

All the convenience of your 'at home' water supply



Photo: Fairline Boats plc

Sensor-Max VSD Water Pressure Pumps

These award winning pumps offer all the benefits of Variable Speed Drive technology - they are exceptionally quiet running at typical outputs, as they automatically adjust their output to match demand. An accumulator tank is totally unnecessary. We include a Pumpgard™ pre-filter and a selection of quick-connect fittings for ease of installation.

1. Sensor-Max VSD 17

Constant pressure flow rates up to 17 lpm (4.5 US gpm). Serves 4 or more outlets.

- ▼ 31755-0200 12/24 Volt dc, 30psi shut-off.
- ▼ 31755-0000 12/24 Volt dc, 40psi shut-off.

2. Sensor-Max VSD 14

Constant pressure flow rates up to 14 lpm (3.5 US gpm). Serves 3 or more outlets.

- ▼ 31750-0200 12/24 Volt dc, 25psi shut-off.
- ▼ 31750-0000 12/24 Volt dc, 35psi shut-off.

PAR-Max 4 & 3 Water Pressure Pumps

These two conventionally pressure switch controlled pumps enjoy the same pulsation free four chamber diaphragm design and long life motors as our Sensor-Max VSD models. Like all Jabsco water pressure pumps they are inherently quiet, self-priming and can run dry without damage. Quick-connect fittings are included.

3. PAR-Max 4 Water Pressure Pump

Flow rates up to 17 lpm (4.5 US gpm). Serves 4 or more outlets.

- ▼ 31620-0292 12 Volt dc, 25psi shut-off.
- ▼ 31620-0294 24 Volt dc, 25psi shut-off.
- ▼ 31620-0092 12 Volt dc, 40psi shut-off.
- ▼ 31620-0094 24 Volt dc, 40psi shut-off.

4. PAR-Max 3 Water Pressure Pump

Flow rates up to 14 lpm (3.5 US gpm). Serves 3 or more outlets.

- ▼ 31600-0292 12 Volt dc, 25psi shut-off.
- ▼ 31600-0294 24 Volt dc, 25psi shut-off.
- ▼ 31600-0092 12 Volt dc, 40psi shut-off.
- ▼ 31600-0094 24 Volt dc, 40psi shut-off.

PAR-Max 2.9 & 1.9 Water Pressure Pumps

The new 2.9 & 1.9 models offer attractively priced solutions for craft with up to 3 hot and cold outlets, such as galley sink, hand basin and shower. The self-priming, dry running, three chamber diaphragm design has a built-in bypass that gives smooth pulsation free flow, even at lower outputs, making an accumulator tank inessential. The quiet running motor is protected by a thermal overload cut-out, just like our more expensive models, and, of course, quick-connect fittings are included.

5. PAR-Max 2.9 Water Pressure Pump

Flow rates up to 11 lpm (2.9 US gpm). Serves up to 3 outlets.

- ▼ 31395-0292 12 Volt dc, 25psi shut-off.
- ▼ 31395-0294 24 Volt dc, 25psi shut-off.
- ▼ 31395-0392 12 Volt dc, 40psi shut-off.
- ▼ 31395-0394 24 Volt dc, 40psi shut-off.

6. PAR-Max 1.9 Water Pressure Pump

Flow rates up to 7 lpm (1.9 US gpm). Serves up to 2 outlets.

- ▼ 31295-0092 12 Volt dc, 25psi shut-off.
- ▼ 31295-0094 24 Volt dc, 25psi shut-off.

7. PAR-Max 1 Water Pressure Pump

Even our miniature model is a quiet, self-priming, dry running, dual chamber diaphragm pump, with thermal overload protection. Designed for use with 10mm (3/8") id hose and faucets, it serves up to 2 outlets, or 1 outlet if adapted to 13mm (1/2") id hose.

- ▼ 42630-2900 12 Volt dc, 35psi shut-off.
- ▼ 42631-2900 12 Volt dc, manual on/off.

36900, 36800, 36950 Water Pressure Pumps

The original PAR diaphragm water pressure pumps. Highly reliable, belt driven pumps with built-in pulsation dampeners and flexible mounts for noise and vibration reduction. All three models can run dry.

8. 36900 Water Pressure Pump

Flow rates up to 16 lpm (4.2 US gpm).

- ▼ 36900-0200 12 Volt dc, 20psi shut-off.
- ▼ 36900-0210 24 Volt dc, 20psi shut-off.

9. 36800 Water Pressure Pump

Flow rates up to 12.5 lpm (3.3 US gpm).

- ▼ 36800-0200 12 Volt dc, 20psi shut-off.
- ▼ 36800-0210 24 Volt dc, 20psi shut-off.

10. 36950 Water Pressure Pump

Flow rates up to 11.4 lpm (3.0 US gpm).

- ▼ 36950-2200 12 Volt dc, 20psi shut-off.
- ▼ 36950-2210 24 Volt dc, 20psi shut-off.

Pre-pressurised Accumulator Tanks

Unless you have a Variable Speed Drive pump an accumulator tank will improve any pressure switch controlled water system by smoothing water flow and reducing on/off cycling of the pump. Jabsco accumulator tanks are maintenance free and can be mounted at any angle, thanks to their internal membrane.

11. Pre-pressurised 0.6 Litre Accumulator Tank

Our new mini accumulator tank fits into those tight spaces!

- ▼ 30573-0003 0.6 litre (21 fl.oz).

12. Pre-pressurised 1 Litre Accumulator Tank

Just the right size for use with PAR-Max 4 & 3 pressure pumps.

- ▼ 30573-0000 1 litre (1 US quart).

13-19. Pumpgards™

These compact pre-filters prevent particles jamming valves and causing pump breakdowns. We've given them a screw off, transparent housing for easy inspection and quick, in place cleaning.

- ▼ 46400-0014 90° model for 13mm (1/2") female threads inlet, direct plug into Jabsco WPS inlet port.
- ▼ 46400-0010 90° model for 19mm (3/4") hose inlet, direct plug into Jabsco WPS inlet port.
- ▼ 46400-0012 90° model for 13mm (1/2") hose inlet, direct plug into Jabsco WPS inlet port
- ▼ 46400-0004 Inline model for 13mm (1/2") female threads.
- ▼ 46400-0000 Inline model for 19mm (3/4") id hose.
- ▼ 46400-0002 Inline model for 13mm (1/2") id hose.
- ▼ 46400-9500 90° model for snap-in port and direct plug into Jabsco WPS inlet port.

20-21. Aqua Filta™

Safe drinking water is not necessarily pleasant to drink. An activated carbon water filter lets you enjoy your drinks without the need to carry bottled water. Aqua Filta's 180° rotating ports allow for more versatile installation, but most importantly we've made the annual replacement cheaper, easier and neater. Replacement is a simple job of changing a cartridge, which is half the cost of a new unit! Internal valving means you don't need to drain the system down for replacement either!

- ▼ 59000-1000 Aqua Filta.
- ▼ 59100-0000 Replacement Cartridge.

info

A modern marine pressurised water system is simple, quiet, easy to maintain and provides hot or cold water at the turn of a tap. It's also versatile enough to provide full flow or a trickle according to need.

Diaphragm pumps provide a quiet smooth flow of water with good pressure and are suitable for boats up to 20m (65ft) - simply choose a model suitable for the number of outlets on your boat.

Most systems benefit from an accumulator tank to absorb pressure fluctuations and vibrations (which shorten pump life) and also to give better control of hot water systems.

A new alternative to regular water pressure systems is to fit a sensor controlled pump where motor speed is electronically regulated to maintain steady flow and constant pressure eliminating the need for standard pressure switch control or accumulator tank.

WARNING

DO NOT use any Jabsco pump for petrol, petroleum products or any products with a flash point below 37°C (98°F).



rule Bilge Pumping Systems

Doesn't your boat deserve proper protection?

Non-Automatic Bilge Pumps

Traditional non-automatic bilge pumps are operated by the use of a control switch to sense water and activate the pump. A selection of control and panel switches available can be found on the [Bilge Switches and Controls](#) page.

1. Rule 360

The Rule 360 provides outstanding quality and value. It is economically priced and designed for small boats. 19mm (3/4") discharge outlet. 1400 lph (360 US gph) capacity at zero discharge head.

▼ 24 12 Volt dc.

2. Rule 500

The Rule 500 offers many design features while keeping size and cost to a minimum. Especially popular on smaller craft, Rule 500 pumps are unmatched in pumping power and longevity. 19mm (3/4") discharge outlet. 1925 lph (500 US gph) capacity at zero discharge head.

▼ 25D 12 Volt dc.
▼ 26D 24 Volt dc.

3. Rule 800

Rule offers two 800 styles - square and round versions. The square model (20F) offers 36 mounting variations as well as a gas resistant strainer base. 19mm (3/4") discharge outlet. 3100 lph (800 US gph) capacity at zero discharge head.

▼ 20F Square 12 Volt dc.
▼ 20R Round 12 Volt dc.
▼ 21R Round 24 Volt dc.

4. Rule 1100

The Rule 1100 offers impressive pumping power for its size and cost. Competitive models in this pumping range are much larger and far more expensive. 28mm (1 1/8") discharge outlet. 4250 lph (1100 US gph) capacity at zero discharge head.

▼ 27D 12 Volt dc.
▼ 28D 24 Volt dc.

5. Rule 1500

High pumping capacity and reliability at a lower cost. The Rule 1500 offers more pumping capacity and more exclusive design features than any comparable competitive pump. 28mm (1 1/8") discharge outlet. 5800 lph (1500 US gph) capacity at zero discharge head.

▼ 02 12 Volt dc.
▼ 02-6 With 1.8m (6) wire leads, 12 Volt dc.
▼ 03 24 Volt dc.

6. Rule 2000

Engineered to commercial standards. The Rule 2000 is the best selling high capacity submersible bilge pump in the world. 28.6mm (1 1/8") discharge outlet. 7750 lph (2000 US gph) capacity at zero discharge head.

▼ 10 12 Volt dc.
▼ 10-6UL UL listed with 1.8m (6) wire leads. 12 Volt dc.
▼ 12 24 Volt dc.

7. Rule 3700

Heavy duty construction for both commercial and pleasure boat use; known for trouble free operation and reliability. 38mm (1 1/2") discharge outlet. 14350 lph (3700 US gph) capacity at zero discharge head.

▼ 14A 12 Volt dc.
▼ 16A 24 Volt dc.

8. Rule 4000

Designed for the toughest applications, the 4000 pump optimises Rule's exclusive design features to produce the highest capacity available for a pump its size. 50mm (2") discharge outlet. 15500 lph (4000 US gph) capacity at zero discharge head.

▼ 56D 12 Volt dc.
▼ 56D-24 24 Volt dc.

Non-Automatic Gold Series Bilge Pumps

Rule's Gold Series Bilge Pumps are supported with an exclusive 5 year warranty. The pumps feature a Rule manufactured double insulated long stack motor for superior quality and performance.

9. Rule Gold Series Pumps

1500, 2000 and 3700 Models available with exclusive Rule moisture tight seals and silent, vibration-less operation. Complete with anti-airlock protection and easy clean snap lock strainers.

▼ 04 12 Volt dc, Gold Series 5800 lph (1500 US gph).
▼ 09 12 Volt dc, Gold Series 7750 lph (2000 US gph).
▼ 13A 12 Volt dc, Gold Series 14350 lph (3700 US gph).

Non-Automatic Cartridge Bilge Pumps

Rule's Cartridge Series Bilge Pumps have the added feature of replacement motors. This allows you to carry a spare motor, providing an extra level of security and protection. Maintenance is also made simple by quick and easy access to the impeller if blockages occur. Replacement motors are sold separately.

10. Rule Cartridge Pumps

Available in 3 model variants, the Cartridge Series Pumps offers a simple maintenance and replacement option for bilge pumping.

▼ 25DC 12 Volt dc, Cartridge Pump 1925 lph (500 US gph).
▼ 20RC 12 Volt dc, Cartridge Pump 2650 lph (700 US gph).
▼ 27DC 12 Volt dc, Cartridge Pump 4250 lph (1100 US gph).

11. Replacement Motor Cartridges

Replacement motor cartridges for Rule cartridge bilge pumps and Pro-series Livewell / Aerator pumps.

▼ 25DR 12 Volt dc, Motor Cartridge 1925 lph (500 US gph).
▼ 20RR 12 Volt dc, Motor Cartridge 2650 lph (700 US gph).
▼ 27DR 12 Volt dc, Motor Cartridge 4250 lph (1100 US gph).



Photo: Fairline Boats plc

Rule-Mate® Automated Bilge Pumps

The Rule-Mate® series of automated bilge pumps feature a pump and a non-mercury float switch in a single, compact housing. When the float rises, the pump turns on. There is no on/off cycling and no power use until the pump comes on. The pump remains on until it senses no load against the impeller. Thoughtfully designed, Rule-Mate® pumps can be used in practically all bilge pumping applications.

