

# 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 specialty 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.

## Drill Pumps



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

# General Purpose Pumps 08

SHOWER & SINK DRAIN PUMPS

## 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.



<b>DISCHARGE</b>	3/4" (19mm)
<b>SIZE</b>	11-1/4" long x 8-1/4" wide x 5-1/2" high (28.6cm x 21cm x 14cm)

MODEL	DESCRIPTION
98A	Multi-Port Inlet Pump, 800 GPH (3028 LPH)
98A-24	Multi-Port Inlet Pump, 800 GPH (3028 LPH), 24V DC model

## Shower Drain Pump

Robust diaphragm pump suitable for shower and sink drain applications with a multi-positional pump head.



- 4.2 GPM (16 LPM) open flow output at 3' (1m) head.
- Self-priming up to 10' (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).

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

MODEL	DESCRIPTION
50880-1000	12V DC model, fuse 10 amp
50880-1100	24V DC model, fuse 5 amp
SK880	Service Kit

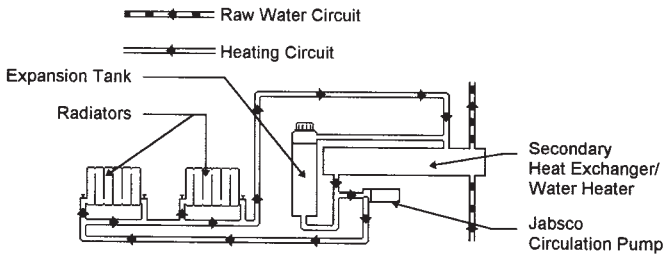
For service and spare parts listing, see page 231.

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CIRCULATION PUMPS



## Marine Central Heating System



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

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 re-circulating fresh water system through radiators in the vessel living spaces. These radiators can be individually adjusted to provide the best and most comfortable conditions.

## 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.

<b>FITTING</b>	59510: 3/4" (19mm) hose 59520: 1/2" (13mm) BSP, brass head 59530: 3/4" (19mm) hose, normal head
<b>SIZE</b>	59510: 3.8" long x 3.4" wide x 2.7" high (97mm x 85mm x 69mm) 59520/59530: 3.7" long x 3.5" wide x 3.5" high (95mm x 85mm x 85mm)
<b>WEIGHT</b>	59510: 0.5lb (0.2kg) 59520/59530: 1.5lb (0.68kg)

MODEL	DESCRIPTION
59510-0012	12V DC, fuse 2 amp
59520-0000	8-24V DC, fuse 2.5 amp
59530-0000	8-24V DC, fuse 2.5 amp

## Cyclone® Circulation Pump



50840 Series  
Low Pressure Pump

50860 Series  
High Pressure Pump

Robust, high efficiency and flow, long-life circulation pumps. Typical applications include hot and 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.
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).
- ISO 8849 MARINE (Bilge Pump Standard).

<b>FITTING</b>	Connections for 3/4" (19mm) NPT or BSP
<b>SIZE</b>	50840 Series: 6" long x 6-1/2" wide x 5" high (15cm x 16cm x 12cm) 50860 Series: 9" long x 4-1/2" wide x 5" high (22cm x 11cm x 12cm)
<b>WEIGHT</b>	50840 Series: 15lb (6.8kg) 50860 Series: 23lb (10.5kg)

MODEL	DESCRIPTION
50840-0012	Low pressure, 12V DC, NPT ports, fuse 10 amp
50840-0024	Low pressure, 24V DC, NPT ports, fuse 7 amp
50840-2012	Low pressure, 12V DC, BSP ports, fuse 10 amp
50840-2024	Low pressure, 24V DC, BSP ports, fuse 7 amp
50860-0012	High pressure, 12V DC, NPT ports, fuse 25 amp
50860-0024	High pressure, 24V DC, NPT ports, fuse 13 amp
50860-2012	High pressure, 12V DC, BSP ports, fuse 25 amp
50860-2024	High pressure, 24V DC, BSP ports, fuse 13 amp

For service and spare parts listing, see page 229.

MODEL NUMBER	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



## DOCKSIDE UTILITY &amp; PORTABLE PUMPS

## 53080 Dockside Utility Pump – 230V

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

- 17.6 GPM (67 LPM) output 10' (3m).
- Primes from dry up to 10' (3m).
- Built-in dry running protection for 30 minutes after initial prime.
- Handles hard and soft solids without clogging.
- Choice of nitrile impeller for oil-based products or neoprene for water-based products.
- Not available in the USA.



