

05 Water Pressure Systems

INTRODUCTION

JABSCO

Pressure Controlled Diaphragm Pumps



Pressure controlled diaphragm pumps provide boat owners with a fresh water system that is as easy to use as their domestic water supply - with the versatility to offer full flow or a trickle. The pump is controlled by a switch which senses the pressure drop when a faucet is opened and activates the pump; it turns off when the system pressure builds to a pre-set limit as the faucet is closed. This system allows any type of faucet or shower valve to be fitted, from $\frac{3}{8}$ " (10mm) bore for minimum water use to $\frac{1}{2}$ " (13mm) bore for maximum flow. Choosing the pump for your needs is simple - just check your system size and the number of outlets you need to operate simultaneously and select the appropriate pump. Diaphragm pumps are self-priming, quiet in operation and can run dry for extended periods.

It is always best to turn the pump off and then open a tap to de-pressurize the system when you are not using the boat as this will prolong pump life.

Accumulator Tanks



Accumulator tanks hold a reservoir of air and water down stream from the pump. The air acts as a cushion, absorbing pump and pressure fluctuations, smoothing the flow and making the system quieter. Accumulators allow the pump to reach shut-off pressure more smoothly which reduces the on/off cycle which gives better control of hot water delivery.

Our accumulator tanks all have a bladder that separates water from air. The bladder is prepressurised but may need fine tuning when installed to give the most efficient performance. One of the advantages of an accumulator tank is that they can dispense up to half of their capacity of water even when the pump is switched off. So the bigger the reservoir, the more water you have available without having to switch the pump on helping you wash your hands or clean your teeth without noise.

Water Pressure Regulators



Inlet water regulators are designed to protect your boat water system plumbing and fixtures from the possible high pressure of municipal water systems. Regulation is controlled at all flow rates by a pre-set spring and removable strainer traps debris. Both inline portable and permanent flush mount models are available in our new line of diaphragm sealed regulators.

It probably goes without saying that many Jabsco pumps have more than one possible application. Sometimes it is a simple matter of installing the standard product in the different application. Sometimes Jabsco needs to develop the standard product to meet the particular needs of the different application.

Washdown Pumps

Washdown pumps are a development of our Water Pressure System pumps. Higher shut-off pressure switches prevent on/off cycling while salt water compatible trigger nozzles let you blast off mud and dirt, and then rinse down.