1. Rule-Mate® 500

The smallest of the family offering 1925 lph (500 US gph) capacity at zero discharge head. The compact size makes Rule-Mate® easy to fit - even in the smallest of bilge compartments. 19mm (3/4") discharge outlet.

▼ RM500 12 Volt dc.
▼ RM500-24 24 Volt dc.

2. Rule-Mate® 750

Ideal for small cruisers, Rule-Mate® 750 offers an impressive 2900 lph (750 US gph) capacity at zero discharge head with 19mm (3/4") discharge outlet.

▼ RM750 12 Volt dc.
▼ RM750-24 24 Volt dc.

3. Rule-Mate® 1100

This mid-size model of Rule-Mate® offers an amazing 4250 lph (1100 US gph) capacity at zero discharge head yet impressively keeps the same compact size and footprint of the smaller models! 29mm (1 1/8") discharge outlet.

▼ RM1100 12 Volt dc.
▼ RM1100-24 24 Volt dc.

4. Rule-Mate® 1500

New high output model to the family offering a remarkable 5800 lph (1500 US gph) capacity at zero discharge head. 29mm (1 1/8") discharge outlet.

▼ RM1500 12 Volt dc.

5. Rule-Mate® 2000

New high capacity model complete with all the benefits of Rule pumping technology. Offers an astounding 7750 lph (2000 US gph) capacity at zero discharge head. 29mm (1 1/8") discharge outlet.

▼ RM2000 12 Volt dc.
▼ RM2000-24 24 Volt dc.

Rule Automatic Bilge Pumps

Float switches are not required for these fully automatic pumps. Controlled by computerised operation, the pump will turn on every 2.5 minutes for about 1 second to sense for water. If water is present, the pump will sense resistance and continue to run until all water is removed. Power use in the checking mode is minimal for the peace of mind that this range of pumps offer.

6. Rule Automatic 500

Compact, efficient and offers 1925 lph (500 US gph) capacity at zero discharge head. 19mm (3/4") discharge outlet.

▼ 25S 12 Volt dc.
▼ 25S-24 24 Volt dc.

7. Rule Automatic 800

Expanding on Rule's computerised pump technology, Rule introduces the 3100 lph (800 US gph) fully automatic bilge pump. The 800 series offers increased capacity over our 500 Series while maintaining the 19mm (3/4") discharge.

▼ 20RS 12 Volt dc.

8. Rule Automatic 1100

Impressive pumping power for its size and cost, offering up to 4250 lph (1100 US gph) capacity at zero discharge head. 29mm (1 1/8") discharge outlet.

▼ 27S 12 Volt dc.

9. Rule Automatic 1500

Reliable, efficient and offers 5800 lph (1500 US gph) capacity at zero discharge head. 29mm (1 1/8") discharge outlet.

▼ 51S 12 Volt dc.

10. Rule Automatic 2000

Very popular mid range submersible pump offering 7750 lph (2000 US gph) capacity at zero discharge head. 29mm (1 1/8") discharge outlet

▼ 53S 12 Volt dc.

11. Rule Automatic 3700

Heavy duty construction for both commercial and pleasure boat use offering 14350 lph (3700 US gph) capacity at zero discharge head. 38mm (1 1/2") discharge outlet.

▼ 55S 12 Volt dc.

12. Rule Automatic 4000

Highest capacity available for a pump of its size, offering an astounding 15500 lph (4000 US gph) capacity at zero discharge head. 38mm (1 1/2") discharge outlet.

▼ 56S 12 Volt dc.

WARNING

DO NOT use any Jabsco or Rule pump for petrol, petroleum products or any products with a flash point below 37°C (98°F).

Self Priming Bilge Pumps



1. 50880 Bilge Pump

Introducing our new generation single diaphragm pump, ideal for use in emptying the shallowest of bilges. The filter-less design makes maintenance easy and is virtually unblockable! The pump has a compact design with multi positionable ports, which makes installation simple. 960 lph (254 US gph) output, self priming to 3m (10ft) and capable of extensive dry running, offering an inexpensive, reliable solution for bilge pumping.

- ▼ 50880-1000 12 Volt dc.
- ▼ 50880-1100 24 Volt dc.

2. PAR-Max 4

Continuous rated bilge pump with waterproof coating for harsh environments. 978 lph (258 US gph) open flow output. Diaphragm design allows extended dry running. Build-in thermal overload protection. Complete with Pumpgard™ strainer.

- ▼ 31705-0092 12 Volt dc.
- ▼ 31705-0094 24 Volt dc.

3. Shower Drain/Bilge Pump

One of the best selling small bilge and shower sump pumps in the world. Fully corrosion resistant and quiet running. 780 lph (200 US gph) output and self priming to 2m (6ft). Supplied with Pumpgard™ strainer.

- ▼ 37202-2012 12 Volt dc.
- ▼ 37202-2024 24 Volt dc.

4-6. PAR Diaphragm Bilge Pumps

The original belt driven diaphragm pumps, self priming and dry running. Belt drives, rubber mounting and internal pulsation dampeners reduce noise and vibration. The 34600 gives 2450 lph (645 US gph), the 36600 1800 lph (475 US gph) and the 36680 1250 lph (330 US gph). All complete with Pumpgard™ strainer

- ▼ 34600-0000 12 Volt dc.
- ▼ 34600-0010 24 Volt dc.
- ▼ 36600-0000 12 Volt dc.
- ▼ 36600-0010 24 Volt dc.
- ▼ 36680-2000 12 Volt dc.
- ▼ 36680-2010 24 Volt dc.

7. Water Puppy

The workhorse of our range! Designed for bilge pumping, or general transfer duty. Self priming up to 1.2m (4ft), with an output of 1920 lph (500 US gph).

- ▼ 23680-4003 12 Volt dc.
- ▼ 23680-4103 24 Volt dc.
- ▼ 18670-0123 12 Volt dc, Not available in Europe.
- ▼ 18670-0243 24 Volt dc, Not available in Europe.

WARNING

DO NOT use any Jabsco pump for petrol, petroleum products or any products with a flash point below 37°C (98°F).

8. Maxi Puppy 3000

A high pressure and high flow pump for bilge pumping and deckwash. Self priming up to 2.4m (8ft) with an output of 2640 lph (660 US gph). It's built to last with a bronze pump head and oil resistant nitrile impeller.

- ▼ 23610-3003 12 Volt dc.
- ▼ 23610-3103 24 Volt dc.

9. Utility Puppy 2000

This pump gives the same performance in all aspects as the Water Puppy but its clever pump design means it will run dry for up to 20 minutes without damage.

- ▼ 23920-2403 12 Volt dc, BSP.
- ▼ 23920-2503 24 Volt dc, BSP.
- ▼ 23920-9403 12 Volt dc, NPT.
- ▼ 23920-9503 24 Volt dc, NPT.

10. Utility Puppy 3000

The heavy duty Puppy pump. Suitable for commercial applications or prolonged hard use. Flow and performance are as per the Maxi Puppy, but the Utility Puppy 3000 boasts ten minutes dry running and an indestructible mechanical seal for long life.

- ▼ 23920-2213 12 Volt dc, BSP.
- ▼ 23920-2313 24 Volt dc, BSP.
- ▼ 23920-9213 12 Volt dc, NPT.
- ▼ 23920-9313 24 Volt dc, NPT.

11. Clutch Pumps

Jabsco clutch pumps are used world-wide for firefighting, bilge pumping, ballast transfer, emergency pumping and high capacity deckwash, so, if you're travelling offshore, working professionally or simply want the most enduring high output pump available read on!

Engine driven; these pumps give flow rates of up to 22,000 lph (5811 US gph) at 2000 rpm. Easy to service and maintain, bilge debris and oil present no problems to these robust bronze bodied flexible impeller pumps. We manufacture clutch pumps with 1", 1 1/2" and 2" ports with manual or electro-magnetic clutches.

Proven time and again from Volvo and BOC Round the World Race Boats to deep sea trawlers. Please consult your Jabsco dealer to select the model most suited to your needs and engine installation.

info

Self Priming means a pump can draw fluid up to itself. Where we quote self priming distances, they are the maximum vertical distance a pump can self prime.



Photo: Elan Marine

Manual Bilge Pumps

12. Amazon Warrior

If you have a larger yacht or commercial craft then the Warrior is for you. Made from robust alloy with twin diaphragms for added safety, the Warrior is capable of an amazing 135 lpm (35 US gpm) and has a big 45cm (18") handle for easy pumping whether mounted on or through deck.

- ▼ 29280-0000 Warrior 38mm (1 1/2") hose.
- ▼ 29279-0000 Optional Through Deck Kit.
- ▼ 29289-0000 Under deck bracket (required for installation with 29279-0000).

13. Amazon Universal

Our most versatile manual bilge pump which can be mounted on or through the bulkhead or deck. Designed for larger and medium sized boats with a flow rate of up to 100 lpm (25 US gpm) the Universal is equally good at emptying holding tanks and has excellent solids handling ability.

- ▼ 29270-0000 Universal 38mm (1 1/2") hose.
- ▼ 29279-0000 Optional through deck kit.

14. Amazon Thrudeck

The Thrudeck is available with 25mm (1") or 38mm (1 1/2") ports giving 50 lpm (13 US gpm) or 75 lpm (20 US gpm) output. The design allows unlimited variation of port direction and easy access to the whole pump chamber and valves.

- ▼ 29250-0000 25mm (1") hose.
- ▼ 29250-0010 38mm (1 1/2") hose.

info

One essential component for any boat is a **Manual Bilge Pump** mounted in a position where it can be worked comfortably for long periods of time. Yacht racing rules state that at least one pump must be capable of being pumped from the cockpit with all hatches shut, and the best way to accomplish this is with a through deck kit which allows the pump to be installed safely below decks whilst the operator pumps from above. A well designed manual pump is very hard to block due to its large bore hose and valves and one piece diaphragm.

There are a variety of electric powered pumps available, each type has its own advantages and it's wise to know what a pump can and can't do to simplify selection of the correct model and size for your boat. Remember, electric pumps can be installed with an automatic bilge switch for unattended operation.

Submersible Pumps are specifically designed to be fitted in the lowest part of the bilge. These electric Centrifugal Pumps are extremely economical to buy and have huge flow rates. However, flow rates decrease more rapidly than other pump types as the discharge head increases, so do check our recommended maximum discharge heads and if in doubt always go up a size.

15. Amazon Bulkhead

The smallest pump in our range designed specifically for smaller boats but still giving a powerful output of 45 lpm (12 US gpm). Suitable for mounting on bulkhead or deck it has multi-positioned ports and body which give an amazing 96 assembly variations.

- ▼ 29240-0000 25mm (1") hose.

16. Bilge Strainers

Strainers prevent bilge debris from blocking pump inlet hose and are fitted with a non-return valve to stop backflow of water into the bilge. Available for 19mm, 25mm and 38mm (3/4", 1" and 1 1/2") hose. Outlet ports can be positioned from horizontal to vertical.

- ▼ 29290-1020 19mm (3/4") hose.
- ▼ 29290-1000 25mm (1") hose.
- ▼ 29290-1010 38mm (1 1/2") hose.

17. Non-return Valves

Non-return valves help priming and prevent backflow of water into the bilge. There are three sizes for 19mm, 25mm and 38mm (3/4", 1" and 1 1/2") hose.

- ▼ 29295-1011 19mm (3/4") hose.
- ▼ 29295-1000 25mm (1") hose.
- ▼ 29295-1010 38mm (1 1/2") hose.

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Bilge Switches and Controls

1. Bilge Pumpgard™ Strainers

Pre-filter protects all electric diaphragm bilge pumps. Prevents unnecessary pump breakdowns caused by particles in the water. Transparent housing allows instant inspection. 46200-0000 model installs in-line between bilge strainer and pump. Quick in-place cleaning of the 20 mesh stainless steel filter screen.

- ▼ 46200-0000 Model for 19mm (3/4") id hose.
- ▼ 46200-0010 Model for 19mm (3/4") id hose, 90 degree inlet & direct plug into Jabsco WPS inlet port.

2. Jabsco Hydro Air Switch

Simply the most reliable automatic bilge switch available. Its unique design ensures no working parts need be located in the bilge. Rising bilge water pressurises air in the bell and tube and so activates the diaphragm switch. Innovative design, modern styling, and corrosion proof materials make the Hydro Air the choice of anyone seeking long life and total reliability.

- ▼ 59400-0012 12 Volt dc.
- ▼ 59400-0024 24 Volt dc.

3. Jabsco Bilgemaster

Designed to control any pump (12 or 24V up to 30 amps) operated via an automatic switch. 3 way switch with automatic "off" or "on" positions. An amber light shows when automatic is selected and a red light shows when the pump is operating. It's even water resistant and so can be mounted in exposed positions.

- ▼ 29140-0000 Switch 12/24 Volt dc.
(Not available in N. America)

4. Vacuum Switch

Especially useful to protect your Flexible Impeller pumps from damage through extended periods of dry running. The Vacuum Switch mounts directly to some Jabsco pumps and cuts power to the motor when there is no fluid in the inlet pipework. Suitable for both 12 and 24 Volt pumps.

