

08 General Purpose Pumps

INTRODUCTION



Ballast Pumps



Today's Wakeboard and Ski tow boats need to be able to take on water ballast to modify their wake formation. A development of our tried and tested Puppy Pumps lets these specialist craft rapidly take on and dump ballast, while modern electronics guard against dry running damage to the impeller.

Circulation Pumps



Centrifugal pumps are the correct product for closed circuit circulation systems, such as Livewell Circulation, Washdown, Central Heating and other flooded suction applications. Jabsco offers purpose designed pumps capable of arduous commercial duty.

Relevant Products



Our Drill pumps are old favorites whose multiple uses keep them in constant demand.

Shower & Sink Drain



Jabsco and Rule's broad range of pump types means that we can provide a choice of solutions according to your needs and budget. Diaphragm pumps such as 50880 and PAR-Max are the choice of charter operators - quiet and dry running. Many knowledgeable owners still appreciate the ability of our Puppy pumps to handle a wide range of debris.

AC Pumps



Jabsco bronze bodied AC motor pumps are self-priming, portable and versatile, making them ideal for a wide range of applications wherever AC power is available.

Shower Drain

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 non-mercury Rule-A-Matic® Plus float switch. Available with one or three inlet ports which offer varying combinations of inlet hose. Other features include a clear screw down cover, a removable strainer for easy cleaning and an internal check valve to prevent back flow.



SIZE (98A)	8-1/4" x 11-1/4" x 5-1/2" (210 x 241 x 140mm)
SIZE (98A-24)	8-1/4" x 11-1/4" x 5-1/2" (210 x 286 x 140mm)
DISCHARGE	3/4" (19mm)

98A
Multi-Port Inlet Pump 800 GPH (3028 LPH)
98A-24
Multi-Port Inlet Pump
800 GPH (3028 LPH) 24-volt

Shower Drain Pump

Robust diaphragm pump suitable for shower and sink drain applications with a multipositional pump head.

- 4.2 gpm (16 lpm) open flow output at 3ft (1m) head.
- Self-priming up to 10ft (3m) vertical lift allows mounting above wet bilges.
- Flexible Installation.
- Compact and simple design.
- Filter-less.
- Quiet running.
- Capable of extensive dry running.
- Corrosion resistant parts.
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).
- ISO 8849 MARINE (Bilge Pump Standard).



FITTING	Connections for 3/4" (19mm) ID Hose.
SIZE	11.7" long x 5.9" wide x 4.4" high (29.7cm x 15cm x 11.1cm).
WEIGHT	6lb (2.7kg).

50880-1000
12 volt DC model, fuse 10 amp.
50880-1100
24 volt DC model, fuse 5 amp.
SK880
Service Kit.

For service and spare parts listing see page 211

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RELEVANT PRODUCTS

JABSCO

Water Puppy Shower Drain Pump

Good flow rate.

8 gpm (32 lpm) at 10ft (3m) total head.

- Self-priming up to 4ft (1.2m) allows mounting above wet bilges.
- Shower debris presents no problem to this bronze bodied, flexible impeller design.
- Simple design means fewer wearing parts - all user serviceable.
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).
- ISO 8849 MARINE (Bilge Pump Standard).



FITTING	Connections for 1/2" male threaded fittings, and for 1" (25mm) ID hose.
SIZE	7 1/2" long x 4 3/4" wide x 3 3/8" high (19cm x 12cm x 8cm).
WEIGHT	3kg (6 1/2lb).

18660-0123

12 volt DC model, fuse 15 amp (Non CE).

6303-0003-P

Replacement Nitrile Impeller.

For service and spare parts listing see page 265.

PAR 37202 Series 2 Shower Drain Pump

Quiet running and corrosion resistant bilge, shower and sink drain pump.

- 3.4 gpm (13 lpm) open flow output at 3ft (1m) head.
- Self-priming up to 6ft (2m) vertical lift allows mounting above wet bilges.
- Quiet running.
- Corrosion resistant materials throughout.
- Complete with Pumpgard.
- Diaphragm design allows extended dry running.
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).
- ISO 8849 MARINE (Bilge Pump Standard).



