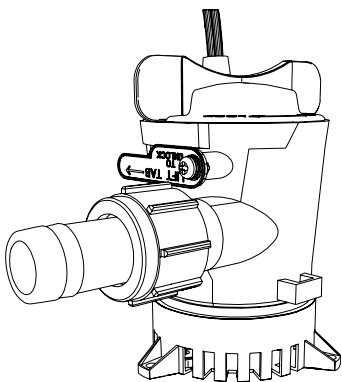




Heavy Duty Submersible Bilge Pumps



The SPX Johnson Pump Marine submersible pumps can handle most of the bilge pump applications. Heavy duty motors with stainless steel (SS2343) shaft and tough thermoplastic bodies provide for a long pump life. With an automatic switch installed, the pump automatically comes on when there is water in the bilge and shuts off when it is dry. Submersible bilge pumps are not self-priming and must be installed in the deepest part of the bilge.



CE marked according to following standards:

- EN55014: 1993/Radio disturbance
 ISO8846: Small Craft – Electrical devices
 – Protection against ignition of surrounding flammable gases
 ISO8849: Small craft – Electrically operated bilge pumps
 ISO10133: Small Craft – Electrical systems
 – Extra-low voltage DC installations

Heavy Duty Bilge Pump – 1600-4000 Series

Designed to meet and exceed the tough demands of commercial and recreational duty. This pump has a liquid cooled, 12-pole motor with double ball bearings for extended service life. The 2200 motor is sealed off by a mechanical seal design that eliminates shaft wear and allows for service and replacement, while the 1600 model has lipseal. The impeller is carefully designed and tested to maximize head and flow. The 4000 features a robust motor design, mechanical shaft seal, high impact ABS plastic and unique threaded port design. Universal base plate and a choice of 1.1/2" or 2" ports makes for a simple installation. Removable check valve included.



1600

Shaft SS2343
Wire size 1.3 mm² – 16 GA
Max Ø 108 mm – 4.25"
Max height 149 mm – 5.86"
Weight 1.3 kg – 2.75 lbs

2200

Shaft SS2343
Wire size 1.3 mm² – 16 GA
Max Ø 108 mm – 4.25"
Max height 177 mm – 7"
Weight 2.7 kg – 6 lbs

4000

Shaft SS2343
Wire size 2 mm² – 14 GA
Max Ø 121 mm – 4.8"
Max height 216 mm – 8.5"
Weight 2.45 kg – 5.4 lbs

Order No.	Description	Capacity 1.0 m head (13.6 V/27 V)	Capacity straight (13.6 V/27 V)	Amperage	Fuze Size	Connection
16004	1600 12 V	98 l/min – 1550 GPH	100 l/min – 1600 GPH	7 A	10 A	1.1/8" and 1.1/4"
16084	1600 24 V	98 l/min – 1550 GPH	100 l/min – 1600 GPH	3.5 A	6 A	1.1/8" and 1.1/4"
22004	2200 12 V	120 l/min – 1900 GPH	130 l/min – 2060 GPH	7.5 A	12 A	1.1/8" and 1.1/4"
22084	2200 24 V	120 l/min – 1900 GPH	130 l/min – 2060 GPH	4.5 A	6 A	1.1/8" and 1.1/4"
40004	4000 12 V	164 l/min – 2600 GPH	252 l/min – 4000 GPH	15 A	25 A	1.1/2" and 2"
40004-24	4000 24 V	164 l/min – 2600 GPH	252 l/min – 4000 GPH	7.5 A	15 A	1.1/2" and 2"

Cartridge Bilge Pumps 500-1250 Series

1000 GPH and 1250 GPH incorporate some of the most advanced features in the industry, features developed from service in a wide variety of uses including racing, cruising, sport fishing, and demanding commercial duties. For 500 GPH, 750 GPH, and 1000 GPH, we have improved the design with easy-to-install Dura-Port discharge ports to eliminate stress cracking caused by over-tightened hose clamps. The pumps are delivered including both a straight and a 90° smooth elbow Dura-Port as well as a removable check valve.