- ▼ 4732-0000 Vacuum Switch.



Photo: Hallberg Rassey, 342, Peter Szarar

Rule Float Switches



In line with regional legislation requirements, the mercury has been removed from our ever popular float switch range. Now mercury-free a number of improvements have also been made giving the high level of water protection found in Rule's submersible pumps with long life seals, top mounted waterproof grommet protection and 'blocked' wiring, all of which prevent corrosion and water wicking. The Rule-A-Matic and SuperSwitch now have a detachable mounting base to make them easier to install and remove for cleaning and inspection. They also have larger float chambers for increased buoyancy.

5. Rule-A-Matic® Float Switch



Year after year, the Rule-A-Matic® is the switch of choice of most selective yachtsmen, commercial fishermen, and boat builders the world over, which has made the Rule-A-Matic® the best selling float switch in the world. For use with pumps drawing up to 14 amps.

- ▼ 35A Rule-A-Matic® Float Switch.

6. Rule-A-Matic Plus® Float Switch



Compact, sleek and rugged, the Rule-A-Matic Plus® Float Switch has a strong, fully integrated, impact resistant cover, which protects against debris and jamming. Highly abrasion resistant wires exit the top keeping them out of the water and keeping wear and tear to a minimum. The simple manual test feature allows you to check for obstructions. For use with pumps drawing up to 20 amps.

- ▼ 40A Rule-A-Matic Plus® Float Switch.

7. Rule SuperSwitch Float Switch



Designed for the toughest applications with non-corroding construction and ultrasonically welded assembly for hermetic seal. Complete with a manual test feature for that extra peace-of-mind and backed by a 5 year warranty, the Rule SuperSwitch will be ready to work when you need it most! For use with pumps drawing up to 20 amps.

- ▼ 37A SuperSwitch Float Switch 12/24/32 Volt.

8. Rule 3-Way Rocker Panel Switch

Controls any pump equipped with an automatic float switch. This unit features a black plastic panel, has a built-in fuse holder and an internally lit rocker switch with 3 positions (automatic, off, or manual) with the Rule "fail-safe" spring return to "off" from the "manual" position.

- ▼ 43 12 Volt dc.
- ▼ 44 24/32 Volt dc.



Submersible & Inline Pumps & Kits

Multi-Application

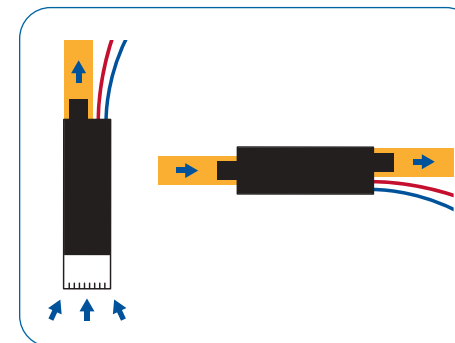


Photo: Fairline Boats plc



The Slimline Series is a whole family of compact combined Submersible and Inline pumps and Portable Pump Kits designed for a wide variety of uses, both on board and ashore. They can be used to pump bilge water from tight spaces, deck showers, for general wash down or water and diesel transfer.

There are four sizes in the Slimline Series and are capable of pumping hot or cold fresh water, seawater and with some models - even diesel. The Portable Pump Kits come complete with lay flat hose, spray nozzle and battery terminal clips and are ready to use!



4. iL500 Plus Series

Pumps fresh and sea water and diesel with a flow rate of 1920 lph (500 US gph). Available in pump and kit form. Providing pressures of 14psi (0.96 bar) you can drop the pump straight into the sea and it is perfect for washdown and deck cleaning.

- ▼ iL500P 12 Volt dc, Pump complete with battery clips.
- ▼ iL500P-24 24 Volt dc, Pump complete with battery clips.
- ▼ iL500PK 12 Volt dc, Pump Kit complete with hose, nozzle and battery clips.
- ▼ iL500PK-24 24 Volt dc, Pump Kit complete with hose, nozzle and battery clips.

1. iL200 Series

Pumps fresh and sea water with a flow rate of 760 lph (200 US gph). The Kit comes complete with food grade hose so is ideal for use in a simple drinking water system.

- ▼ iL200 12 Volt dc, Pump.
- ▼ iL200K 12 Volt dc, Pump Kit complete with hose, nozzle and battery clips.

2. iL200 Plus Series

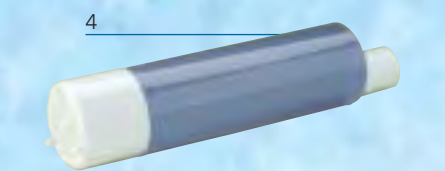
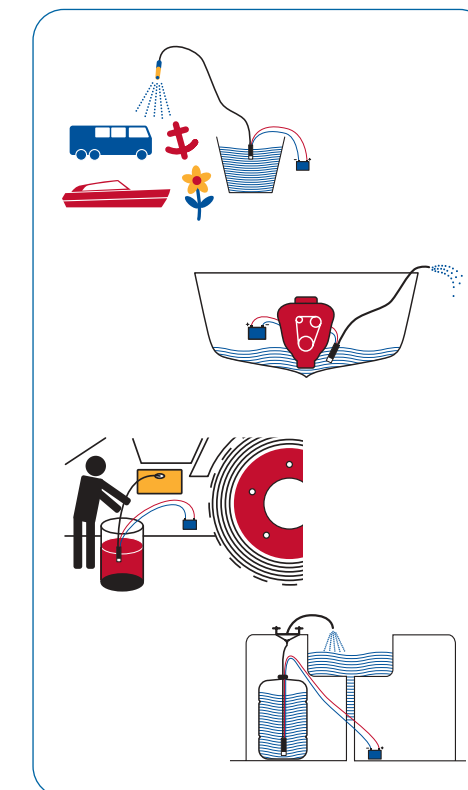
Pumps fresh and sea water and is also suitable for diesel with a flow rate of 760 lph (200 US gph). Compact, continuous duty pump suitable for many applications.

- ▼ iL200P 12 Volt dc, Pump.
- ▼ iL200P-24 24 Volt dc, Pump.

3. iL280 Plus Series

Pumps fresh and sea water and diesel with a flow rate of 1080 lph (280 US gph). Available in pump and kit form, the pump comes complete with 4 metres (13ft) of cable and battery clips. The pump kit is provided with lay flat PVC hose for compact storage.

- ▼ iL280P 12 Volt dc, Pump complete with battery clips.
- ▼ iL280P-24 24 Volt dc, Pump complete with battery clips.
- ▼ iL280PK 12 Volt dc, Pump Kit complete with hose, nozzle and battery clips.
- ▼ iL280PK-24 24 Volt dc, Pump Kit complete with hose, nozzle and battery clips.



rule Livewell Pumps & Systems

For the serious fisherman



1. 401C



2. 403STC



3. 405FC



4



5

Rule's unsurpassed quality and leadership in bilge pump design and technology includes a complete range of Livewell/Aerator pumps, accessories and kits. Designed to supply the volume of water required to keep bait and catch alive and healthy, all pumps feature Rule's incredibly long life motors for outstanding reliability, performance, and durability. They are silent running and vibrationless and are a must on any serious fisherman's boat. All pumps feature advanced anti-airlock protection.



Tournament Series

The new innovative design includes many new and exciting features including a quick, one hand "push button" motor cartridge removal system, patented rotatable base that allows you to position the discharge nozzle at any location, threaded nylon hose barb attachments which allows for various hose mounting options and built-in dual port option.

1. Tournament-Series 500 Livewell Pump

Our reliable, efficient 1925 lph (500 US gph) output baitwell/livewell pump will handle tanks up to 95 Litres (24.5 US Gallons). 19mm (3/4") discharge outlet.

- ▼ **401C** Thru-Hull Applications 100mm (4") Angled Pickup Tube.
- ▼ **401STC** Thru-Hull Applications 121mm (4 3/4") Straight Pickup Tube.
- ▼ **401FC** Seacock Application 25mm (1") (tapered thread) Pickup Tube.

2. Tournament-Series 800 Livewell Pump

Our best selling 3028 lph (800 US gph) output livewell/baitwell pumps are designed for any serious fisherman's boat. Designed for tanks up to 132 Litres (34 US Gallons), these high capacity pumps will keep the bait and fish alive and healthy. 19mm (3/4") discharge outlet

- ▼ **403C** Thru-Hull Applications 100mm (4") Angled Pickup tube.
- ▼ **403STC** Thru-Hull Applications 121mm (4 3/4") Straight Pickup tube.
- ▼ **403FC** Seacock Application 25mm (1") (tapered thread) Pickup tube.

3. Tournament-Series 1100 Livewell Pump

Our highest capacity 4250 lph (1100 US gph) output Tournament Series baitwell/livewell pump is designed for tanks up to 170 Litres (44 US Gallons). Ideal for tournament fishing that requires high water flow for keeping bait and catch alive and healthy. 29mm (1 1/8") discharge outlet.

- ▼ **405C** Thru-Hull Applications 100mm (4") Angled Pickup tube.
- ▼ **405STC** Thru-Hull Applications 121mm (4 3/4") Straight Pickup tube.
- ▼ **405FC** Seacock Application 25mm (1") (tapered thread) Pickup tube.



360° rotatable inlet

360° rotatable outlet

4. Replacement Motor Modules

The innovative line of cartridge pumps feature removable motor cartridges for fast and convenient replacement - even underway.

- ▼ **45DR** 500 Replacement Motor Cartridge.
- ▼ **46DR** 800 Replacement Motor Cartridge.
- ▼ **47DR** 1100 Replacement Motor Cartridge.

5. Gentle-Flow Oxygenator Kit

Designed with the patented infuser technology and a Gentle-Flow directional discharge, the Rule Gentle-Flow Oxygenator introduces air into the base of the livewell pump through the air control center producing millions of micro-fine bubbles. Because the bubbles are so small, they remain suspended in the water longer providing more aeration to your delicate bait and catch. Kits come complete with a directional discharge, intake strainer, hose and intake valve.

- ▼ **255** 700 Pump - up to 11kg (25 lbs) of bait.
- ▼ **256** 1100 Pump - up to 22kg (50 lbs) of bait.

info

Always select a pump that will deliver enough water to replace livewell water every 10 minutes. Bigger is not better - too much pump capacity could lead to air locks. Mount the pump as low and close to the hull as possible.



Photo: Cruiser yachts: www.cruiseryachts.com

JABSCO Toilet & Waste Systems

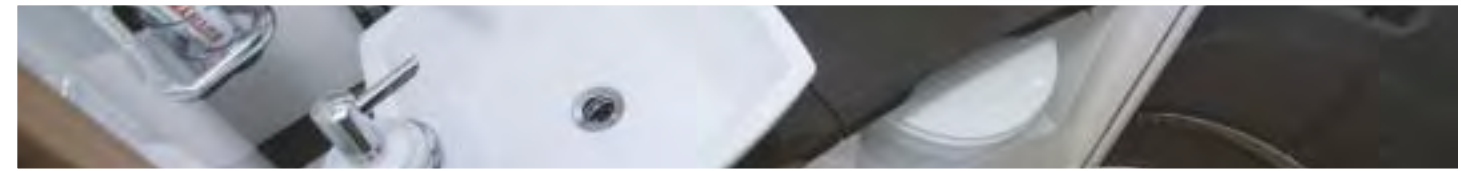
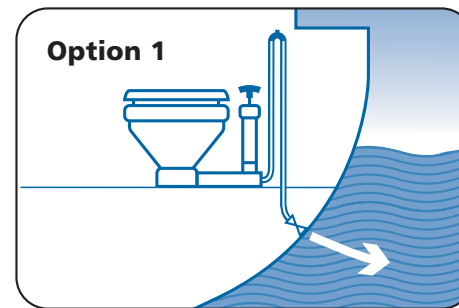


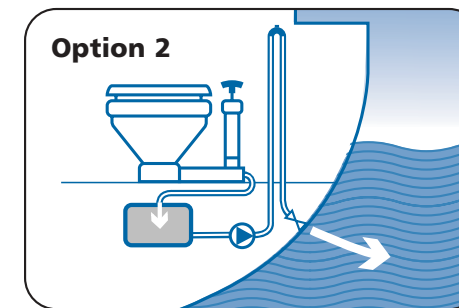
Photo: Fairline Boats plc

At Jabsco we are the world's largest manufacturers and suppliers of small craft marine toilets - so we've built a fair degree of experience in heads systems and their design and installation.

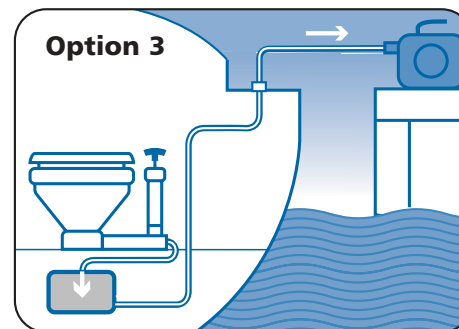
We at Jabsco all understand the importance of keeping the environment clean and free from waste. However it is unfortunate that there is no internationally accepted legislation to guide us on how to deal with the waste from our toilet systems. For this reason Jabsco have produced this guide which details the four most common ways of dealing with toilet waste. It is important to note that your choice of system may be governed by your own national and local rules and regulations.