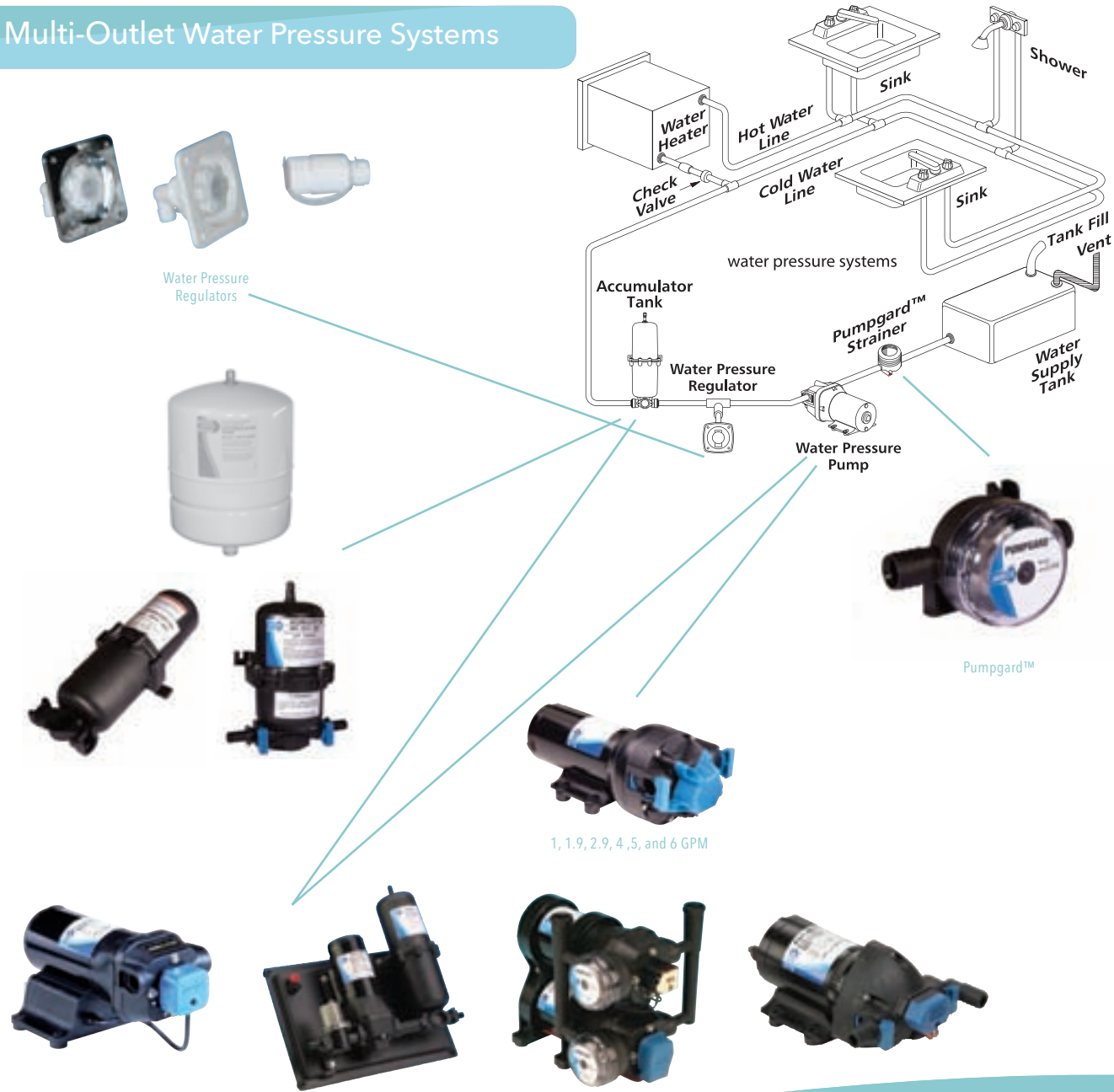


Pumpgard™ Strainers

Inlet Strainers are an essential part of any fresh water system using a diaphragm pump - protecting the valves from small particles in the water. Our Pumpgards™ have been designed for easy installation and rapid filter screen cleaning having a transparent bowl that screws off to allow simple, regular inspection.



Multi-Outlet Water Pressure Systems



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AUTOMATIC PRESSURE CONTROLLED PUMPS

PAR-Max 1

3 YEARS WARRANTY

Miniature multi outlet water pressure pump serves 1 or 2 3/8" (10mm) outlets at any one time. Models include both automatic and manual pumps.

- Self-priming up to 4ft (1.2m).
- Dual diaphragm operation.
- Thermal overload protection automatically stops motor should it overheat due to overload, with auto re-start feature.
- Diaphragm design allows dry running.
- Pressure switch cut-in 22 psi (1.5 bar), cut-out 35 psi (2.4 bar).
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).

FLOW	1.1 gpm (4.3 lpm) open flow
SHUT-OFF PRESSURE	22 psi (1.5 bar), cut-out 35 psi (2.4 bar)
FITTING	Connections for 3/8" (10mm) ID hose and slip-on 1/2" (13mm) bushings
SIZE	6.4" long x 3.5" wide x 2.3" high (16cm x 9cm x 6cm)
WEIGHT	1.3 lb (0.6 kg).



42630-2900
12 volt DC model, fuse 4 amp, automatic.
42631-2900
12 volt DC model, fuse 4 amp, manual.

42632-0000
Pump Head Repair Kit.
42634-0000
Pressure Switch Kit.

PAR-Max 1.9

3 YEARS WARRANTY

The PAR-Max 1.9 Water System Pump is designed for vessels requiring a smooth low flow, 12 or 24 volt DC pump at an attractive low price. This new pump is internally grounded, three chamber diaphragm on-demand pump with the performance characteristics to match the needs of a typical vessel with a shower, water heater and up to three faucets.

Offers a smooth flow of up to 1.9 gpm (7.2 lpm) and is fitted with a built-in pulsation dampening by-pass to control unwanted cycling and noise. We include quick-connect fittings for ease of pump installation.

- Self priming up to 6-10ft (2-3m).
- Dry running.
- Soft rubber mounts.
- Corrosion resistant.
- Complies with ISO 8846 MARINE (Ignition Protection).
- Low noise.
- Less pulsation in the flow.
- Screw-less diaphragm design eliminates possible leak paths.
- Distinctive style.
- Can eliminate the requirement for an accumulator tank.



31295-0092
25 psi (1.7 bar), 12 volt DC model, fuse 10 amp.
31295-0094
25 psi (1.7 bar), 24 volt DC model, fuse 6 amp.

For service and spare parts listing see page 218.