<b>FITTING</b>	Connections for 1-1/2" (38mm) BSP
<b>SIZE</b>	13" long x 9-1/2" wide x 9-1/2" high (33cm x 24cm x 24cm)
<b>WEIGHT</b>	33lb (15kg)

MODEL	DESCRIPTION
53080-2003	220V AC, 50Hz model, nitrile impeller
53080-2001	220V AC, 50Hz model, neoprene impeller
SK411-0003	Service Kit, nitrile
SK411-0001	Service Kit, neoprene

## 53040 Dockside Utility Pump – 230V

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

- 8.8 GPM (33.3 LPM) output 10' (3m) total head.
- Primes from dry up to 10' (3m).
- Built-in dry running protection for 30 minutes after initial prime.
- Handles hard and soft solids without clogging.
- Choice of nitrile impeller for oil-based products or neoprene for water-based products.
- Not available in the USA.



<b>FITTING</b>	Connections for 1" (25mm) BSP
<b>SIZE</b>	11-1/2" long x 8-1/4" wide x 8-3/4" high (29cm x 21cm x 23cm)
<b>WEIGHT</b>	21lb (9.5kg)

MODEL	DESCRIPTION
53040-2003	220V AC, 50Hz model, nitrile impeller
53040-2021	220V AC, 50Hz model, neoprene impeller
53040-2103	110V AC, nitrile impeller
SK409-0003	Service Kit, nitrile
SK409-0021	Service Kit, neoprene

## Portable Pumps

Constructed of sturdy ABS plastic with comfort-grip handle, providing smooth firm strokes. Available in 24" (61cm) with hose and 48" (122cm) with hose.



MODEL	DESCRIPTION
165	8 GPM (30 LPM) with 24" (61cm) hose
168	10 GPM (38 LPM) with 48" (122cm) hose

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DRILL PUMPS & GENERAL PUMPS



## Drill Pumps



Jabco Drill Pumps provide a very versatile means of transferring fluid almost anywhere an electric drill with 1/4" to 3/8" (6mm to 10mm) 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 3' (1m).
- 1/4" (6mm) diameter shaft.
- Supplied with 3/4" (19mm) garden hose thread port adapters.
- Model 17215-0000 includes accessories for oil changing.

<b>FITTING</b>	Connections for 1/2" (13mm) ID hose and 3/4" GHT female threaded fittings
<b>SIZE</b>	3-5/16" long x 3-1/2" wide x 2-3/16" high (84mm x 89mm x 56mm)
<b>WEIGHT</b>	0.5lb (0.2kg)

MODEL	DESCRIPTION
17250-0003	Pump (boxed) with two GHT port adapters
17215-0000	Pump (poly bagged with header card) with two GHT port adapters, 1/4" x 40" (6mm x 102cm) probe and 1/2" x 36" (13mm x 91cm) hose for changing oil through a dipstick tube. Carton: 12 boxed or bagged units.
17255-0003-P	Replacement Nitrile Impeller and Shaft



### WARNING

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

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

## 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 2.6 psi, 20 CFM.
- 10' (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

MODEL	DESCRIPTION
iD20	Inflator/Deflator with Adapters
iD20K	Replacement Adapter 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.

MODEL	DESCRIPTION
17A	Non-automatic, 3800 GPH (14380 LPH)
18A	Non-automatic, 3700 GPH (14002 LPH), 24V DC
19A	Non-automatic, 3700 GPH (14002 LPH), 32V DC

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BALLAST PUMPS

## Ballast Puppy



Jabco now offers wakeboard and ski boat water ballasting pumps. These pumps can deliver almost 80 pounds (10 gallons) of water ballast per minute.

- 9 GPM (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-airlocking.
- Exclusive (patent pending) Run-Dry Protection shuts off pump before impeller is damaged.
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).

<b>FITTING</b>	1" (25mm) hose barb or 1/2" (13mm) NPT internal thread
<b>SIZE</b>	7-1/8" long x 4-3/4" wide x 3-5/8" high (18cm x 12cm x 9cm)
<b>WEIGHT</b>	6lb (2.7kg)

MODEL	DESCRIPTION
18220-1127	Reversing switch included
18220-2127	Reversing switch not included
18220-9127	Deutsch connector, no reversing switch
6303-0007	Replacement Impeller

For service and spare parts listing, see page 226.