500 GPH – 1000 GPH

Max Ø 70 mm – 2.75"
Max height 112 mm – 4.4"
Weight 0.27 kg – 9.6 oz.

1250 GPH

Max Ø 70 mm – 2.75"
Max height 112 mm – 4.4"
Weight 0.32 kg – 10.4 oz.

Order No.	Description	Capacity 3 ft (0.9 m) head (13.6 V)	Capacity straight (13.6 V)	Amperage	Fuze Size	Connection
32503	500 GPH	33 l/min - 525 GPH	40 l/min - 630 GPH	2.5 A	5 A	3/4"
32703	750 GPH	44 l/min - 700 GPH	50 l/min - 800 GPH	3 A	5 A	3/4"
32903	1000 GPH	50 l/min - 800 GPH	63 l/min - 1000 GPH	3.2 A	5 A	3/4"
32903-24	1000 GPH	50 l/min - 800 GPH	63 l/min - 1000 GPH	2 A	3 A	3/4"
42123*	1250 GPH	60 l/min - 952 GPH	73 l/min - 1150 GPH	3 A	5 A	1.1/8"
42123-24*	1250 GPH	60 l/min - 952 GPH	73 l/min - 1150 GPH	2 A	3 A	1.1/8"

*) Do not include Dura-Port connection

Low Boy Bilge Pump

Low Profile pump design for ease of mounting and removal in tight bilge areas. Perfect for vessels with bilge pumps mounted beneath inboard or I/O engines. Removable cartridge style. For 750 GPH Low Boy Bilge pumps we have easy-to-install Dura-Port discharge ports to eliminate stress cracking caused by over-tightened hose clamps. The pumps will be delivered including both a straight and a 90° smooth elbow Dura-Port as well as a removable check valve.



Max length 146 mm – 5.75"
 Width 81 mm – 3.2"
 Height 72 mm – 2.82"
 Wire size 1.3 mm² – 16 GA

Order No.	Description	Capacity 3 ft (0.9 m) head (13.6 V)	Capacity straight (13.6 V)	Amperage	Fuze Size	Connection
33703	750 GPH Low Boy Bilge Pump, 12V	44 l/min - 700 GPH	50 l/min - 800 GPH	3 A	5 A	3/4"
33103	1250 GPH Low Boy Bilge Pump, 12V	60 l/min - 952 GPH	73 l/min - 1150 GPH	3 A	5 A	1.1/8"

Ultima Combo

Pump with automatic operation equipped with the Ultima switch. Voltage 12 V DC as well as 24 V DC for 1000 GPH UC and 1250 GPH UC. For 500 GPH UC - 1000 GPH UC, we have easy-to-install Dura-Port discharge ports to eliminate stress cracking caused by over-tightened hose clamps. The pumps will be delivered including both a straight and a 90° smooth elbow Dura-Port as well as a removable check valve.



500 UC – 1000 UC

Max Ø 100 mm – 3x4"
 Max height 112 mm – 4.4"
 Weight 0.4 kg – 14.4 oz.

1250 UC

Max Ø 70 mm – 2.75"
 Max height 112 mm – 4.4"
 Weight 0.45 kg – 16 oz.

Order No.	Description	Capacity 3 ft (0.9 m) head (13.6 V)	Capacity straight (13.6 V)	Amperage	Fuze Size	Connection
07503	500 GPH Ultima Combo, 12V	33 l/min - 525 GPH	40 l/min - 630 GPH	2.5 A	5 A	3/4"
07703	750 GPH Ultima Combo, 12V	44 l/min - 700 GPH	50 l/min - 800 GPH	3 A	5 A	3/4"
07903	1000 GPH Ultima Combo, 12V	50 l/min - 800 GPH	63 l/min - 1000 GPH	3.2 A	5 A	3/4"
07904-24	1000 GPH Ultima Combo, 24V	50 l/min - 800 GPH	63 l/min - 1000 GPH	2 A	3 A	3/4"
08203*	1250 GPH Ultima Combo, 12V	60 l/min - 952 GPH	73 l/min - 1150 GPH	3 A	5 A	1.1/8"
08204-24*	1250 GPH Ultima Combo, 24V	60 l/min - 952 GPH	73 l/min - 1150 GPH	2 A	3 A	1.1/8"