FLOW	0-1.9 gpm (0-7.2 lpm).
SHUT-OFF PRESSURE	25 psi (1.7 bar)
FITTING	13mm ID hose, 1/2 inch BSP (both supplied)
SIZE	9" long x 4.5" wide x 4.5" high (23cm x 11cm x 11cm)
WEIGHT	3lb (1.4kg).

PAR-Max 2.9

3 YEARS WARRANTY

The PAR-Max 2.9 Water System offers a smooth flow of up to 2.9 gpm (10.9 lpm) and is fitted with a built in pulsation dampening by-pass to control unwanted cycling and noise. We include quick-connect fittings for ease of pump installation.

- Self priming up to 6-10ft (2-3m).
- Dry running.
- Soft rubber mounts.
- Corrosion resistant.
- Complies with ISO 8846 MARINE (Ignition Protection).
- Low noise.
- Less pulsation in the flow.
- Screw-less diaphragm design eliminates possible leak paths.
- Distinctive style.
- Can eliminate the requirement for an accumulator tank.



31395-0092*
50 psi (3.5 bar), 12 volt DC model, fuse 10 amp.
31395-0094*
50 psi (3.5 bar), 24 volt DC model, fuse 6 amp.
31395-0292
25 psi (1.7 bar), 12 volt DC model, fuse 10 amp.
31395-0294
25 psi (1.7 bar), 24 volt DC model, fuse 6 amp.
31395-0392
40 psi (2.8 bar), 12 volt DC model, fuse 10 amp.
31395-0394
40 psi (2.8 bar), 24 volt DC model, fuse 6 amp

*Not available in Europe. For service and spare parts listing see page 218.

FLOW	0-2.9 gpm (0-10.9 lpm).
SHUT-OFF PRESSURE	25 psi (1.7bar) - 50 psi (3.5bar)
FITTING	13mm ID hose, 1/2 inch BSP (both supplied)
SIZE	9" long x 4.5" wide x 4.5" high (23cm x 11cm x 11cm)
WEIGHT	4lb (1.8kg).

PAR-Max 3.5 Water System Pump

3 YEARS WARRANTY

- Self priming up to 3m (10ft).

This conventional pressure switch controlled pump enjoys the same pulsation free 3 chamber diaphragm design as our PAR-Max 2.9 & 1.9 but incorporates a heavy duty motor, giving higher flows and long life for such a small footprint.

Like all Jabsco water pressure system pumps it is inherently quiet, self-priming and can run dry without damage. Quick connect fittings are included.



FLOW	3.5 gpm (13.2 lpm)
SHUT-OFF PRESSURE	25 psi (1.7 bar) to 40 psi (2.8 bar)
FITTING	2 x ½" Male
SIZE	4.7" x 9" x 4.1" (12.1cm x 22.9cm x 10.5cm)
WEIGHT	5.0lb (2.1kg).

32600-0092

12 volt DC model, fuse 15 amp, pressure switch setting 40 psi (2.8 bar).

32600-0094

24 volt DC model, fuse 10 amp, pressure switch setting 40 psi (2.8 bar).

32600-0292

12 volt DC model, fuse 15 amp, pressure switch setting 25 psi (1.7 bar).

32600-0294

24 volt DC model, fuse 10 amp, pressure switch setting 25 psi (1.7 bar).

Suitable for Worldwide.

PAR Max Plus series



The high pressure capability of the new Jabsco Par-Max Plus Series water pressure pumps available in 4.0,

5.0, and 6.0 GPM models provide

exceptional flow and consistent water pressure to easily handle the demand of multiple outlets at one time.

All Par-Max Plus models include soft rubber mounts and quick connect fittings for ease of installation.

- Sealed switch and co-moulded diaphragm, eliminates leak paths, extending the life of the pumps by up to 50%.
- Automatic pressure switch, tested over 4 million cycles without failure.
- Quick Disconnect Ports allow for adjustable and ease of installation.
- Improved Noise Dampening Rubber Feet, significantly minimizes vibration when mounted against hard surface.
- Available in 12 or 24 VDC.
- Certified to EN ISO 8846 Marine (Ignition Protection).

FITTING	½" (13mm) Hose Barb on 4 and 5.0 gpm. ¾" (19mm) 6.0 gpm.
SIZE	4.0gpm: 9.91" long x 5.09" wide x 4.72" high (25cm x 13cm x 12cm). 5.0 and 6.0gpm: 10.60" long x 5.09" wide x 4.72" high (27cm x 13cm x 12cm).
WEIGHT	7.6lb (3.5kg) 5.0 and 6.0gpm models.

82400-0092

60 psi (4.1 bar), 4 gpm (15.1 lpm), 12 volt DC model.