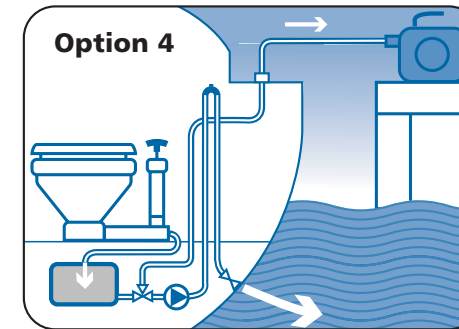
Discharge waste directly into a non-restricted area of water using the toilet's own pump and an anti-syphon loop.



Collect waste in an on-board holding tank so that it can be discharged later when you are in un-restricted waters using an electric or manual pump.



Collect waste in an on-board holding tank for discharge later to a Shore Station using a dockside suction pump or portable utility pump.



A combination of Option 2 and 3 to give you the flexibility of discharging waste wherever most convenient and without risk to the environment.



Manual Toilet



Electric Toilet



Deluxe Flush Electric Toilet



29015 Vented Loop



38110 Waste Management System



53080 Utility Pump



18590 Macerator



50890 Waste Pump



45490 Y Valve

Toilet & Waste Systems

Deluxe Flush Electric Toilets

The Deluxe Flush Range is Jabsco's latest offering to the top of the range Electric Toilet Market. All aspects of the design have been optimized for minimal water usage and near silent operation.

The stylish and extremely compact design is carefully contoured to conceal the flush pump, wiring and plumbing, whilst still featuring a full-size household seat.

The two models differ only in the shape of the back of the toilet. The Angled Back version gives minimal footprint and makes it easy to mount against a sloping surface or in a corner. The Vertical Back version allows snug fitting against a vertical bulkhead.

Deluxe Flush toilets feature a multifunction 'one touch' control pad offering 4 rinse and flush options, using as little as 1 litre (1 US Quart) of water.

1. Deluxe Flush Toilets - Angled Back

- ▼ 58020-1012 Angled back bowl with solenoid valve 12 volt dc, fuse 25 amp.
- ▼ 58020-1024 Angled back bowl with solenoid valve 24 volt dc, fuse 15 amp.
- ▼ 58220-1012 Angled back bowl with intake pump 12 volt dc, fuse 25 amp.
- ▼ 58220-1024 Angled back bowl with intake pump 24 volt dc, fuse 15 amp.

2. Deluxe Flush Toilets - Vertical Back

- ▼ 58040-1012 Vertical back bowl with solenoid valve 12 volt dc, fuse 25 amp.
- ▼ 58040-1024 Vertical back bowl with solenoid valve 24 volt dc, fuse 15 amp.
- ▼ 58240-1012 Vertical back bowl with intake pump 12 volt dc, fuse 25 amp.
- ▼ 58240-1024 Vertical back bowl with intake pump 24 volt dc, fuse 15 amp.

DS14 Designer Style Electric Toilets

Our Designer Style Toilets combine all the sophistication of our Quiet Flush Toilets with a modern vitreous china exterior that fits neatly against a vertical bulkhead and conceals all wiring and plumbing, so that you can enjoy the same style afloat as ashore.

The same three way control system used in Quiet Flush Toilets enables the water level to be raised, lowered, flushed and discharged according to need. As with Quiet Flush, you have a choice of flushing with raw water or fresh water.

3. DS14 Designer Style Electric Toilet

- ▼ 37075-0092 Compact 14" height with solenoid valve 12 Volt dc.
- ▼ 37075-0094 Compact 14" height with solenoid valve 24 Volt dc.
- ▼ 37275-0092 Compact 14" height with in-take pump 12 Volt dc.
- ▼ 37275-0094 Compact 14" height with in-take pump 24 Volt dc.

Quiet Flush Electric Toilets

We've used our long experience of electric toilets to dramatically reduce noise levels when the toilet is flushed. What's more, a new three-way switch allows operation of either the flush, or discharge pump, or both together, allowing water level to be adjusted for user comfort!

We supply Quiet Flush Toilets in either Regular or Compact bowl sizes, and in two models - either with their own intake pump for external water flushing, or with a special solenoid valve & syphon breaker to prevent contamination for those who prefer to connect to their drinking water pressure pump.

4. Quiet Flush Electric Toilets with Solenoid Valve

- ▼ 37045-0092 Compact bowl with solenoid valve 12 Volt dc.
- ▼ 37045-0094 Compact bowl with solenoid valve 24 Volt dc.
- ▼ 37045-1092 Regular bowl with solenoid valve 12 Volt dc.
- ▼ 37045-1094 Regular bowl with solenoid valve 24 Volt dc.

5. Quiet Flush Electric Toilets with In-Take Pump

- ▼ 37245-0092 Compact bowl with in-take pump 12 Volt dc.
- ▼ 37245-0094 Compact bowl with in-take pump 24 Volt dc.
- ▼ 37245-1092 Regular bowl with in-take pump 12 Volt dc.
- ▼ 37245-1094 Regular bowl with in-take pump 24 Volt dc.

6-7. Quiet Flush Conversion Kit

If you already have our traditional 37010 Electric Toilet, our Quiet Flush Conversion Kit will give you all the benefits of our latest models - quiet operation, three-way switch for adjustable water level, plus the choice between fresh or raw water flushing.

- ▼ 37055-0092 Conversion kit with solenoid valve 12 Volt dc.
- ▼ 37055-0094 Conversion kit with solenoid valve 24 Volt dc.
- ▼ 37255-0092 Conversion kit with in-take pump 12 Volt dc.
- ▼ 37255-0094 Conversion kit with in-take pump 24 Volt dc.

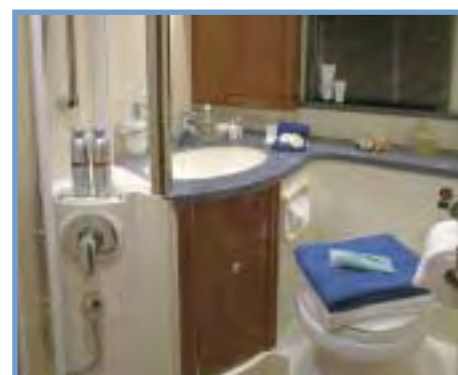


Photo: Fairline Boats plc

8. Economy Electric Compact & Regular Toilets

Our traditional style Electric Toilet. Self priming up to 1.2m (4ft) and can discharge through a maximum vertical head of 1.2m (4ft). Comes complete with a moulded splashguard and a simple switch. Available in Compact or Regular bowl sizes.

- ▼ 37010-0090 Compact bowl 12 Volt dc.
- ▼ 37010-0096 Compact bowl 24 Volt dc.
- ▼ 37010-1090 Regular bowl 12 Volt dc.
- ▼ 37010-1096 Regular bowl 24 Volt dc.

9. Conversion Kit - Manual to Electric

Simple to install - Our Conversions replace the pump on your existing manual toilet using your current hose. Child's play to use - a spring return knob has two positions, one for bowl emptying and the other for bowl emptying and flushing. Supplied as standard to fit our Manual Toilets.

- ▼ 29200-0120 12 Volt dc.
- ▼ 29200-0240 24 Volt dc.

Compact & Regular Manual Toilets

The World's No. 1 Marine Toilet is now better than ever!

Twist 'n' Lock

- Twist 'n' lock action safety handle guards against flooding and waste backflow by locking the waste outlet valve shut.
- Reversible pump mounting allows re-assembly for left hand operation by installer.
- Powerful self-priming, double-acting piston pump.

- Strong swirl action for efficient flushing.
- Crevice free contours and skirted base for added cleanliness and hygiene.
- Contoured handle and conveniently positioned flush control lever for ease of use.
- Angled pump housing and long stroke for easier pumping.
- Spring assisted top valve closure for easier priming.
- Automatic vacuum breaker operated by flush control lever for easier bowl emptying.
- Constant 38mm (1 1/2") bore waste path minimises blockages.
- Aortic joker valve combines full 38mm (1 1/2") bore with automatic backflow prevention.
- Multi-angle discharge elbow for ease of installation.
- Accessible mounting points for faster installation.
- All fastenings face front or top for superbly simple servicing without need for special tools.
- Renewable external seal housing for quick, clean replacement of seal and piston rod guide.
- Positively located gaskets ensure correct re-assembly.
- Dual function base plug combines winter drain point with easy cleaning access.

10. Twist 'n' Lock Compact Manual Toilet

- ▼ 29090-3000 Compact Bowl.

11. Twist 'n' Lock Regular Manual Toilet

- ▼ 29120-3000 Regular Bowl.

info

At Jabsco we are the world's largest manufacturers and suppliers of small craft Marine Toilets - so we've built a fair degree of experience in waste systems and their design and installation.

With modern design and materials, Manual Toilets are easy to service, clean to use, and offer extremely good value for money. Remember there are two bowl sizes available and it's well worth checking how much space is available in your heads compartment for the comfort of a full sized bowl. Manual toilets can be upgraded to electric operation by the use of our Conversion. This has been designed to bolt directly in place of the manual pump and use the same pipework already installed. A normal crew of four can expect to use less than one amp/hour per day through electric toilet use.

37010-Series Electric Toilets have the motor sited at the rear of a narrow base, which gives a clean appearance from the front, and its push button control makes life simpler for newcomers and experienced crews alike.

Our Quiet Flush Toilets offer a new dimension in sophistication - water level can be adjusted to suit your needs via a three way switch and by using a remote mounted pump and quiet diaphragm pump we have drastically reduced noise levels.

Our Deluxe Flush Toilets offer 'state-of-the-art' performance and control, all in a compact, stylish, vitreous china exterior. Near silent operation, minimal water usage and full size seat are just three of the many key benefits offered as standard.

Whichever toilet you choose you need to make sure your installation is fully in-line with local regulations concerning discharge. Many areas will heavily fine anyone caught discharging overboard. This means you need to install a Holding Tank to empty into until you can discharge into a dockside pump out station or directly overboard further out to sea. Diaphragm and Macerator Waste Pumps are designed to empty your holding tanks. Choose a model suited to your tank size, or use a Manual Pump suitable for the purpose such as the Amazon Universal.





Pumps and Accessories

1. Waste Management System

Jabsco's NEW Type 3 Waste Management System provides an easy-to-install, all-inclusive solution consisting of a compact polyethylene holding tank and an integral Run-Dry Macerator Pump. The system has a touch-pad control panel to monitor waste levels and when required the user can activate the macerator pump to evacuate waste.

- ▼ 38110-0092 12 Volt dc pump, fuse 16 amp.
- ▼ 38110-0094 24 Volt dc pump, fuse 8 amp.

2. Diaphragm Waste Pump

The 'straight through' waste path of this super quiet pump easily passes solids in suspension, making it the ideal solution for emptying holding tanks.

The 360° rotating head offers multiple installation options. 19 lpm (5 US gpm) output and self priming up to 10ft (3m). Capable of extensive dry running. Compact and simple design.

- ▼ 50890-1000 12 Volt dc model, fuse 15 amp.
- ▼ 50890-1100 24 Volt dc model, fuse 7 amp.

3. Sealed Macerator Waste Pump

New O-ring sealed motor, twin sealed ball bearings and heavy duty chopper make this macerator pump ideal for evacuating fish boxes and livewell tanks as well as holding tanks. The macerator grinds waste into small particles so it easily passes through the 25mm (1") discharge port. Can discharge tanks up to 600 litres (160 US gallons) in one operation and self primes up to 1.2m (4ft). In addition to these features the Jabsco Macerator is now fitted with an exclusive (patent pending) Run-Dry Protection Device. This new feature makes accidental run-dry impeller damage a thing of the past.

- ▼ 18590-2092 12 Volt dc.
- ▼ 18590-2094 24 Volt dc.

4. Utility Pumps

These heavy duty AC pumps are suitable for dockside pump out or general duty applications, with all the benefits of a flexible impeller pump.

- ▼ 53080-2063 220 Volt(50Hz)
20 minute dry running ability.
- ▼ 6050-0003 115 Volt (60Hz)
Open, drip proof motor.



Photo: Cruiser yachts: www.cruiseryachts.com

5. Solenoid Valve for 37010 Electric Toilets

The Solenoid Valve is essential for 37010 Electric Toilets fitted with a vented loop on the inlet pipework which can restrict priming and flow. The solenoid valve is controlled by the toilet operation switch, providing full performance.

- ▼ 37068-2000 Solenoid valve for 37010 electric toilets.
For use with: 29015-0000 19mm (3/4")
Vented Loop.