FITTING	Connections for 19mm (3/4") ID hose.
SIZE	5 1/4" wide x 5 3/4" high x 7 1/2" deep (13cm x 15cm x 19cm).
WEIGHT	5 1/2lb (2.5kg).

37202-2012

12 volt DC model,
fuse 7 amp.

37202-2024

24 volt DC model,
fuse 5 amp.

50095-1000

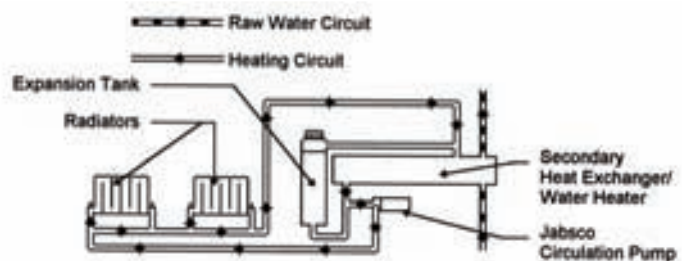
Service Kit.

For service and spare parts listing see page 210.

Jabsco has a range of circulation pumps for use in low pressure circulation application such as marine central heating systems. Jabsco circulation pumps are designed for reliability and ease of use.

Marine Central Heating System

This system provides central heating which works just like the heating system in the home. Jabsco circulation pumps can be used to circulate heated coolant water heater from an engine's recirculating fresh water system through radiators in the vessel living spaces. These radiators can be individually adjusted to provide the best and most comfortable conditions.



Cyclone® Circulation Pump

Robust, high efficiency and flow, long life circulation pumps. Typical applications include Hot & Cold water systems, windscreen washing, livewell and bait tank systems and liquid transfer.

- 29 gpm (110 lpm) maximum flow.
- Low and high pressure versions available.
- Robust stainless steel body and anti-clogging design impeller.
- Only one tool needed for all servicing.
- ISO 8846 MARINE & USCG Regulations for Ignition Protection.
- ISO 8849 MARINE Bilge Pump Standard.

FITTING	Connections for 3/4" NPT or BSP.
SIZE	50840-series: 6" long x 6 1/2" wide x 5" high (15cm x 16cm x 12cm). 50870-series: 9" long x 4 1/2" wide x 5" high (22cm x 11cm x 12cm).
WEIGHT	50840 - 15 lb (6.8 kg). 50870 - 23 lb (10.5 kg).



Low Pressure Pumps

- 50840-0012
12 volt DC, NPT ports, fuse size 10 amp.
- 50840-0024
24 volt DC, NPT ports, fuse size 7 amp.
- 50840-2012
12 volt DC, BSP ports, fuse size 10 amp.
- 50840-2024
24 volt DC, BSP ports, fuse size 7 amp.

Higher Pressure Pumps

- 50860-0012
12 volt DC, NPT ports, fuse size 25 amp.
- 50860-0024
24 volt DC, NPT ports, fuse size 13amp.
- 50860-2012
12 volt DC, BSP ports, fuse size 25 amp.
- 50860-2024
24 volt DC, BSP ports, fuse size 13 amp.

For service and spare parts listing see page 208.

Magnetic Drive Circulation Pumps

The Jabsco Magnetic Drive Brushless DC Pumps offer exceptional life and reliability. The motors last in excess of 10,000 hours and the seal-less pump heads remove any chance of leaks.

- Up to 6 gpm (28 lpm) open flow.
- Rugged and simple design.
- Versatile, will handle high temperatures and chemicals.
- Designed for continuous use.

FITTING	59510: 3/4" (19mm) hose. 59520: 1/2" BSP - brass head. 59530: 3/4" (19mm) hose - normal head.
SIZE	59510: 3.8" long x 3.4" wide x 2.7" high (97cm x 85cm x 69cm). 59520/30: 3.7" long x 3.5" wide x 3.5" high (95cm x 85cm x 85cm).
WEIGHT	59510: 0.5lb (0.25kg). 59520/30: 1.5lb (0.68kg).