82400-0094

60 psi (4.1 bar), 4 gpm (15.1 lpm), 24 volt DC model.

82500-0092

60 psi (4.1 bar), 5 gpm (18.9 lpm), 12 volt DC model.

82500-0094

60 psi (4.1 bar), 5 gpm (18.9 lpm), 24 volt DC model.

82600-0092

60 psi (4.1 bar), 6 gpm (22.7 lpm), 12 volt DC model.

82600-0094

60 psi (4.1 bar), 6 gpm (22.7 lpm), 24 volt DC model.

82600-0292

40 psi (2.8 bar), 6 gpm (22.7 lpm), 12 volt DC model.

82600-0294

40 psi (2.8 bar), 6 gpm (22.7 lpm), 24 volt DC model.

82500-0292

40 psi (2.8 bar), 5 gpm (18.9 lpm), 12 volt DC model.

82500-0294

40 psi (2.8 bar), 5 gpm (18.9 lpm), 24 volt DC model.

82400-0292

40 psi (2.8 bar), 4 gpm (15.1 lpm), 12 volt DC model.

82400-0294

40 psi (2.8 bar), 4 gpm (15.1 lpm), 24 volt DC model.

82600-0392

25psi (1.7 bar), 6 gpm (22.7 lpm), 12 volt DC model.

82600-0394

25psi (1.7 bar), 6 gpm (22.7 lpm), 24 volt DC model.

82500-0392

25psi (1.7 bar), 5 gpm (18.9 lpm), 12 volt DC model.

82500-0394

25psi (1.7 bar), 5 gpm (18.9 lpm), 24 volt DC model.

82400-0392

25psi (1.7 bar), 4 gpm (15.1 lpm), 12 volt DC model.

82400-0394

25psi (1.7 bar), 4 gpm (15.1 lpm), 24 volt DC model.

For service and spare parts listing see page 217.

05 Water Pressure Systems

AUTOMATIC PRESSURE CONTROLLED PUMPS

Sensor Max™ VSD Constant Pressure Water System Pumps

Pressure sensor controlled, multi-outlet water pressure pumps, with variable speed drive, serving 1-5 outlets. Motor speed is electronically controlled to maintain steady flow and constant pressure. Sensor Max™ VSD accepts from 10 to 29 volt DC for use with 12 or 24 volt DC power. Amp draw reduces as flow reduces to conserve energy, ranging from less than 1 amp to a maximum of 15 amps.

- Unique constant water pressure - NO pressure switch.
- Electronically controlled variable flow.
- Up to 4.5 gpm (17 lpm) output.
- Self-priming up to 10ft (3m).
- Gives constant flow and hot water mix.
- Eliminates accumulator tank.
- Runs silently under normal use.
- Automatically adjusts to 12 Volt dc or 24 Volt dc power input.
- Conserves battery power - uses lower amps at lower flow.
- True sensor regulated water pressure.
- Thermal overload protection automatically stops motor should it overheat due to overload, with auto re-start feature.
- Diaphragm design allows extended dry running.
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).
- Pumpgard™ Strainer included.

Sensor Max™ 14 VSD Constant Pressure Water System Pump

3 YEARS WARRANTY



FLOW	0-3.7 gpm (0-14 lpm).
SHUT-OFF PRESSURE	35 psi (2.4 bar) - 25 psi (1.7 bar).
FITTING	Connections for ½" (13mm) ID hose or ½" Qest threads.
SIZE	9.0" long x 6.3" wide x 3.75" high (22cm x 16cm x 9.5cm).
WEIGHT	4.3lb (2.0kg).

Note:
! Use only low shut-off pressure models with all copper water heating tanks.
! Sensor Max™ VSD pumps must have a battery installed.

31750-0000
Sensor Max™ 14, 12-24 volt DC model, fuse 15 amp, high pressure.

31750-0200
Sensor Max™ 14, 12-24 volt DC model, fuse 15 amp, low pressure.

18920-9043
Service Kit, all models.

For service and spare parts listing see page 222.

Sensor Max™ 17 VSD Constant Pressure Water System Pump

3 YEARS WARRANTY



FLOW	0-3.7 gpm (0-14 lpm).
SHUT-OFF PRESSURE	30 psi (2.1 bar) - 40 psi (2.8 bar)
FITTING	Connections for ½" (13mm) ID hose or ½" Qest threads.
SIZE	9.0" long x 6.3" wide x 3.75" high (22cm x 16cm x 9.5cm)
WEIGHT	6.3lb (3.0kg).

Note:
! Use only low shut-off pressure models with all copper water heating tanks. ! Sensor Max™ VSD pumps must have a battery installed.

