efficiency. The pump offers a solution to your remote water pumping needs. It's rugged, durable and built to last. This pump delivers approximately 3.8 LPM at 70.1 meter total lift. It incorporates a unique, water-blocked cable connector that is impervious to water leakage and condensation problems preventing water wicking. Typical applications are in livestock watering, irrigation, ponds, islands, remote homes and cabins.



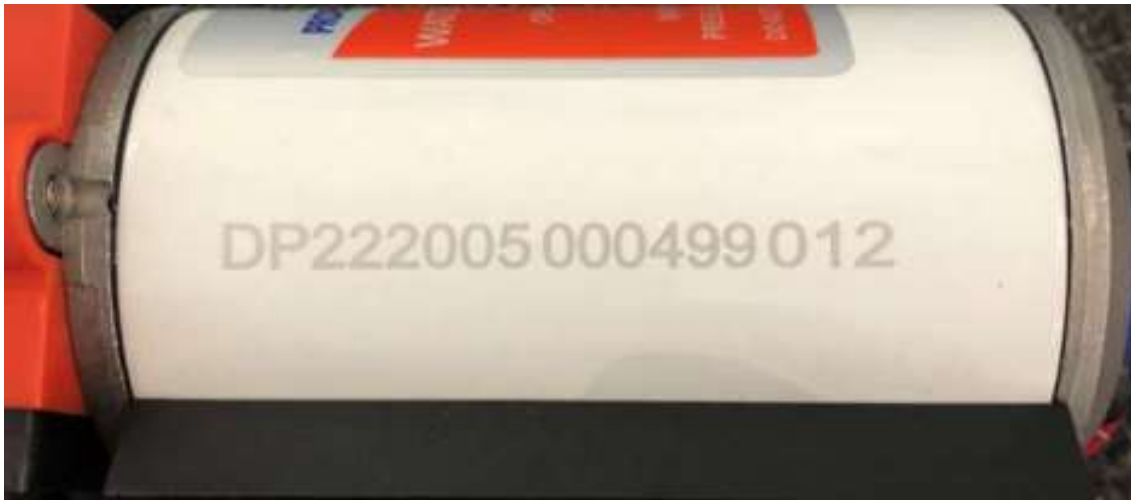
### Features and Benefits

Corrosion Proof and Stainless Steel housing  
Low maintenance design/field Repairable  
Santoprene diaphragm for reliability, longer life and better priming

Runs dry without damage  
Internal bypass for pump protection  
Thermal overload start on 115°C, automatic restart



| Model          | Voltage | Max Depth | Max Lift | Inlet / Outlet    | List Price |
|----------------|---------|-----------|----------|-------------------|------------|
| SFABP2-G103-01 | 24 V    | 30 m      | 70 m     | 1/2" (12.7mm)Barb | \$616.33   |



|                      |           |          |           |
|----------------------|-----------|----------|-----------|
| DP22 2005 000499 012 |           |          |           |
| Section 1            | Section 2 | Section3 | Section 4 |

**Section 1.**

Type of pump and Model. (Diaphragm Pump Model-22 series)

**Section 2.**

Year and month of manufacture (2005 = 2020/05 May)

**Section 3.**

Number in production Batch (No. 000499)

**Section 4.**

Voltage (12Volt 012)

### 1. Pump will not start or blows the circuit

- \*The first thing would be to look at the electrical circuit. This includes checking the fuse, switch, circuit breaker, and the earth. If you are running off batteries, make sure you are obtaining correct voltage.
- \*Check to see if the pump is hot. It could simply have stopped due to the thermal breaker being triggered. Wait until it cools down.
- \*If your pump has spent the night in below freezing conditions such as those experienced in some parts of alpine Australia, it could be that the water against the pump diaphragm has frozen causing it to seize. Wait for it to thaw.
- \*If you have voltage present at the switch, try bypassing the pressure switch. Does the pump operate?
- \*Check your pump is getting correct voltage.

### 2. Pump runs but will not prime and splutters

- \*Check the water level of your tank. It is not as silly as it sounds.
- \*It is common that the strainer or inline filter has become clogged with foreign debris. If this happens it will stop the follow of water to the pump. Simply clean or replace the filter
- If you are using a hot water system, air could have built up within your hot water tank producing an air lock. Release the pressure from your tank, refer to your HWS owner's manual.
- \*Check your plumbing connections. If they have become loose, they could very well be causing a vacuum leak.
- \*Check your hose to make sure no kinks have appeared, and that all your valves are functioning correctly.

### 3. Pump rapid cycles

- \*The major cause of rapid cycling is restrictive plumbing. This can be restrictive taps and shower heads or kinked hoses.
- \*If you are running a water filter or purifier then this should be installed on a separate line feed. Do not purify all your water.

### 4. My pump will not shut off or runs when taps are closed

- \*Check your plumbing's pressured side for leaks, dripping taps, or if you have a plumbed
- \*Check your pump is receiving the correct voltage.
- \*Check the pump head screws have not worked loose.
- \*Possible debris is causing valves to stay open.