*) Do not include Dura-Port connection

Ultima Bilge Pump

Sleek, reliable and compact unit with integrated switch ready to install and run for years and years of unerring service. Available in 600-800-1000-1250 GPH versions. Voltage 12 V DC. For UltimaBilge™ 600 GPH- 1000 GPH, we have easy-to-install Dura-Port discharge ports to eliminate stress cracking caused by over-tightened hose clamps. The pumps are delivered including both a straight and a 90° smooth elbow Dura-Port and a removable check valve.



600, 800 & 1000 GPH

Length 142 mm – 6"
 Width 82 mm – 3.2"
 Height 105 mm – 4.1"
 Weight 0.66 kg – 23.3 oz.

1250 GPH

Length 142 mm – 6"
 Width 82 mm – 3.2"
 Height 117 mm – 4.6"
 Weight 0.66 kg – 23.3 oz.

Order No.	Description	Capacity 3 ft (0.9 m) head (13.6 V)	Capacity straight (13.6 V)	Amperage	Fuze Size	Connection
32-47258-003	600 GPH, 12 V	32 l/min - 500 GPH	38 l/min - 600 GPH	2.5 A	5 A	3/4"
32-47259-003	800 GPH, 12 V	38 l/min - 600 GPH	51 l/min - 800 GPH	3 A	5 A	3/4"
32-47260-003	1000 GPH, 12 V	44 l/min - 700 GPH	64 l/min - 1000 GPH	3.2 A	5 A	3/4"
32-47261-002	1250 GPH, 12 V	51 l/min - 800 GPH	79 l/min - 1250 GPH	3 A	5 A	1.1/8" and 1.1/4"

Multiple Port Shower Sump

This compact shower sump system is designed to meet the higher demands from today's boating industry where more and more equipment is used. This also includes the fresh water system onboard and involves showers, dish-washing machines, galley sinks, etc. The shower sump turns on/off automatically using our Ultima switch technology and has multiple inlet ports for handling waste water from more than one tapping point. The check valve on the outlet stops water from flowing back into the tank. The tank has a tight-fitting lid to minimize splashing and odors. To further aid in cleaning, the system includes an easily removable mesh filter.



LxW 290x210 mm – 11.42x8.26"
 Max height 145 mm – 5.7"
 Weight 0.9 kg – 2 lbs

Order No.	Description	Capacity 1.0 m head (13.6 V/27 V)	Capacity straight (13.6 V/27 V)	Amperage	Fuze Size	Intake connection	Discharge connection
57151	Multiple Port Shower Sump, 12V	53 l/min - 844 GPH	61 l/min - 972 GPH	3.4 A	5 A	1x3/4", 1x3/4" or 1x1"	3/4"
57151-24	Multiple Port Shower Sump, 24V	53 l/min - 844 GPH	61 l/min - 972 GPH	2 A	3 A	1x1.1/8" or 1x1 1/2"	3/4"
54304	Clear Sump Cover						

Bilge Mate

A low budget alternative designed for long life and high performance capacity. The low cost choice for boat owners who still look for quality.

Max Ø 115 mm – 4.5"
 Max height 100 mm – 4"
 Weight 0.35 kg – 12 oz.



Order No.	Description	Capacity straight (13.6 V/27 V)	Amperage	Fuze Size	Connection
21405	Bilge Mate, 12V	30 l/min - 400 GPH	2 A	3 A	3/4"

Viking Thrudeck and Bulkhead

When the power is out you can always depend on the hand operated diaphragm bilge pump. The Viking pump can also be used for pumping toilet waste due to the large valve openings. The pump is available in two models for various installation alternatives. It can be mounted behind walls, through deck and under bulkheads.