31755-0000
Sensor Max™ 17, 12-24 volt DC model, fuse 15 amp, high pressure.

31755-0200
Sensor Max™ 17, 12-24 volt DC model, fuse 15 amp, low pressure.

32755-0000
Sensor Max™ 19, 12-24 volt DC model, fuse 15 amp, high pressure.

32755-0200
Sensor Max™ 1700000, 12- 24 volt DC model, fuse 15 amp, low pressure.

18920-9043
Service Kit, all models.

For service and spare parts listing see page 222

V-FLO 5.0 Water Pressure Pump

The new variable flow, constant water pressure pump now featuring the revolutionary new DiMOND technology, designed to automatically diagnose and monitor all aspects of your pump's and water pressure system performance to prevent system failure. V-Flo is powered by a new variable speed drive that delivers the exact amount of water flow needed to perform the variety of on-board delivery tasks.

- Constant water pressure.
- Up to 50% less power consumption.
- Learns the boat's water pressure system to improve pump performance.



FLOW	5.0 gpm (19 lpm) flow rate.
SHUT-OFF PRESSURE	25 psi (1.72 bar) - 40 psi (2.75 bar)
FITTING	½" (13mm) Hose Barb
SIZE	6.12 inches wide x 4.75 inches high x 9.88 inches long. (15.6cm x 12cm x 25.1cm).
WEIGHT	8.2lb (3.2kg).

42755-0092 40 psi (2.75 bar), 12 volt DC, fuse 15 amp.	42755-0392 25 psi (1.72 bar), 12 volt DC, fuse 15 amp.
42755-0094 40 psi (2.75 bar), 24 volt DC, fuse 10 amp.	42755-0394 25 psi (1.72 bar), 24 volt DC, fuse 10 amp.
For service and spare parts listing see page 216.	

Single Stack Water System

- 3 YEARS WARRANTY**
- Self priming 10ft (3m).
 - Run dry ability.
 - Smooth even flow.
 - Thermal overload protection.
 - Complies with ISO 8846 MARINE (Ignition Protection).

The Single Stack is a fully assembled water pressure set which makes installation of water pressure systems simple. The system consists of a Par Max 4 pump, strainer and pre-pressurised accumulator tank. Serves 4 or more outlets.



FLOW	4.8 gpm (18 lpm).
SHUT-OFF PRESSURE	40 psi (2.8 bar)
FITTING	Connections for 19mm (¾") hose tail
SIZE	12.2" long x 9.4" wide x 9.8" high (24cm x 31cm x 25cm).
WEIGHT	12 lb (5.4kg).

42630-52520-1000
12 Volt DC Model.

Double Stack Water System

- 3 YEARS WARRANTY**
- Self Priming 10ft (3m).
 - Run Dry Ability.
 - Smooth Even Flow.
 - Two stage operation.
 - Internal bladder accumulator tank.
 - Thermal overload protection
 - Complies with ISO 8846 MARINE (Ignition Protection).

The double stack water system combines two Par Max 4 water system pumps that provide over 9 gallons per minute. The pre-pressurised accumulator tank smoothes the flow and prevents the pumps from cycling. Serves as many as 7 outlets.



FLOW	9 gpm (34 lpm).
SHUT-OFF PRESSURE	40 psi (2.8 bar)
FITTING	Connections for 19mm (¾") hose tail
SIZE	12.2" long x 9.4" wide x 12.2" high (24cm x 31cm x 34.5cm).
WEIGHT	21 lb (9.5kg).

52530-1000 12 volt DC Model.	52530-1100 24 volt DC Model.
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05 Water Pressure Systems

AUTOMATIC PRESSURE CONTROLLED PUMPS

Dual Max VSD Water System

3 YEARS WARRANTY

The Dual Max VSD combines a smooth flowing VSD Water System Pump with a PAR-Max 4 to provide up to 8 gallons per minute when demand increases. The VSD Pump with its variable speed motor provides smooth even flow as needed for several outlets. If demand exceeds the VSD's normal operating range the PAR-Max 4 kicks in to add enough additional flow to accommodate as many as 7 outlets.

- Unique constant water pressure.
- VSD Pump is electronically controlled for variable flow.
- Self-priming up to 10 feet.
- Constant flow for even hot water mix.
- No need for an accumulator tank.
- Thermal overload protection automatically stops motors if they overheat due to overload, with auto re-start feature.
- Diaphragm design allows extended dry running.
- Complies with USCG 183.410 and ISO 8846 for ignition protection.



31765-0092
12 volt DC model.
31765-0094
24 volt DC model.