59510-0012
12 volt DC, fuse size 2 amp.

59520-0000
8-24 volt DC, fuse size 2.5 amp.

59530-0000
8-24 volt DC, fuse size 2.5 amp.

PUMP MODEL NO.	END COVER SCREW	GASKET/O RING	IMPELLER	SEAL
50860-0012	91095-6325	X4020-369A	50871-0100	96080-6564
50860-0024	91095-6325	X4020-369A	50871-0100	96080-6564
50860-2012	91095-6325	X4020-369A	50871-0100	96080-6564
50860-2024	91095-6325	X4020-369A	50871-0100	96080-6564



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RELEVANT PRODUCTS



Drill Pumps

Jabsco Drill Pumps provide a very versatile means of transferring fluid almost anywhere an electric drill with ¼" to ⅜" chuck can be operated. They provide easy powered pumping almost anywhere a hand utility pump might be used.

- Pumps up to 3.5 gpm (13 lpm).
- Self-priming to 3ft (1m).
- ¼" (6.5mm) diameter shaft.
- Supplied with ¾" Garden hose thread port adapters.
- Model 17215-0000 includes accessories for Oil Changing.

FITTING	Connections for ½" (13mm) ID hose and ¾" GHT female threaded fittings.
SIZE	3 ⁵ / ₁₆ " long x 3½" wide x 2 ³ / ₁₆ " high (84mm x 89mm x 56mm).
WEIGHT	.5lb (0.2kg).



WARNING

Explosion hazard. Pumps with AC motors can spark. Explosion and death can occur. Do not use where flammable vapors are present.



17250-0003

- 17250-0003
Pump (boxed) with two Garden Hose Thread Port Adapters.
- 17215-0000
Pump (Poly bagged with header card) with Garden Hose Port Adapters and ¼" x 40" Probe plus 3 ft of ½" Hose for changing oil through a dipstick tube.
Carton: 12 bagged or boxed units.
- 17255-0003-P
Replacement Nitrile Impeller and Shaft.

Always use a RCD circuit breaker when using electrical equipment near water. Always ensure that equipment is properly earthed.

53080 Dockside Utility Pump - 230v

Heavy duty 220 volt AC general utility for dockside pump-out duties.

- 17.6gpm (67 lpm) output 10ft
- Primes from dry up to 3m.
- Built in dry running protection for 30 minutes after initial prime.
- Primes from dry.
- Handles hard and soft solids without clogging.
- Choice of nitrile impeller for oil based products or neoprene for water based products.

FITTING	Connections for 1½" BSP.
SIZE	13" long x 9½" wide x 9½" high (33cm x 24cm x 24cm).
WEIGHT	15kg (33lb).



- 53080-2003
220 volt AC 50Hz model, Nitrile Impeller.
- 53080-2001
220 volt AC 50Hz model,
neoprene impeller.

- SK411-0003
Service Kit, Nitrile.
- SK411-0001
Service Kit, Neoprene.

Not available in the USA.

53040 Dockside Utility Pump - 230v

Heavy duty 220 or 110 volt AC general utility for dockside pump-out duties.

- 8.8gpm (33.3lpm) output at 10ft (3m) total head.
- Primes from dry up to 3m
- Built in dry running protection for 30 minutes after initial prime.
- Primes from dry.
- Handles hard and soft solids without clogging.
- Choice of nitrile impeller for oil based products or neoprene for water based products.

FITTING	Connections for 1" BSP.
SIZE	11½" long x 8¼" wide x 8¾" high. (29cm x 21cm x 23cm).
WEIGHT	9.5kg (21lb).



- 53040-2003
220 volt AC 50Hz model,
Nitrile Impeller.
- 53040-2021
220 volt AC 50Hz model,
Neoprene Impeller.
- 53040-2103
110 volt AC model
Nitrile Impeller.
- SK409-0003
Service Kit, Nitrile.
- SK409-0021
Service Kit, Neoprene.