## Ballast King



Utilizing our reversible flexible impeller pump technology, ballast systems can be filled or emptied with the new Ballast King – 15 GPM. Ballast systems fitted with our Reversing Polarity Switch can fill or empty ballast tanks with one pump in minutes.

- Includes run-dry impeller.
- 15 GPM (57 LPM) flow rate.
- Ballast King adds approximately 125 pounds of ballast water per minute.
- Reversible pump both fills and empties ballast tanks.
- Ballast King is self-priming to 4' (1.2m).
- Available with or without Reversing Polarity Switch to fill or empty ballast tanks.
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protected).

<b>FITTING</b>	1" (25mm) hose barb or 1/2" (13mm) NPT internal thread
<b>SIZE</b>	8" long x 4-3/4" wide x 4" high (20.5cm x 12cm x 10cm)
<b>WEIGHT</b>	7.5lb (3.4kg)

MODEL	DESCRIPTION
22610-9007	Reversing switch not included
22610-9507	Reversing switch included
22610-9407	Deutsch connector, no reversing switch
23095-0007	Replacement Impeller

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UTILITY PUMPS



## 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 10' (3m) total head.
- Replaceable brushes.
- Intermittent duty cycle.
- 6' (1.8m) power cord with grounded plug.



<b>FITTING</b>	3/8" (10mm) NPT internal thread
<b>SIZE</b>	6-7/8" long x 4" wide x 3-5/8" high (17.5cm x 10.2cm x 9.2cm)
<b>WEIGHT</b>	5lb (2.3kg)

MODEL	DESCRIPTION
12210-0001	115V AC, neoprene impeller (Non CE)
12210-0003	115V AC, 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 10' (3m) total head.
- Continuous duty motor with thermal overload protection.
- 8' (2.4m) power cord with grounded plug.
- Convenient carrying handle.



<b>FITTING</b>	1/2" (13mm) NPT internal thread, 1" (25mm) OD hose barb
<b>SIZE</b>	9" long x 5-5/8" wide x 7-5/16" high (22.9cm x 14.3cm x 18.6cm)
<b>WEIGHT</b>	12lb (5.4kg)

MODEL	DESCRIPTION
18610-0001	115V AC, neoprene impeller (Non CE)
18610-0003	115V AC, 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 10' (3m) total head.
- Continuous duty motor with thermal overload protection.
- 8' (2.4m) power cord with grounded plug.
- Convenient carrying handle.
- Available with open drip-proof or totally enclosed fan-cooled motor.



<b>FITTING</b>	1/2" (13mm) NPT internal thread, 3/4" (19mm) OD garden hose thread
<b>SIZE</b>	10-1/2" long x 7-1/4" wide x 7-3/4" high (26.7cm x 18.4cm x 19.7cm)
<b>WEIGHT</b>	Open Drip-Proof: 20lb (9.1kg) Totally Enclosed Fan-Cooled: 25lb (11.4kg)

MODEL	DESCRIPTION
11810-0003	115V AC, nitrile impeller, open drip-proof motor (Non CE)
11810-0011	115V AC, neoprene impeller, totally enclosed fan-cooled motor (Non CE)
11810-0013	115V AC, nitrile impeller, 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 10' (3m) total head.
- Continuous duty motor with thermal overload 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' (2.4m) power cord with grounded plug.
- Convenient carrying handle.



<b>FITTING</b>	NPT internal thread
<b>SIZE</b>	13" long x 8" wide x 8-5/8" high (22.9cm x 14.3cm x 18.6cm)
<b>WEIGHT</b>	35.5lb (16.1kg)

MODEL	DESCRIPTION
6050-0003	115V AC, nitrile impeller, open drip-proof motor (Non CE)
6050-0013	115V AC, nitrile impeller, totally enclosed fan-cooled motor (Non CE)
6056-0003	Replacement Nitrile Impeller



### WARNING

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

## 110 Volt Pump

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



MODEL	DESCRIPTION
A53S	Automatic, 1800 GPH (6814 LPH), 8' (2.4m) cord, garden hose and rigid pipe, #57 adapters
A53S-24	Automatic, 1800 GPH (6814 LPH), 24' (7.3m) cord, garden hose and rigid pipe, #57 adapters
A53D	1800 GPH (6814 LPH), 8' (2.4m) cord, garden hose and rigid pipe, #57 adapters