For service and spare parts listing see page 222.

FLOW	9 gpm (34 lpm)
SHUT-OFF PRESSURE	40psi (2.8 bar)
FITTING	Connections ½" NPT
SIZE	12½" long x 8½" wide x 8⅞" high (32cm x 22cm x 22cm).
WEIGHT	13½ lb (6kg).

Ultra Max Water Pressure Set

3 YEARS WARRANTY

A fully assembled pressure set that simplifies the installation of water pressure systems for both the professional and amateur installer. The set consists of a PAR-Max 3 pump, strainer and pre-pressurized accumulator tank with quick connect electrical connections on a rubber mounted board. Serves 3 or more ½" (13mm) outlets.



quiet

- Self-priming up to 10ft (3m).
- Can be installed vertically or horizontally.
- Quadruple diaphragms for smooth and operation.
- Thermal overload protection automatically stops motor should it overheat due to overload, with auto re-start feature.
- Diaphragm design allows extended dry running.
- Low pressure switch cut-in 10 psi (0.7bar), cut-out 20 psi (1.4 bar).
- High pressure switch cut-in 20 psi (1.4 bar), cutout 40 psi (2.8 bar).
- Maintenance free potable water quality accumulator tank.
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).

FLOW	3.5gpm (13.2 lpm)
SHUT-OFF PRESSURE	Connections for ½" (13mm) ID hose or ½" (15mm) Qest fittings.
FITTING	15½" long x 15¾" wide x 5½" high (39cm x 40cm x 14cm).
SIZE	6.6lb (3kg).
WEIGHT	25psi (1.7 bar) - 40psi (2.8 bar)

Aqua Filta™

Aqua Filta adsorbs dissolved impurities fresh-ening and cleansing water to make it natural tasting, sweet smelling and crystal clear.



- Screw-on cartridge is replaced annually or sooner if necessary, at half the cost of replacement filters.
- Over 200g of silver impregnated activated carbon.
- Beneficial mineral salts are retained.
- Ports accept fitment to either 13mm (½") ID hose or ½" screw-in fittings for polybutylene or copper plumbing.
- Initial flow capacity up to 14 lpm (3.7 gpm).
- Tough moulded components give ample pressure capability, up to 4.2 bar (60 psi).

FITTING	Connections for 13mm (½") ID hose, 15mm Hep20 and Acorn fittings, 15mm John Guest speedfit and Whale system 15 fittings and ½" BSP female threaded fittings.
SIZE	23cm high x 14cm deep x 10cm wide (9" x 5½" x 4").
WEIGHT	500g (1.1lb).

59000-1000
Aqua Filta.

59100-0000
Replacement Filter Cartridge.

*Not available in USA.

59451-0012

25psi (1.7 bar) , 12 volt DC model, fuse 10 amp, low pressure version.

59451-0024

25psi (1.7 bar) , 24 volt DC model, fuse 6 amp, low pressure version.

59451-1012

40psi (2.8 bar) , 12 volt DC model, fuse 10 amp, high pressure version.

59451-1024

40psi (2.8 bar) , 24 volt DC model, fuse 6 amp, high pressure version.

PAR 36800 Water Pressure Pump

This well established and service proven pump will serve up to 4 outlets simultaneously and generously.

- 3.3 gpm (12.5 lpm) open flow output.
- Self-priming and all other benefits as PAR 36900 above.
- Low pressure switch cut-in 10 psi (0.7 bar), cut-out 20 psi (1.4 bar).
- High pressure switch cut-in 20 psi (1.4 bar), cutout 40 psi (2.8 bar).
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).



FLOW	3.3 gpm (12.5 lpm)
FITTING	Connections for ½"-5/8" (13-16mm) ID hose.
SIZE	9 7/8" long x 6 1/2" wide x 8 3/8" high (25.1cm x 16.5cm x 21.3cm).
WEIGHT	11lb (5kg).

- 36800-0200
12 volt DC model, fuse 8 amp, low pressure version.
- 36800-0210
24 volt DC model, fuse 4 amp, low pressure version.
- 36800-1000
12 volt DC model, fuse 8 amp, high pressure version.
- 36800-1010
24 volt DC model, fuse 4 amp, high pressure version.
- 30122-0000
Service Kit.

For service and spare parts listing see page 212-215

Low pressure version not available in the USA.

PAR 36900 Water Pressure Pump

This well established and service proven pump will serve up to 5 outlets simultaneously and generously.