Viking Thrudeck for installation behind vertical wall or under deck with sealing boot, complete with a cover plate. Viking Bulkhead for surface installation with horizontal lever.



Capacity data
(At 1 m/3.28" suction height : 0.9 l/stroke)

60 strokes/min	54 l/min / 14.5 GPM
80 strokes/min	72 l/min / 19 GPM
100 strokes/min	90 l/min/ 24 GPM

Max suction height 4 m/13 ft

Diameter	164 mm/6.45"
Handle length	285 mm/11.22"
Width	253 mm/9.96"
Height	133 mm/5.23"
Weight	2 kg/ 4.5 lbs

Order No.	Description
70-50005	Thrudeck 1.1/2"
70-50025	Thrudeck 1"
70-50007	Bulkhead 1.1/2"
70-50027	Bulkhead 1"

Bilge Alert™

High water alarm featuring digital technology using the patented Mirus field effect cell. Totally sealed fluid detector are never in contact with water, will not corrode and are not affected by oil or debris. Bilge Alert detects water and sends a signal (8 seconds delay) to the alarm and switch conveniently mounted on a panel. Three way rocker switch allows alarm to be tested, turned off and armed.



Order No.	Description
72303-001	Bilge Alert, High Water Alarm, 12V
72303-002	Bilge Alert, High Water Alarm, 24V

Automatic Switch AS888

For full automatic bilge pumping operation, connect the automatic switch to your bilge pump. The AS888 automatic switch has a time-proven micro switch without mercury. When water exceeds the acceptable level, the pump is turned on by a rolling steel ball, which changes the pressure on the micro switch. The AS888 attaches to any SPX Johnson Pump Marine bilge pump through the clip on "T-slot" and can be used with 6, 12, 24 or 32 V systems. Use AS888 for a better and safer life afloat!

Order No.	Description	Max Amp.
26014	Automatic Switch AS888	15 A



Ultima Switch™

Digital technology uses the patented Mirus field effect detector cells producing micro-electrical fields that detect disruptions caused by water and fluids. Detector cells are totally sealed and are never in contact with the water, will not corrode and are not affected by oil or foreign debris. No moving parts, totally sealed solid state electronics and field detectors, no mercury and no exposed sensors eliminate corrosion possibilities and makes the Ultima switch environmentally sensitive. Ultima activates at a 50 mm (2") fluid level and deactivates at a 20 mm (¾") fluid level. A 3 second delay prevents false starts. Ultima switch is rated to handle pumps up to 20 amps at 12 or 24 volts.

Order No.	Description	Max Amp.
36303	Ultima Switch, 12/24V	20 A



Bilge Pump Control

Switch panel that gives full control of your equipment. Just push the button for manual or automatic bilge pumping. The automatic feature operates in combination with the automatic bilge switches or the electronic float switch. The three-position switch panel in matt black finish has an integrated fuse holder and operating light. Fuses included.

Size: 73 mm/2.99" x 60 mm/2.17", 40 mm/ 1.57" depth.

Order No.	Description
82004	Bilge Pump Control, 12V
82004-24	Bilge Pump Control, 24V



Side Mount Bracket

Gives opportunity to mount the pump on a wall. Suitable for Cartridge and Cartridge Duo.

Order No.	Description
10605	90° Side Mount Bracket
54311	110° Angled Side Bracket



Spare Motor for Cartridge

Upgrade the output of your bilge pump in a matter of a few minutes by replacing the cartridge. Cleaning debris from the impeller has never been simpler or easier.

Order No.	Description
28552	Motor for 500 GPH pumps
28572	Motor for 750 GPH pumps
28512	Motor for 1000 GPH pumps
42522	Motor for 1250 GPH pumps