Not available in the USA.

High Speed Inflator/Deflator

The Rule High Speed inflator/deflator inflates a typical 4 man dinghy in as little as one to two minutes. Adjustable nozzles have been included for most inflatables and valve types. Inflator kit available for replacement adapters.

- 12 volt, 25 amp, maximum 2.6psi, 20 CFM.
- 10ft. (3m) cable length with battery clips.
- Pre-lubricated and sealed bearings to ensure long life.
- Robust fan drive belt for long life.
- Adjustable nozzles for most inflatables and valve types included.
- Grip pad for one handed operation.
- For replacement adapters, Model iD20K Inflator



iD20
Inflator/Deflator with Adapters.

iD20K
Replacement Adaptor Kit.

General Purpose Centrifugal Pumps

The Rule General Purpose Pump is designed for use as a washdown pump and/or to circulate water to your livewell tanks. Heavy duty construction for commercial or pleasure boat use. 1 1/2" (38mm) inlet and 1 1/2" (38mm) discharge outlet. The Rule General Purpose Pump must be mounted below the waterline. It does not deliver high pressure, nor is it self priming. It pumps lots of water but at low pressure. 12 volt DC unless noted.



NON-AUTOMATIC

- 17A**
3800 gph (14380 lph).
- 18A**
3700 gph (14002 lph) (24 volt).
- 19A**
3700 gph (14002 lph) (32 volt).

Portable Pumps

Constructed of sturdy ABS plastic with comfort-grip handle providing smooth firm strokes. Available in 24" (610mm) with hose and 48" (1220mm) with hose.



165
8 gpm (30 lpm) - with 24" (610mm) hose.

168
10 gpm (38 lpm) - with 48" (1219mm)hose.

Wakeboard and Ski Boat Ballast Pump

Jabsco now offers a Wakeboard and Ski Boat Water Ballasting Pump. These pumps can deliver almost 80 pounds (10 gallons) of water ballast per minute.



- 9gpm (40 lpm)
- Fills a typical 40 gallon ballast tank in under 5 minutes.
- Reversible to both fill and empty ballast tanks.
- Self-priming and non air-locking.
- Exclusive (Patent pending) Run-dry Protection shuts off pump before impeller is damaged.
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).

FITTING	Ports - 1/2" (13mm) NPT internal thread and 1" (25mm) External Hose Barb.
SIZE	7 1/8" long x 4 3/4" wide x 3 5/8" high (18cm x 12cm x 9cm).
WEIGHT	6lb (2.7kg).

18220-1127
12 volt Pump with Urethane Impeller.

6303-0007
Replacement Impeller.

For service and spare parts listing see page 245.

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RELEVANT PRODUCTS



12210-Series Utility Pumps - 115v

The 12210-Series Pumps are the most compact self-priming flexible impeller 115 volt AC Utility Pumps Jabsco offers.

- Bronze Pump head.
- 3.4 gpm (12.8 lpm) output at 10ft (3m) total head.
- Replaceable brushes.
- Intermittent duty cycle.
- 6 foot power cord with grounded plug.



FITTING	3/8" NPT internal thread.
SIZE	6 7/8" long x 4" wide x 3 3/8" high. (175mm x 102 mm x 92 mm).
WEIGHT	5lb (2.3kg).

[12210-0001](#)
115 volt AC with Neoprene Impeller (Non CE).
[12210-0003](#)
115 volt AC with Nitrile Impeller (Non CE).
[1414-0001](#)
Replacement Neoprene Impeller.
[1414-0003](#)
Replacement Nitrile Impeller.

18610-Series Utility Pumps - 115v

The 18610-Series pumps are very versatile moderate flow rate, portable self-priming Utility Pumps suitable for continuous duty applications.

- Bronze pump head.
- 5.8 gpm (22 lpm) output at 10ft (3m) total head.
- Continuous duty motor with thermal over-load protection.
- 8 foot power cord with grounded plug.
- Convenient carrying handle.