- 4.2 gpm (16 lpm) open flow output.
- Self-priming up to 5ft (1.5m) vertical lift.
- Belt driven for quieter running and longer life.
- Diaphragm design allows extended dry running.
- Low pressure switch cut-in 10 psi (0.7bar), cut-out 20 psi (0.7 bar).
- High pressure switch cut-in 20 psi (1.4 bar), cutout 40 psi (2.8 bar).
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).



FLOW	4.2 gpm (1.6 lpm)
FITTING	Connections for ½"-5/8" (13-16mm) ID hose.
SIZE	9 7/8" long x 6 1/2" wide x 10" high (25.1cm x 16.5cm x 25.8cm).
WEIGHT	12lb (5.4kg).

- 36900-0200
12 volt DC model, fuse 15 amp, low pressure version.
- 36900-0210
24 volt DC model, fuse 5 amp, low pressure version.
- 36900-1000
12 volt DC model, fuse 15 amp, high pressure version.
- 36900-1010
24 volt DC model, fuse 5 amp, high pressure version.
- 30121-0000
Service Kit.

For service and spare parts listing see page 212-215

Low pressure version not available in the USA.

High pressure version not available in Europe

PAR 36950 Water Pressure Pump

This very popular service proven pump serves up to 4 outlets simultaneously and generously.

- 3 gpm (11.4 lpm) open flow output.
- Self-priming and all other benefits as PAR 36900 above.
- Low pressure switch cut-in 10 psi (0.7 bar), cut-out 20 psi (1.4 bar).
- High pressure switch cut-in 20 psi (1.4 bar), cutout 40 psi (2.8 bar).
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).



FLOW	3 gpm (11.4 lpm)
FITTING	Connections for ½"-5/8" (13-16mm) ID hose.
SIZE	7 1/2" long x 6 1/2" wide x 8 1/2" high (19.1cm x 22cm x 21.6cm).
WEIGHT	11lb (5kg).

- 36950-2000
12 volt DC model, fuse 8 amp, high pressure version.
- 36950-2010
24 volt DC model, fuse 4 amp, high pressure version.
- 36950-2200
12 volt DC model, fuse 8 amp, low pressure version.
- 36950-2210
24 volt DC model, fuse 4 amp, low pressure version.
- 43990-0061
Service Kit.

For service and spare parts listing see page 212-215

Low pressure version not available in the USA.

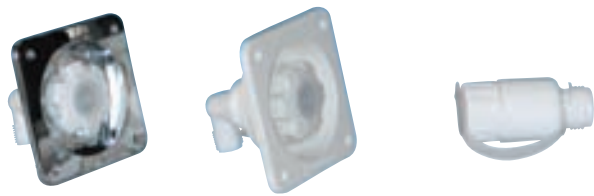
05 Water Pressure Systems

PUMPS & ACCESSORIES

Water Pressure Regulators

Water Pressure Regulators protect your boat's water system from damaging pressures of unregulated city water hook-ups. Available in two models - permanently installed flush mount or in-line. Both feature brass GHT fittings for potable garden hose connection.

- Limits inlet water pressure to 45 psi (3.1 bar).
- Maintains regulated pressure at various flow rates.
- Compact in-line model only 3" (77mm) long.
- Flush model has unique swivel elbow output.
- Manufactured of food-grade materials.
- Meets all applicable codes and approvals.
- Removable strainer protects plumbing.



FITTING	Flush connections for 3/4" GHT (f) inlet and 1/2"-14 pipe outlet. In-line connections 3/4" GHT (f) inlet and 3/4" GHT (m) outlet
FLUSH SIZE	3 1/2" deep x 4 3/8" high x 4 3/8" wide (88mm x 13mm x 13mm).
IN-LINE SIZE	3" long x 1 1/2" diameter (7.7cm x 3.9cm).
WEIGHT	Flush 0.41lb (0.2 kg). In-line 0.2lb (0.1kg).

- 44411-0045
In-line, White 45 psi (3.1 bar).
- 44411-1045
Flush, White 45 psi (3.1 bar) - 90 degree threaded outlet.
- 44411-2045
Flush, Chrome 45 psi (3.1 bar) - 90 degree threaded outlet.
- 44412-1045
Flush, White 45 psi (3.1 bar) - regulator outlet accepts snap-fit port fittings.
- 44412-2045
Flush, Chrome 45 psi (3.1 bar) - regulator outlet accepts snap-fit port fittings.

Water System Pumpgard™ Strainer

Inlet strainer protects all electric diaphragm pumps.

- Prevents unnecessary pump breakdowns caused by particles in the water.
- Transparent housing allows instant inspection.
- Quick, in-place, cleaning of the 40 mesh stainless steel screen.