6. Vented Loops

Vented loops guard against the danger of water syphoning over pipework loops in below the waterline installations of toilets and bilge pumps.

- ▼ 29015-0000 19mm (3/4") model.
- ▼ 29015-0020 25mm (1") model.
- ▼ 29015-0010 38mm (1 1/2") model.

7. Y-Valve

This robust Y-Valve allows waste to be pumped directly overboard or into a holding tank. Rotating discharge ports simplifies installation. Both 25mm (1") and 38mm (1 1/2") inlet ports are included. Can be operated through a bulkhead using optional shaft extension and can be padlocked so that waste can only go to the holding tank to comply with some local regulations.

- ▼ 45490-1000 Y-Valve.
- ▼ 45500-1000 Extension for through-bulkhead operation.

8. Toilet Pumpgard™

The Pumpgard™ inlet strainer protects manual or electric toilets from pump malfunctions caused by debris. Connections for 19mm (3/4") hose. Quick in-place cleaning.

- ▼ 46200-0000 Toilet Pumpgard™.

9. Inlet Non-return Valve

A check valve gives quicker and easier flushing response on many manual and 37010-Series electric toilet installations. Simple fit in inlet suction hose, close to seacock.

- ▼ 29295-1011 19mm (3/4") Inlet Non-Return Valve.

JABSCO Sink & Shower Drain Pumps Making life afloat simpler



Photo: Fairline Boats plc



1. 50880 Shower & Sink Drain Pump

Introducing our new generation single diaphragm pump, ideal for use in shower and sink drain applications. The filter-less design makes maintenance easy and is virtually unblockable! The pump has a compact design with multi positionable ports, which make installation simple. 960 lph (254 US gph) output, self priming to 3m (10ft) and capable of extensive dry running, offering an inexpensive, reliable solution for shower and sink waste water.

- ▼ 50880-1000 12 Volt dc.
- ▼ 50880-1100 24 Volt dc.

2. PAR-Max 3 Shower Drain Pump

New generation, long life fully serviceable shower drain pump offering 792 lph (210 US gph) output at 1m (3ft) head. Self priming up to 3m (10ft) allowing the pump to be mounted above wet bilges. Super quiet diaphragm design allows extended dry running whilst the continuous rated, heavy duty motor with waterproof coating makes it suitable for the harshest bilge environments. Highly reliable with thermal overload protection built in to avoid overheating. Supplied with Pumpgard™ filter.

- ▼ 31610-0092 12 Volt dc.
- ▼ 31610-0094 24 Volt dc.

3. Jabsco Shower and Bilge Pump

The best selling shower sump pump in the world! Quiet running and fully corrosion resistant. Compact, dry running diaphragm pump, self priming up to 2m (6ft) and offering 780 lph (204 US gph) output at 1m (3ft) head. Supplied with pumpgard™ filter.

- ▼ 37202-2012 12 Volt dc.
- ▼ 37202-2024 24 Volt dc.

4. Water Puppy Shower Drain Pump

Shower debris presents no problem to this bronze bodied, flexible impeller design. Self priming up to 1.2m (4ft) allows mounting above wet bilges and offers 1920 lph (500 US gph) output at 3m (10ft) head. The simple design means fewer wearing parts - all user serviceable.

- ▼ 23680-4003 12 Volt dc.
- ▼ 23680-4103 24 Volt dc.

5. Rule Multi-Port Shower Drain System

A compact, full capacity shower drain system. Automatically turns on after the water starts, and shuts off when the water is removed. Activated by a Rule-A-Matic Plus® float switch. Available with three inlet ports which offers varying combinations of inlet hose and 3100 lph (800 US gph) capacity at zero discharge head. Other features include a clear screw down cover, a removable strainer for easy cleaning, and an internal check valve to prevent back flow.

- ▼ 98A Multi-Port Inlet 12 Volt dc.
- ▼ 98A-24 Multi-Port Inlet 24 Volt dc.



info

We offer three different types of sink and shower drain pumps: self priming diaphragm pumps and a centrifugal sump/pump unit and Flexible Impeller pumps.

Diaphragm pumps like our new 50880 and Jabsco 3 can be remote mounted for easy access as they are self priming, can run dry to drain away the last drops of water and are very quiet in operation.

Our sump/pump unit is designed to allow up to three showers to drain into one common sump, which is then self emptying due to its internal pump and float switch. They are a compact and low cost method of emptying multiple showers.

Flexible Impeller pumps simple yet robust design and powerful flow rate makes it ideal for pumping shower waste from multiple systems. Does not require an inlet strainer.

A pump for every purpose



Photo: Steve Bly and Comstock Images/Alamy

Deckwash Pumps & Inflators



PAR-Max Washdown Pumps & Kits

Jabsco offers boaters a full line of pumps at ideal flow and pressure for washdown. The new PAR-Max Ultra 7.0 Washdown model offers up to 5.5 Bar (80 PSI) and up to 26.5 lpm (7 US gpm). Washdown pumps are ideal for cleaning decks, cockpits and anchors on yachts of a range of sizes and can be connected to sea or fresh water. These units come with an intake strainer, spray nozzle, and quick connect 3/4" Hose Barb fittings.

1. PAR-Max Ultra 7.0 Washdown Set

Ultra Power - 26.5 lpm (7.0 US gpm) flow rate!
 ▼ 52700-0392 12 volt dc, 35 amp breaker included.
 ▼ 52700-0394 24 volt dc, fuse 20 amp.

2&3. PAR-Max 4.0 Washdown Pump Kit

Powerful 15 lpm (4.0 gpm) flow rate, offers pressures up to 4.1 bar (60 psi).
 ▼ 32605-0392 12 volt dc, fuse 15 amp.
 ▼ 32605-0394 24 volt dc, fuse 10 amp.
 ▼ 32900-0092 12 volt dc, with 7.6m (25ft) hosecoil.
 ▼ 32900-0094 24 volt dc, with 7.6m (25ft) hosecoil.

4. PAR-Max 4 Washdown Set

Flow rate up to 19 lpm (5 US gpm), offers pressures up to 35 bar (50 psi).
 ▼ 32700-0392 12 Volt dc, fuse 15 amp.
 ▼ 32700-0394 24 Volt dc, fuse 7 amp.

5. Flush Mount Stainless Steel Deck Connector

This attractive fitting features an automatic water shut-off operated by the supplied 'twist and lock' hose adaptor. Several deck connectors can be supplied from just one deckwash pump.

- ▼ 31911-0000 Deck Fitting, 1/2" NPT female inlet, with one 3/4" GHT male hose adaptor.
- ▼ 31911-0007 Deck Fitting, 1/2" BSP female inlet, with one 3/4" BSP male hose adaptor.

6. HoseCoil Cockpit Washdown Systems

The perfect solution for installing a washdown hose on your boat in an out-of-the-way location. These clever designs allow you to mount the enclosure into the bulkhead, cockpit or deck. Complete with all fittings, fasteners and spray nozzle these simple and convenient solutions mean you will never trip on a hose again!

- ▼ 31910-1115 Flush Mount Enclosure, complete with 4.5m (15ft) hose.
- ▼ 31910-2115 Horizontal Mount Enclosure, complete with 8m (25ft) hose.
- ▼ 31910-3115 Side Mount Enclosure, complete with 4.5m (15ft) hose.

7. High Speed Inflator / Deflator

This new super-fast air pump cuts inflation time for a typical four man dinghy to less than 2 minutes – far quicker than using a foot pump! The unit is supplied with a whole range of adjustable nozzles to fit plastic, rubber and sprung valves, on all major brands from Avon to Zodiac. Lightweight, compact yet with a rugged construction, our new Rule Inflator/Deflator is simple to use and is powered from a standard 12 volt boat or car battery.

- ▼ iD20 12 Volt dc, Inflator / Deflator.
- ▼ iD20K Replacement Nozzle Kit.



6. Flush Mount HoseCoil 6. Horizontal Mount HoseCoil 6. Side Mount HoseCoil

info

Washdown Pumps provide a supply of water at high pressure to blast mud, silt and dirt away from anchors, chains and decks. Anyone who's tried cleaning a filthy anchor chain with a bucket and brush as it's hauled on deck will appreciate the benefit of a jet to do the job for you!

Washdown sets should be controlled from on deck where the work is being done, so we supply both our pump types with trigger nozzles and pressure switches to shut down the pump the moment it's not required.

Diesel Fuel Transfer & Oil Change Pumps

1. Gear Puppy

A simple and reliable gear pump designed for oil and diesel transfer in medium duty applications. Supplied complete with inlet filter it can provide 24.5 lpm (6.5 US gpm) at 5m (16.4 ft) head.

- ▼ 23230-2012 12 Volt dc.
- ▼ 23230-2024 24 Volt dc.

2. Junior Gear Puppy

A small and reliable gear pump designed for oil and diesel transfer in medium duty applications. Supplied complete with inlet filter it can provide 13.5 lpm (3.5 US gpm) at 5m (16.4 ft) head.

- ▼ 23220-2012 12 Volt dc.
- ▼ 23220-2024 24 Volt dc.

3. Fuelmaster

This 'all-inclusive' diesel pumping system is ideal for dockside and boatyard refuelling. With trigger nozzle, hose, strainer and mountable carry case included as standard.

- ▼ 50140-0000 12 Volt dc.
- ▼ 50140-0100 24 Volt dc.

4. 35 lpm Sliding Vane Pump

Suitable for medium duty, this pump is rated for 45 minutes continuous operation and self primes up to 2m (6ft) giving flow rates of 35 lpm (9.3 US gpm). Connections for 19mm (3/4") id hose.

- ▼ 23870-1200 12 Volt dc.
- ▼ 23870-1300 24 Volt dc.

5. 52 lpm Sliding Vane Pump

This model is rated for continuous use and gives 52 lpm (13.7 US gpm), self priming up to 3m (10ft). Connections for 25mm (1") id hose.

- ▼ VR050-1022 12 Volt dc.
- ▼ VR050-1122 24 Volt dc.

6. 105 lpm Sliding Vane Pump

A continuously rated heavy duty diesel refuelling pump which is self priming up to 5m (16ft). Connections for 32mm (1 1/2") ID hose with switch and circuit breaker fitted as standard.

- ▼ VR100-1122 24 Volt dc.

7. Little Pal Utility Pump

A compact brass hand pump for engine and gearbox oil drain, giving up to 5 lpm (1.3 US gpm) output and supplied with a 13mm (1/2") outlet hose and 6mm (1/4") dipstick probe for the inlet.

- ▼ 34060-0010 Little Pal.

WARNING

DO NOT use any Jabsco pump for petrol, petroleum products or any products with a flash point below 37°C (98°F).

info

We designed our range of Sliding Vane Pumps to give trouble free diesel pumping. They are self priming and so can be mounted in a suitable location away from the tank for ease of maintenance. Their rugged reliability has been proven in the tough environment of off-road earth moving machinery where they are standard fitment world wide.

8. Handy Boy Utility Pump

A brass bodied hand pump supplied with a range of hoses and connectors (including dipstick probes) for different installations, giving up to 7 lpm (1.8 US gpm) output.

- ▼ 33799-0000 Handy Boy.

9. Mini Puppy

Designed for permanent, on board installation the Mini Puppy will empty oil sumps into a suitable container. 6 lpm (1.6 US gpm) output, self priming up to 1.5m (5ft), and simple to service.

- ▼ 23620-4003 12 Volt dc.
- ▼ 23620-4103 24 Volt dc.

10. Porta-Quick™

The ultimate answer to hassle free oil change, this robust reversible pump is mounted on a 13 litre (3.4 US gallon) container and supplied with cables, battery clips and hoses ready for use. Operating the pump one way empties the oil into the container and when you're ashore simply operating the pump switch the other way empties the container into a suitable receptacle. Self priming up to 1.2m (4ft).

- ▼ 17800-2000 12 Volt dc.
- ▼ 17800-2024 24 Volt dc.

11. Flat Tank Oil Changer

The Jabsco Flat Tank Oil Change System will extract up to 50 weight oil, at a temperature of 70°F (21°C) through the engine's dip stick tube in less than 5 minutes. The new 13 litre (14 quart) flat tank design makes for a clean and simple oil change on any boat and allows trouble-free disposal due to the stable, easy to carry design.

- ▼ 17860-0012 12 Volt dc, fuse 5 amp.

12. Oil Change Pump

The Oil Change Pump is the same high quality pump used in the Jabsco multi-engine Oil Change System. The powerful pump can change oil in a typical V-8 engine in just minutes.

- ▼ 17830-0012 12 Volt dc.
- ▼ 17830-0024 24 Volt dc.

13. Oil Changer System

The Oil Change System consists of a robust self-priming flexible impeller pump mounted to an easy to install base and coupled to a five port manifold, factory fitted with three full flow ball valves. All are enclosed by a white plastic cover to dress-up the cleanest of engine rooms.

- ▼ 17820-0012 12 Volt dc.
- ▼ 17820-0024 24 Volt dc.