FITTING	1/2" NPT internal thread. 1" hose barbed O.D.
SIZE	9" long x 5 5/8" wide x 7 5/8" high (229mm x 143mm x 186mm).
WEIGHT	12lb (5.4kg).

[18610-0001](#)
115 volt AC with Neoprene Impeller (Non CE).
[18610-0003](#)
115 volt AC with Nitrile Impeller (Non CE).
[7273-0001](#)
Replacement Neoprene Impeller.
[7273-0003](#)
Replacement Nitrile Impeller.

11810-Series Utility Pumps - 115v

The 11810-Series pumps are robust, portable self-priming Utility Pumps with a substantial flow rate.

- Bronze Pump head.
- 9.5 gpm (36 lpm) output at 10ft (3m) total head.
- Continuous duty motor with thermal over-load protection.
- 8 foot power cord with grounded plug.
- Convenient Carrying Handle.
- Available with Open Drip Proof or Totally Enclosed Fan Cooled Motor.



FITTING	1/2" NPT Internal thread. 3/4" Garden Hose Thread O.D.
SIZE	10 1/2" long x 7 1/4" wide x 7 3/4" high (267mm x 184mm x 197mm).
WEIGHT	20lb (9.1kg) ODP Motor. 25lb (11.4kg) TEFC Motor.

[11810-0003](#)
115 volt AC with Nitrile Impeller and Open Drip Proof Motor (Non CE).
[11810-0011](#)
115 volt AC with Neoprene Impeller and totally enclosed Fan Cooled Motor (Non CE).
[11810-0013](#)
115 volt AC with Nitrile Impeller and totally enclosed Fan Cooled Motor (Non CE).
[5929-0001](#)
Replacement Neoprene Impeller.
[5929-0003](#)
Replacement Nitrile Impeller.

6050-Series Utility Pumps - 115v

The 6050-Series pumps are the highest capacity, self-priming, portable Utility Pumps offered by Jabsco.

- Bronze Pump head.
- 3 gpm (87 lpm) output at 10ft (3m) total head.
- Continuous duty motor with thermal over-load protection.
- Motor wired to operate with 115v AC and can be converted to 230v AC.
- Available with Open Drip Proof or Totally Enclosed Fan
- Cooled Motor.
- 8' power cord with grounded plug.
- Convenient carrying handle.



FITTING	NPT Internal thread.
SIZE	13" long x 8" wide x 8 5/8" high (229mm x 143mm x 186mm).
WEIGHT	35.5lb (16.1kg).

6050-0003 115 volt AC with Nitrile Impeller and Open Drip Proof Motor (Non CE).	6050-0013 115 volt AC with Nitrile Impeller and totally enclosed Fan Cooled Motor (Non CE).	6056-0003 Replacement Nitrile Impeller.
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WARNING Explosion hazard. Pumps with AC motors can spark. Explosion and death can occur. Do not use where flammable vapors are present.

Evacuator Portable Utility Pumps



New

Not available in EMEA.

The Evacuator series offers smaller and lighter form factors than comparable pumps. The innovative power connection, which allows for direct operation from your vehicle's 12 volt battery via two heavy duty battery clips, provides flexibility for use in work environments requiring fast efficient removal of water

- 2000 GPH (7570 LPH)
- 4000 GPH (13250 LPH)
- 8000 GPH (30283 LPH)

EV2000-103 12 Volts DC
EV4000-103 12 Volts DC
EV8000-103 12 Volts DC

110 Volt Pump

Designed to remove water from basements, garages, stairwells, utility rooms, boats, and other utility applications. Available in Non-Automatic & Automatic versions utilizing standard 110 volt AC current. UL Listed.



A53S Automatic, 1800 gph (6814lph), 8' (2.4m) cord, Garden Hose & Rigid Pipe, #57 adapters.
A53S-24 Automatic, 1800 gph (6814 lph), 24' (7.3m) cord, Garden Hose & Rigid Pipe, #57 adapters.
A53D 1800 gph (6814 lph), 8' (2.4m) cord, Garden Hose & Rigid Pipe, #57 adapters.