FITTING	Choose connections for 3/8", 1/2", 3/4" (13mm) ID hose, or 1/2"-14 pipe.
SIZE	4 3/4" long x 2 3/4" wide x 2 1/2" high (12cm x 7cm x 6cm).

- 46400-0000
3/4" (19mm) ID hose x 3/4" (19mm) ID hose.
- 6400-0002
Model for 1/2" (13mm) ID hose.
- 46400-0003
3/8" (10mm) ID hose x 3/8" (10mm) ID hose.
- 46400-0004
Model for 1/2"-14 pipe threads.
- 46400-0010
3/4" (19mm) ID hose x plug-in 90 degree.
- 46400-0012
Model for 1/2" (13mm) hose inlet 90 degree and direct plug into PAR-Max inlet port.
- 46400-0014
Model for 1/2"-14 pipe inlet 90° and direct plug into PARMax inlet port.
- 46400-0375
3/8" NPT (F) x 3/8" NPT (F).
- 46400-9500
Model for snap in 90° out fitting (quad+quad).
- 18753-0040
Replacement 40# Mesh Filter.

Electric Galley Pump and Faucet

The economical answer to running water at the push of a button.

- 1 gpm (4 lpm).
- Available with or without faucet with stainless steel swing spout.
- Pump must be installed in flooded suction position.
- On/off switch is built into the faucet base.



FITTING	Connections for 3/8" (10mm) ID hose.
SIZE	4 1/2" long x 2 1/2" wide x 1 3/4" high (11.4cm x 6.4cm x 4.5cm).
WEIGHT	1lb (0.5kg).

- 42510-0000
Pump only, 12 volt DC, fuse 3 amp.
- 42520-0000
Faucet only.
- 42530-0000
Pump & Faucet, 12 volt DC, fuse 3 amp.

Pressurized Accumulator Tanks

Improves all pressure controlled water systems. Our new compact 21 oz (0.6 Liter) accumulator tank fits into those tight areas, and performs all of the same functions as our 1 Quart model (1 Liter), but in a smaller package.

- Smoother flow, quieter water systems.
- Internal rubber membrane eliminates maintenance and allows universal mounting.
- Better control of hot water temperatures.
- Simply fitted to new or existing systems.
- Longer pump life, lower battery drain.
- Snap-in port fittings.



21 oz (0.6 Litre)
Tank (above)



1 Quart (1 Litre)
Tank (right)

FITTING	Connections for 1/2" (13mm) ID hose, optional ports available, see below.
SIZE	21oz (0.6 liter) - 4 3/8" deep x 4 3/4" wide x 7" high (11cm x 12cm x 18cm). 1 Quart (1 liter) - 4 3/8" deep x 4 3/4" wide x 13 1/4" high (11cm x 12cm x 34cm).
WEIGHT	21oz (0.6 liter) - 1lb (0.45kg). 1 Quart (1 liter) - 1.6lb (0.7kg).

30573-0003
3NEW! Pressurized 21oz (0.6 Liter) Accumulator Tank.
30573-0000
Pressurized 1 Quart (1 Liter) Accumulator Tank
30653-0000
Snap-in port fittings for 1/2" (12.5 mm) ID hose.
30649-0000
Snap-in port fittings for 1/2"-14 pipe.
30649-1000
Snap-in port fittings for 1/2" female threads.

Larger Pressurized Accumulator Tanks

Smooth flow from faucets and showers, reduce pump cycling, eliminate pulsations and water hammer.

- Can be mounted vertically or horizontally.
- Water is totally separated from air chamber by a rubber bladder.
- All models include mounting brackets 18810-0000 (US supply)
- 2 gallon tank NSF-61 listed.



18810-0000
(US supply)



18810-0000 (US supply)

SHUT-OFF PRESSURE	100 psi (6.9 bar) Max. working pressure, pre-pressurized to 20 psi (1.4 bar).
FITTING	Connection for 3/4" NPT male thread.
SIZE	8" dia. x 125/8" high (20cm x 32cm).
WEIGHT	2 gallon tank NSF-61 listed.

High Pressure Check Valve

When located at the pump outlet, this high pressure check valve protects your pump from the damaging high pressure of unregulated city water connection. Also may be used at the water heater inlet to prevent back-flow of hot water into the cold water system and pump.

- Protects your pump from high city water pressure.
- Stops hot water migration from water heater inlet.



FITTING	Connections for 1/2" (13mm) ID hose
SIZE	1 1/2" (4cm) x 4" (10cm)
WEIGHT	1/4lb (0.1kg)

34344-0000
High Pressure Check Valve

Not available in Europe