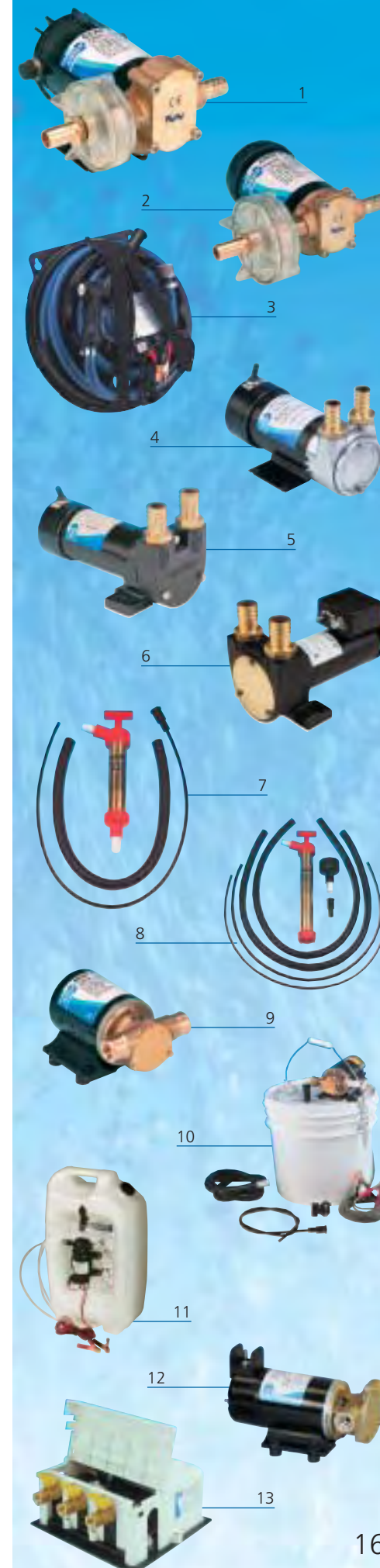




Photo: Fairline Boats plc



Jabsco has a range of circulation pumps for use in low pressure circulation applications such as marine central heating and ballast transfer systems.

1. High Flow Cyclone Centrifugal Pump

Long life continuously rated centrifugal pump which gives high flows up to 110 lpm (29 US gpm) at low pressures. Ideal for hot water circulation duties such as engine cooling and central heating systems.

- ▼ 50840-0012 12 Volt dc, 1/4" NPT connections.
- ▼ 50840-0024 24 Volt dc, 1/4" NPT connections.
- ▼ 50840-2012 12 Volt dc, 1/4" BSP connections.
- ▼ 50840-2024 24 Volt dc, 1/4" BSP connections.

2. High Pressure Cyclone Centrifugal Pump

Long life pump which produces pressures up to 1.6 bar (24 psi) making it ideal for transferring diesel, water and mild chemicals over long or short distances. Can be used in conjunction with trigger nozzles.

- ▼ 50870-0012 12 Volt dc, 1/4" NPT connections.
- ▼ 50870-0024 24 Volt dc, 1/4" NPT connections.
- ▼ 50870-2012 12 Volt dc, 1/4" BSP connections.
- ▼ 50870-2024 24 Volt dc, 1/4" BSP connections.

3-6. Magnetic Drive Circulation Pumps

Small compact pumps specifically designed for circulation duties. Continuously rated, these pumps provide trouble free operation for hot water circulation and raw water cooling applications.

- ▼ 59500-0024 24 Volt dc.
- ▼ 59510-0012 12 Volt dc, 12.5 lpm (3.3 US gpm) @ 0.12 bar (1.74 psi). Connections for 19mm (3/4") ID hose. Long life brushless dc motor.
- ▼ 59520-0000 8-24 Volt dc, up to 21 lpm (5.5 US gpm) @ 0.10 bar (1.45 psi). Connections for 3/4" BSP. Long life brushless dc motor.
- ▼ 59530-0000 8-24 Volt dc, 21 lpm (5.5 US gpm) @ 0.10 bar (1.45 psi). Connections for 3/4" BSP. Long life brushless dc motor.

7. Wakeboard and Ski Boat Ballast Pump

Wakeboarders will be pleased to learn that Jabsco now offer a water Ballasting Pump that can quickly add up to 40 kgs (88 lbs) of water per minute to ballast tank systems. The pump is reversible to both fill and empty ballast tanks and is self-priming and therefore will not air-lock.

- ▼ 18220-1127 12 Volt dc.

info

These centrifugal pumps are designed for multiple applications, from hot water circulation to diesel transfer. They should be mounted in a position where the inlet is continually flooded as they are not self priming.



Photo: Jeanneau



Photo: Cruiser yachts: www.cruiseryachts.com

Engine Cooling Pumps

Flexible impeller pumps are self-priming and therefore, are ideal for engine cooling, wash-down, circulation and many general purpose on-board or dockside applications. The bronze bodies and stainless steel shafts are well suited for marine environments. They can operate in either rotational direction. A variety of models are available with flows from 11 lpm (3 US gpm) to 314 lpm (83 US gpm) and with different port orientations to suit virtually any pumping requirement.

1. Flange Mounted Pumps

The ideal solution for engine cooling due to its compact size and ease of installation. Fitted as original equipment by the majority of engine marinisers worldwide as it is adapted to specifically suit individual marine engines.

2. Pedestal Pumps

A favourite pump with DIY and smaller engine marinisers due to installation flexibility and simple design. The belt driven pump offers many choices of port size and flow rates.

3. Crank Shaft Mounted Pumps

Ideal for high speed applications due to its ability to run up to 5000rpm with various duty options. Mounts onto either the cam or crank shaft which avoids fitting additional belts and pulleys.

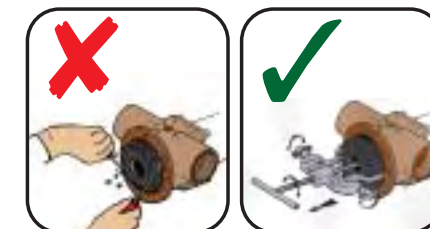
Jabsco - The Original Impeller

Jabsco flexible impellers can be fitted to most makes and models of bronze flexible impeller engine cooling, bilge, transfer and general purpose pumps. Jabsco flexible impellers are subjected to rigorous quality processes to ensure reliable, efficient and long lasting performance.

4. Flexible Impeller Removal Tool

The Flexible Impeller Removal Tool is the easiest way to remove impellers, especially when the pump is mounted in tight and cramped conditions.

- ▼ 50070-0080 Compact version suitable for impellers up to 57mm (2 1/4")
- ▼ 50070-0040 Suitable for impellers up to 65mm (2 1/2") diameter
- ▼ 50070-0200 Suitable for impellers from 65mm (2 1/2") to 118mm (4 1/2") diameter



Did you know?

- Impellers are wearing parts and should be replaced annually, a quick and simple job.
- Jabsco knows all there is to know about specialist pumps for cooling marine engines. We invented the flexible impeller pump back in 1938.
- Your engine's cooling system is highly dependent on the rubber impeller in your sea water pump - engine failure is the largest single cause of call-outs to emergency services.
- Identifying which Jabsco pump or impeller fits your engine is simple. Advice is readily available at your local stockist.
- Our expertise ensures that when you choose Jabsco as your replacement or spare, you can have complete confidence in our quality and suitability.

info

Using the latest in design, material specification and manufacturing methods, Jabsco is the leader in the development of Engine Cooling Pumps worldwide.

Invented in 1938, Jabsco's flexible impeller design was the pioneer of efficient cooling of marine diesel engines.

Ideal for heat exchanger, keel and direct cooling systems, Jabsco have the ability to cool engines from 10Hp to 1800Hp (7kW - 1300kW) with specifically designed pump models to suit various applications.

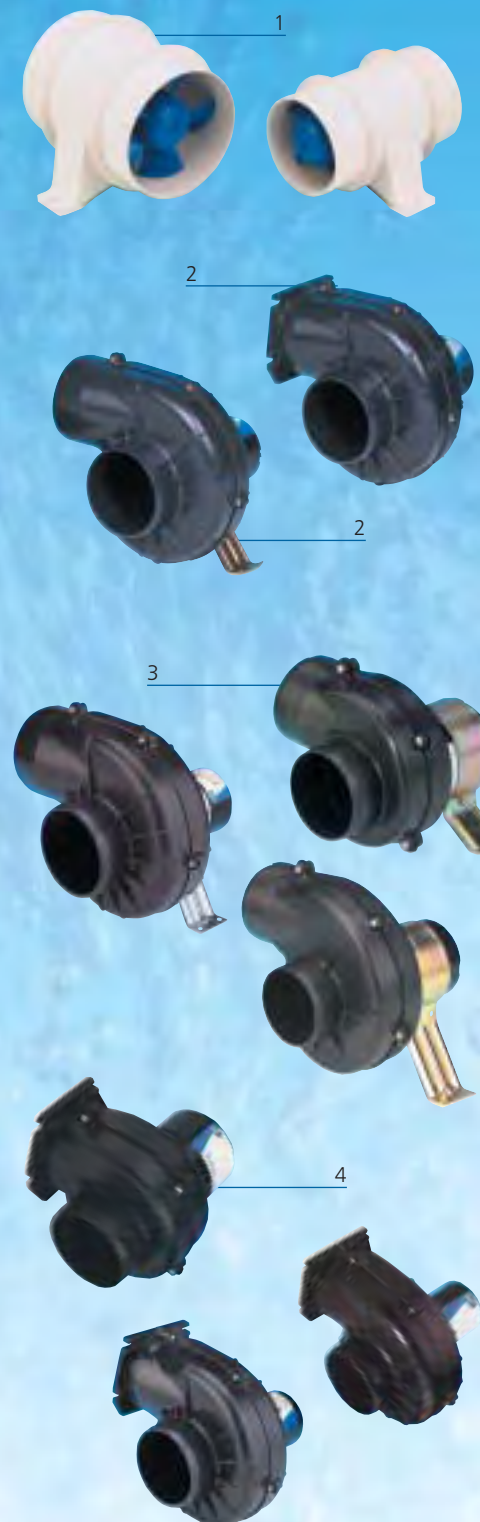
Jabsco offer a wide range of replacement parts that fit other makes of engine cooling pump, including Sherwood, Johnson, Mercruiser, Yanmar and Crusader.



Keep fumes and odours at bay



Photo: Fairline Boats plc



1. Rule® In-line Blowers

Rule® in-line blowers provide ventilation for bilges, engine compartments, galleys and heads. Designed for efficient, high output operation, these blowers feature our exclusive front and rear shaft seals, corrosion resistant motors and premium quality electrical connections for long life. Compact and easily installed on any flat surface, Rule® in-line blowers provide higher air flow, lower amp draw and quieter operation.

For 3.8m³/min (135 cfm) output.

- ▼ 140 12 Volt dc.
- ▼ 140-24V 24 Volt dc.

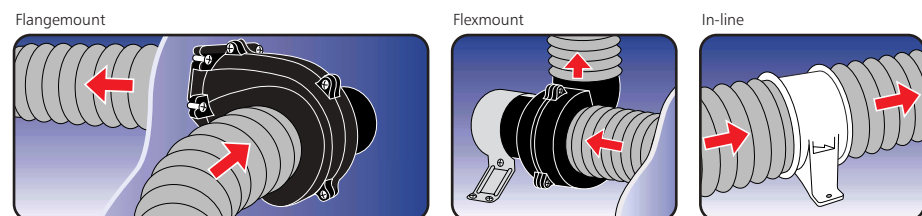
For 6.7m³/min (235 cfm) output.

- ▼ 240 12 Volt dc.
- ▼ 240-24V 24 Volt dc.

2. Jabsco Heavy Duty Flangemount & Flexmount Blowers

Our heavy duty blowers are available in either Flange or Flexmount form. Motor life of 5,000 hours is guaranteed for service in the toughest conditions. Designed for use wherever continuous ventilation is required. Outputs of 7.1m³/min (250 cfm).

- ▼ 35760-0092 12 Volt dc Flangemount.
- ▼ 35760-0094 24 Volt dc Flangemount.
- ▼ 35770-0092 12 Volt dc Flexmount.
- ▼ 35770-0094 24 Volt dc Flexmount.



info

Most Blowers were designed to remove fuel vapours and fumes from the engine compartments of petrol engine boats prior to start up, and to extract fumes and odours from galleys and heads, but they are not suitable for use as permanent ventilation units. However, our Heavy Duty Blowers have been designed specifically for the many people who want a ventilator to boost the supply or extraction of air from engine rooms whenever their engine is running. Their extra long life and heavy duty materials make them the correct choice whenever continuous duty is required.

Most simple installations use In-Line Blowers as they are the most economical and compact type available and still give high outputs. If however your ducting run is longer and likely to bend around obstructions you'll need a Radial Blower. Two types are available, Flangemount and Flexmount. Flangemount Blowers bolt directly to a bulkhead (with the discharge piping on the other side) to give a very neat installation. Flexmount Blowers are supplied with a mounting bracket inside which can be rotated to allow the most convenient ducting routes in confined spaces.