### 5. Pump is noisy or running rough

- \*Check plumbing has not worked loose or become kinked
- \*Clean out your strainer from any foreign debris.
- \*Is your pump plumbed using flexible hose and mounted correctly?
- \*Bleed your plumbing system of any air.

| SYMPTOM:                                 | Noise | Pump Cycles On-Off-On | Pump Won't Start | Pump Won't Shut Off | Tank Fills on City Water | Pump Starts with Fixtures Closed | Pump Loses Prime | Pump Will Not Prime | Low Flow | Leaks |
|--|-------|-----------------------|------------------|---------------------|--------------------------|----------------------------------|------------------|---------------------|----------|-------|
| POSSIBLE CAUSE:                          |       |                       |                  |                     |                          |                                  |                  |                     |          |       |
| Kinked Inlet Hose                        | •     |                       |                  |                     |                          |                                  |                  | •                   | •        |       |
| Hard Plumbed Pump                        | •     |                       |                  |                     |                          |                                  |                  |                     |          |       |
| Elbows at Pump                           | •     | •                     |                  |                     |                          |                                  |                  |                     | •        |       |
| Pipes Hitting                            | •     |                       |                  |                     |                          |                                  |                  | •                   |          |       |
| Clogged Tank Outlet                      | •     |                       |                  |                     |                          |                                  |                  | •                   | •        |       |
| Clogged Tank Strainer                    | •     |                       |                  |                     |                          |                                  |                  | •                   | •        |       |
| Clogged/Small I.D. Winterizing Valve     | •     |                       |                  |                     |                          |                                  |                  | •                   | •        |       |
| Clogged/Small I.D. Shut-Off Valve        | •     |                       |                  |                     |                          |                                  |                  | •                   | •        |       |
| Small I.D. Hose at Pump Inlet            | •     |                       |                  |                     |                          |                                  |                  | •                   | •        |       |
| Pump Too Far From Tank                   |       |                       |                  |                     |                          |                                  |                  | •                   | •        |       |
| Collapsing/Non-Vacuum-Rated Hose         | •     |                       |                  |                     |                          |                                  |                  | •                   | •        |       |
| Small I.D. Hose at Pump Outlet           |       | •                     |                  |                     |                          |                                  |                  |                     | •        |       |
| Inlet Air Leak                           | •     |                       |                  | •                   | •                        | •                                |                  | •                   |          |       |
| Air In System                            | •     |                       |                  | •                   |                          | •                                |                  |                     |          |       |
| Cracked Strainer                         |       |                       |                  | •                   |                          | •                                |                  |                     |          | •     |
| Loose Pump Fittings                      |       |                       |                  | •                   |                          |                                  |                  |                     |          | •     |
| Pipes Banging in System                  | •     |                       |                  |                     |                          |                                  |                  |                     |          |       |
| Kinked Outlet Hose                       | •     | •                     |                  |                     |                          |                                  |                  |                     | •        |       |
| Small I.D. Hose at Heater/Toilet         | •     | •                     |                  |                     |                          |                                  |                  |                     | •        |       |
| Contaminated Water/Tank Fill 3-way Valve | •     | •                     |                  | •                   | •                        |                                  | •                | •                   | •        |       |
| Clogged Faucet Aerators                  | •     | •                     |                  |                     |                          |                                  |                  |                     | •        |       |
| Flow Restrictors                         | •     | •                     |                  |                     |                          |                                  |                  |                     | •        |       |
| Dirty/Worn Pump Valves                   |       |                       |                  | •                   | •                        | •                                | •                | •                   | •        |       |
| Dirt/Worn Check Valve                    |       |                       | •                |                     | •                        | •                                | •                |                     |          |       |
| Bad Drive Assembly                       | •     |                       |                  | •                   |                          |                                  |                  | •                   | •        | •     |
| Pinched Main Diaphragm                   |       |                       |                  |                     |                          |                                  |                  |                     |          | •     |
| Ruptured Main Diaphragm                  |       |                       |                  |                     |                          |                                  |                  |                     | •        | •     |
| Ruptured Switch Diaphragm                |       |                       | •                |                     |                          |                                  |                  |                     |          | •     |
| Bad Microswitch                          | •     | •                     | •                | •                   |                          |                                  |                  |                     |          |       |
| Loose Wire at Switch                     |       |                       | •                |                     |                          |                                  |                  |                     |          |       |
| Loose Pump Screws                        | •     |                       |                  |                     |                          |                                  | •                |                     |          | •     |
| Leaking Fixtures/Fittings                |       |                       |                  |                     |                          | •                                | •                |                     |          |       |
| Frozen Pump                              |       |                       | •                |                     |                          |                                  |                  |                     |          | •     |
| Motor Thermal Overload (Hot Motor)       |       |                       | •                |                     |                          |                                  |                  |                     |          |       |
| Low Voltage                              |       |                       |                  | •                   |                          |                                  |                  | •                   | •        |       |
| Bad Motor                                | •     |                       | •                |                     |                          |                                  |                  | •                   | •        |       |
| Bad Pump Mount (thin, loose, etc.)       | •     |                       |                  |                     |                          |                                  |                  |                     |          |       |