Smooth, Controllable Pulling Power



Photo: Cruiser yachts: www.cruiseryachts.com

Rule winches are built to last, with 3-stage planetary gears, power-in / power-out operation for safe load control, corrosion-resistant drums, and lifetime lubrication. Each winch comes with cable assembly and hook, controls, electrical hardware for battery connection and mounting hardware. Suitable for trailer winching, boatyard duties, launch and recovery of on-board tenders or personal water craft.

Rule Trailer Winches

Remote Controlled with free-wheel for fast cable pay-out. Supplied with 7.6m (25ft) power lead and have die-cast aluminum drums. Other options are available including shorter power leads, longer cable and extended drums, non-free wheeling and stainless steel drums. Also available is a wide range of accessories – contact your local dealer for details.



Photo: Fairline Boats plc

1. 1400 Series Winches

Supplied with 7.6m (25ft) of 4mm (5/32") Cable

- ▼ T14R-CE 12 Volt dc, Trailer Winch
- ▼ T14R 12 Volt dc, Trailer Winch (not available in Europe)

2. 1600 Series Winches

Supplied with 7.6m (25ft) of 4mm (5/32") Cable

- ▼ T16R-CE 24 Volt dc, Trailer Winch
- ▼ T16R 24 Volt dc, Trailer Winch (not available in Europe)



info

The series number denotes the rated stall in pounds for the winch; however the recommended maximum lift is 1/3 of this figure. For the 1600 Series the stall load is 720kg (1600lbs), the maximum recommended lift will be 240kg (530lbs). A large variety of options are available for our winch range to create the product suitable for your application, contact your local dealer for more details.



Remote Control

3. 2500 Series Winches

Supplied with 7.6m (25ft) of 4.8mm (3/16") Cable

- ▼ T25R-CE 12 Volt dc, Trailer Winch
- ▼ T25R 12 Volt dc, Trailer Winch (not available in Europe)

4. 3300 Series Winches

Supplied with 7.6m (25ft) of 4.8mm (3/16") Cable

- ▼ T33R-CE 12 Volt dc, Trailer Winch
- ▼ T33R 12 Volt dc, Trailer Winch (not available in Europe)

5. 4200 Series Winches

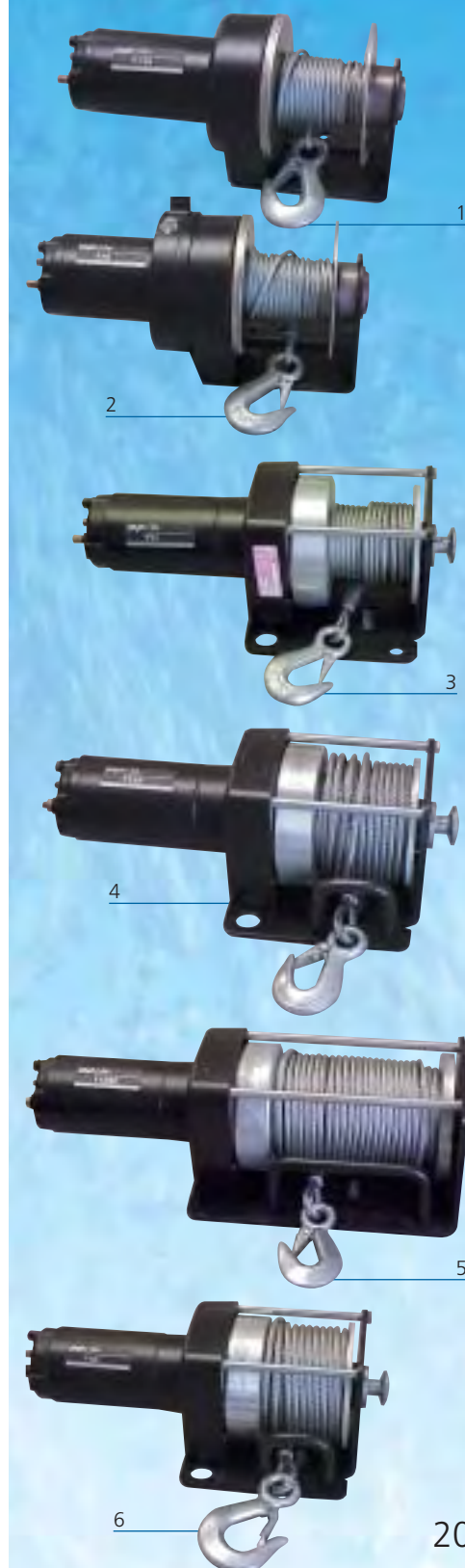
Supplied with 15.2m (50ft) of 5.6mm (7/32") Cable (shown with extended drum for longer cable).

- ▼ T42R-CE 12 Volt dc, Trailer Winch
- ▼ T42R 12 Volt dc, Trailer Winch (not available in Europe)

6. 5000 Series Winches

Supplied with 13.7m (45ft) of 6.4mm (1/4") Cable

- ▼ T50R-CE 24 Volt dc, Trailer Winch
- ▼ T50R 24 Volt dc, Trailer Winch (not available in Europe)

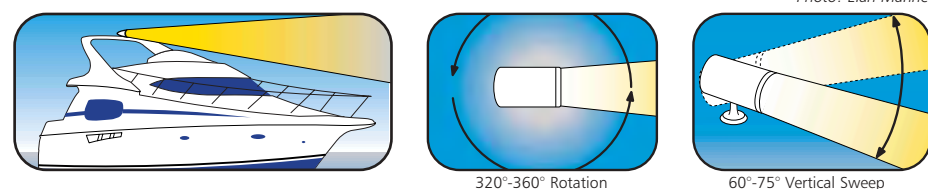


Searchlights & Floodlights

Improve your nightsight



Photo: Elan Marine



Remote Control Searchlights

The advantage of Remote Control is that it allows you to install the light in the best location for maximum effectiveness. They are a very popular addition on power boats, helping locate buoys, moorings and channel markers. Control is by joystick or touchpad. Secondary remote control kits can be bought for most models which allow control from either the flybridge or main helm.

1. 155 (5") SL RC Searchlight

Our leading light for style, performance and value. Sweeping curves complement the latest pleasurecraft profiles. Fingertip control of the watertight halogen sealed beam will pick out hazards nearly 275m (900ft) away. 1 lux at 268m (885ft) with 100,000 candlepower.

- ▼ 61050-0012 12 Volt dc.
- ▼ 61050-1224 12/24 Volt dc. (with electronic control)

2. 135 SL Searchlight

Developed with the smaller boat in mind the 5" x 3" halogen sealed beam delivers 100,000 candlepower providing 1 lux at 262m (850 ft) and 320° horizontal / 75° vertical rotation.

- ▼ 60020-0000 12 Volt.
- ▼ 60020-0024 24 Volt.

3. 146 SL RC Searchlight

The 175,000 candlepower 6" x 4" halogen sealed beam brings long range capability to mid sized boats giving 1 lux at 386m (1275 ft). Supplied with a two speed water resistant control and 4.5m cable, the 146SL gives high performance at reasonable cost and 360° horizontal/ 75° vertical rotation. Optional dual Station Control Kit available.

- ▼ 60080-0012 146SL 12 Volt dc.
- ▼ 60080-0024 146SL 24 Volt dc.

4. 255 SL RC Searchlight

This is the largest in our range of high quality plastic bodied lights. Twin 100,000 candlepower bulbs give 1 lux at 315m (1040 ft). We supply the 255SL complete with a two speed water resistant remote control plus 7.5m (24.6ft) of cable, and optional Dual Station Control Kits are available. The 255SL gives a full 360° horizontal rotation and 60° vertical sweep.

- ▼ 60010-2012 255SL 12 Volt dc.
- ▼ 60010-2024 255SL 24 Volt dc.

Models 180 and 200 are made in brass which is heavily chromed to give traditional good looks and come complete with our water resistant dual speed control panels. All models have 70° vertical and 450° horizontal sweeps.

5. 130 (5") RC Searchlight

The 130mm model is available in 12 volt only and operates in either flood or spot beam mode giving 72,000 (spot) or 30,000 (flood) candlepower and 1 lux at 300m (990ft).

- ▼ 62026-4002 H 12 Volt dc.

6. 150 (6") RC Searchlight

Remote Control Searchlight with digital multi-function processor control, plus optional HID (High Intensity Discharge) light source. Truly the ultimate searchlight. HID models with 600,000 candlepower spot beam - 1 lux at 680m (2210ft). Sealed beam models with 200,000/50,000 candlepower spot/flood beam - 1 lux at 418m (1380ft).

- ▼ 63042-0012 12 Volt dc HID.
- ▼ 63042-0024 24 Volt dc HID.
- ▼ 63022-0012 12/24 Volt dc sealed beam.

7. 180 (7") RC Searchlight

Our 180mm model is available in either 12 or 24 Volt, giving 250,000 candlepower and 1 lux at 418m (1380ft)

- ▼ 62040-4002 12 Volt dc.
- ▼ 62040-4006 24 Volt dc.

8. 200 (8") RC Searchlight

The most powerful remote control light we manufacture is the 200mm model, available only in 24 Volts giving huge 500,000 candlepower output and really long range illumination. 1 lux at 719m (2375ft).

- ▼ 62042-4006 24 Volt dc.

Accessories

9. Secondary Remote Control Kits

Our kits are the only way to achieve dual station control of our remote control searchlights. Available for 135SL, 155SL, 146SL, 255SL, 130mm, 180 and 200mm lights, 12 or 24 Volt. Also available for 155SL and 150mm Electronic Control Lights.

- ▼ 43670-0005 for 135SL (12V or 24V)
- ▼ 43670-0004 for 130 (12V), 180 (12V), 155SL (12V), 146SL (12V or 24V), 255SL (12V)
- ▼ 18753-0335 for 180 (24V), 200 (24V), 255SL (24V)
- ▼ 64044-0000 for SL155 (electronic 12/24V), 150 (electronic 12/24V)

10. Wireless Remote Control

Adds wireless remote control to most* new or existing JabSCO searchlights. It may be used as well as, or instead of, secondary remote control kits.

- ▼ 60000-0000 Control c/w receiver 12 Volt dc
- ▼ 60000-0024 Control c/w receiver 24 Volt dc

* Not suitable for use with 155SL (61050-1224) or 6" RC (12v or 24v)

11. Extension Harness

These wiring harnesses allow for remote control installations where cable lengths are greater than those supplied with the light. Available for standard and electronic control.

- ▼ 43990-0013 3m (10ft) Standard Control.
- ▼ 43990-0014 4.5m (15ft) Standard Control.
- ▼ 43990-0015 7.6m (25ft) Standard Control.
- ▼ 43990-0016 10.7m (35ft) Standard Control.
- ▼ 64042-1011 3m (10ft) Electronic Control.
- ▼ 64042-1007 4.5m (15ft) Electronic Control.
- ▼ 64042-1008 7.6m (25ft) Electronic Control.
- ▼ 64042-1009 15.2m (50ft) Electronic Control.



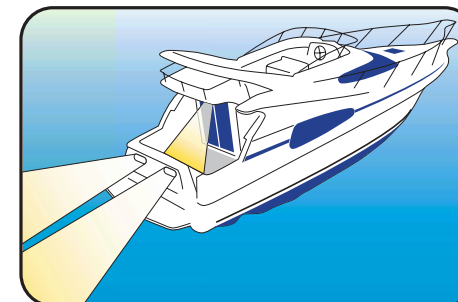
Control & 4.5m (15ft) cable included with all Remote Control Lights, Extension Cables also available.



Dual Station Kits also available with 4.5m (15ft) cable

Deck Floodlights

Bracket mounted floodlights give good service in deck illumination, especially on small fishing boats and commercial craft. Flush mount floodlights provide a clean installation ideally suited for leisure craft. Two beam shapes are available, trapezoidal for deck illumination and flood for transom mounting. In each case bulb adjustment allows the beam to be directed to the required area. A range of compact, purpose designed floodlights for deck, cockpit or boarding point on leisure, commercial, fishing and safety craft available in two sizes.



12. 3" x 5"

- ▼ 45900-1000 12 Volt dc white.
- ▼ 45903-0002 Replacement sealed beam.

13. 4" x 6"

- ▼ 45900-4000 12 Volt dc Ultra Bright white (not available in Europe)
- ▼ 45900-0000 12 Volt dc white.
- ▼ 45900-0001 24 Volt dc white.

info

A marine searchlight has to be capable of performing a range of tasks from locating buoys to illuminating a narrow channel and unfortunately, occasionally searching for a man overboard. To this end it needs to be designed to offer the best combination of beam spread (width) and intensity (length), for both shorter and longer range work.

A spot beam has a 7° beam spread as opposed to 40° on a flood beam and will consequently reach at least 3 times further. Sometimes a searchlight beam is defined at 2° but for anything less than a large stable ship this is not usable, being difficult to aim and offering too concentrated a beam for effective sweeping when mounted on a small craft. We quote performance of our searchlight range in two ways; Candlepower and Lux.

Candlepower is a useful guide to actual light produced but doesn't measure the efficiency of reflector design to actually project that light at the target. The most relevant comparison guide is LUX, which is the measurement of actual light available at a given distance (we quote range at 1 lux).

Remote Control Searchlights are suitable for craft from 5m (16.4ft) upwards, and their main advantage is that they allow the light to be situated away from the helm in a position of maximum effectiveness. Control is via an eight way joystick and a Secondary Remote Control Kit is available for most lights allowing control from both flybridge and saloon.

Floodlights illuminate deck areas or can be mounted in the stern to provide a wide beam spread for local area lighting.



For a full range ask for our Compass Catalogue



1. Quest™

Whether your fun takes you on the water or off-road, the new Danforth® Quest™ compass will point the way. The Quest™ Compass's unique bracket design provides the versatility to mount your compass at any angle—on horizontal, vertical and even overhead surfaces. Our exclusive NO-SPIN card technology gives you guaranteed accuracy and rock-steady readings in a small, sporty size. Hi-flux corrector magnets provide the added measure of adjustment often required for automobile, RV, ATV, snowmobile and certain marine installations. 12 Volt dc red night illumination is standard.

- ▼ C100 Front Read, Black Card, Black Finish.
- ▼ C101 Front Read, Blue Card, White Finish.
- ▼ C102 Front Read, Blue Card, Grey Finish.
- ▼ C103 Front Read, Black Card, Yellow Finish.

Skipper™ II Series

Skipper™ compasses have exclusive guaranteed no-spin front reading GLOBALBalance™ cards with 5° graduations for stable readings at high speeds or in rough weather. Full 30° card tilt angle. Other features include large illuminated 67mm (2 5/8") acrylic dome and high visibility bright yellow or red lubber line. All Skipper™ models have an expansion diaphragm, cross-bar compensating system, and night illumination.

2. Skipper™ II Flush Mount

- ▼ A92 Front Read, Black Finish with Hood.
- ▼ A92G Front Read, Blue Card, Grey Finish with Hood.
- ▼ A92W Front Read, White Finish with Hood.

3. Skipper™ II Bracket Mount

A91 compasses feature a unique ratcheting bracket for mounting on horizontal to vertical and overhead surfaces.

- ▼ A80B Front Read, Black Finish.
- ▼ A80G Front Read, Blue Card, Grey Finish.
- ▼ A91 Front Read, Black Finish. Bracket mount with Hood
- ▼ A91G Front Read, Blue Card, Grey Finish, Bracket mount with Hood.
- ▼ A91W Front Read, White Card, White Finish, Bracket mount with Hood.

4. Skipper™ II Surface Mount

A93 features a unique swivel base for mounting on angled surfaces. A121 can be mounted on curved surfaces and can be easily removed for storage.

- ▼ A93B Front Read, Black Finish.
- ▼ A93G Front Read, Blue Card, Grey Finish.
- ▼ A93W Front Read, White Finish.
- ▼ A121 Front Read, Black Finish.

Cruiser™ Series

Cruiser™ compasses are available with (86mm) 3 3/8" apparent diameter, front or flat reading compass cards. Designed for cruising class boats in the 5.5m (18ft) to 9m (30ft) range, all Cruiser™ compasses have crystal clear spherical acrylic domes, cross-bar compensators, and red night illumination.

5. Cruiser™ Flush Mount

- ▼ A154 Front Reading, Black Finish.
- ▼ A154W Front Reading, White Finish.
- ▼ A154WB Front Reading, White with Blue Card.

6. Cruiser™ Binnacle Mount

- ▼ A152 Front Reading, Black Finish.
- ▼ A155 Flat Card, Black Finish.

Corsair® IV Series

The Corsair® IV compasses offer you a choice of traditional flat card, front read and dual read card models. All models feature the GLOBALBalance™ NO-SPIN card design. Available in flush, binnacle or bracket mounting styles, for power or sail, these attractive 95mm (3 3/4") compasses sport a unique telescoping hood which protects the compass when not in use. Corsair® IV compasses provide the stability needed for high speed powerboat applications and are fully gimballed for sailboat installations. Navy red L.E.D. night illumination and built-in compensators are standard.

7. Corsair® IV Binnacle Mount

- ▼ C352-3 Binnacle Mount, Flat Black Card, Black Finish.
- ▼ C352F-3 Binnacle Mount, Front Reading Black Card, Black Finish.

8. Corsair® IV Bracket Mount

- ▼ C398-3 Bracket Mount, Flat Black Card, Black Finish.
- ▼ C398F-3 Bracket Mount, Front Reading Black Card, Black Finish.

9. Corsair® IV Flush Mount

- ▼ C399-3 Flush Mount, Flat Black Card, Black Finish.
- ▼ C399-3W Flush Mount, Flat Black Card, White Finish.
- ▼ C399D-3 Flush Mount, Dual Reading Black Card, Black Finish.
- ▼ C399D-3W Flush Mount, Dual Reading Black Card, White Finish.
- ▼ C399D-3WB Flush Mount, Dual Reading Blue Card, White Finish.
- ▼ C399F-3 Flush Mount, Front Reading, Black Card, Black Finish.
- ▼ C399F-3W Flush Mount, Front Reading Black Card, White Finish.

Saturn® Series

The compact 95mm (3 3/4") Saturn® compasses are available with a front reading card, flat card or dual reading card. All models feature the GLOBALBalance™ NO-SPIN card design and are fully gimballed. Saturn® compasses feature an adjustable hood, compensators and night illumination.

10. Saturn® Dual-Reading Card

- ▼ A140 Dual Read Red Card, Black Finish.
- ▼ A142 Flat Card, Black Finish.
- ▼ A149 Front Reading, Black Finish.



Available in flush, bracket and binnacle (surface) mounting styles, Danforth's attractive compasses feature our NO-SPIN GLOBALBalance™ card system, which guarantees a perfectly balanced card anywhere in the world. This patent pending technology makes the balancing of cards for geographic locations a thing of the past. And, of course, our exclusive NO-SPIN technology guarantees rock steady performance, even in the roughest conditions.

info

Flat Card Compasses feature saucer-shaped compass cards. They are installed forward of the helm, and below eye level, so the skipper can glance down to read the course. GLOBALBalance™ models feature a card floatation chamber, providing exceptional card stability.

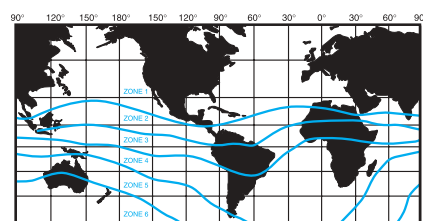
Front reading Compasses have dome-shaped compass cards which are read at the front edge. They are mounted forward of the

helm and are a good choice when the compass is mounted just below the skipper's line of sight. GLOBALBalance™ models feature a card floatation chamber, providing exceptional card stability.

Dual reading Compasses feature a modified flat card with an edge "skirt" for front reading as well. GLOBALBalance™ models feature a card floatation chamber, providing exceptional card stability.

info

GLOBALBalance™ System. Magnetic compasses normally require special card balancing for use in the Southern Hemisphere. The exclusive (patent pending) Danforth® GLOBALBalance™ system eliminates the need for latitude-specific card balancing. Only Danforth® offers a full range of compass models balanced for use worldwide.



GLOBALBalance™ models remain level in all six zones



Photo: Jeanneau

Wind & Water Powered Generators

Free, planet-friendly power...



AeroGen Wind Generators

Our wind generators run at low rotational speeds for quietness, safety and minimal wear and tear. With high strength generator magnets, heavy-duty sealed bearings and tough replaceable blades, AeroGen is built to give you years of reliable, trouble-free operation.

1. Aero2Gen

Light, compact wind generator, ideal for small yachts and weekenders, with output up to 4 amps.

- ▼ LVM212 12 Volt for 25mm (1") pole
- ▼ LVM224 24 Volt for 25mm (1") pole

2. Aero4Gen

Mid-sized wind generator for cruising yachts with output up to 20 amps.

- ▼ LVM412 12 Volt for 25mm (1") pole
- ▼ LVM412-1.512 Volt for 38mm (1½") pole
- ▼ LVM424 24 Volt for 25mm (1") pole
- ▼ LVM424-1.524 Volt for 38mm (1½") pole

3. Aero6Gen

Powerful wind generator for cruising yachts and live-aboard vessels with output up to 30 amps.

- ▼ LVM612 12 Volt for 38mm (1½") pole
- ▼ LVM624 24 Volt for 38mm (1½") pole



Photo: Najad Yachts of Sweden

info

When you are sailing, wind and water powered generators can keep your batteries charged without running the engine, supplying you with a free, quiet, inexhaustible, planet friendly power, and at no additional fuel demand or cost. When you are away from your boat you can rely on wind powered generators to keep your batteries charged day & night whenever there is a breeze, keeping your bilge pump and other essential electrics running without risk of flat batteries. So, when you arrive at your boat you will have lights that light up, a dry bilge and a refrigerator that gets going straight away! It is essential that your wind or water powered generator system is installed with the correct Battery Regulator which stops any over-

charging of your boats battery system. For a selection guide, performance ratings and help in choosing the correct generator and regulator for your boat please contact your local LVM dealer or visit www.lvm-ltd.com.



Battery Regulator

AquaGen Water Towed Generators

AquaGen's are towed water-driven generators suitable for all sailboats and sailing speeds in blue and coastal waters. They can provide enough power to meet all on-board requirements while under sail, offering powerful, silent performance with low drag. Installation is quick and simple and can easily be mounted or de-mounted.

1. Aqua4Gen

Aqua4Gen produces up to 11 amps continuously at 8 knots boat speed when fitted with the larger turbine blades and 10 amps at 10 knots with the smaller blades, both are included.

- ▼ AQ412 12 Volt water generator & turbine
- ▼ AQ424 24 Volt water generator & turbine

2. Aqua6Gen

Aqua6Gen produces up to a continuous 16 amps at 12 knots boat speed and is fitted with the smaller blades.

- ▼ AQ612 12 Volt water generator & turbine
- ▼ AQ624 24 Volt water generator & turbine



Photo: Andy Stafiniak. www.sxc.hu

Aqua to AeroGen – Wind & Water Generators

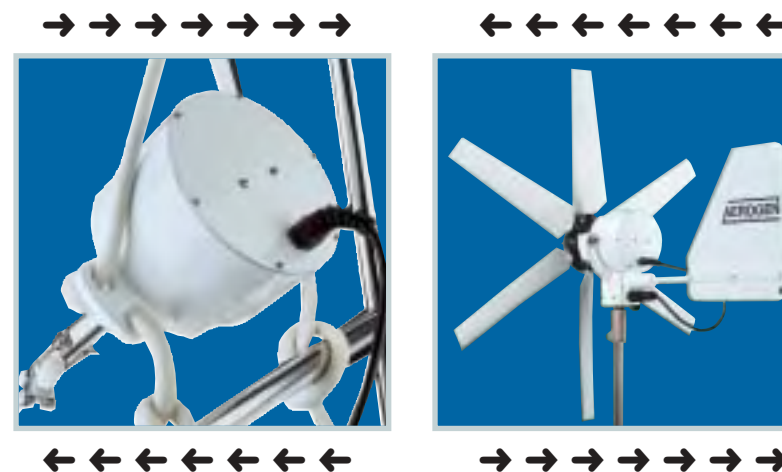
The Aqua4Gen can easily be converted into a wind generator, providing in a single unit a water generator when sailing and a wind generator when at anchor or sailing, with the same wind performance as the Aero4Gen. You can convert the water towed generator into wind mode in less than 5 minutes... remove the mounting rope, bolt the unit into its pole-mounted cradle, add the fan assembly and tail fin, make the water proof connections and that's it! Converts back equally quickly from wind mode back to water towed mode.

3. Aqua4AeroGen

Combined wind and water towed generator with the same performance as the Aqua4Gen and Aero4Gen.

- ▼ AQA412 12 Volt combined wind and water generator
- ▼ AQA424 24 Volt combined wind and water generator

From AQUA4GEN to AERO4GEN

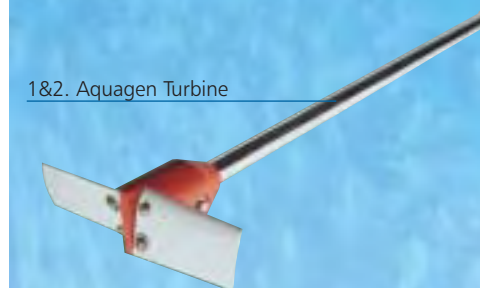


Converting from water to wind mode
From one to the other in less than 5 minutes

1&2. Aquagen Generator



1&2. Aquagen Turbine



3





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- Many exploded diagrams are available to assist in identifying parts.
- Technical data sheets in PDF format for downloading.
- Easy to use Distributor locator.
- Support centre to help specify pumps and diagnose problems.



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