

# SPXFLOW

## HEAVY DUTY BILGE PUMPS

FEATURES	BENEFITS	COMPETITIVE ADVANTAGES
Tall Stack Heavy Duty Motor 12 Pole Motor	Less Wear and Tear on Rotor	Better Cooling by Routing of Bilge Water
Hermetically Welded Motor Assembly With Double Ball Bearing Design	Assured Waterproof and Tightness	Less Noise and Vibration
Angled Discharge	Better Rotor Support with less Rotor Deflation	Less Amp Draw
Threaded Ports Included	Reduced Discharge Resistance	Less Cracking of Housing
External Hose Barb Attachment	No Need to Size Up or Down for Hose Connection	Check Valve Included
Check Valve	Separate Hose Barb Eliminates Cracking of the Housing due to Overtightening Hose Connection	Easy Installation and Increased Longevity
3/16th" Stainless Steel Shaft	Included Check Valve Reduces Cycling from Water Back Flow	Longer Wire Makes For Easier Installation
Mechanical Seal	Less Prone to Scoring and Shaft Damage Providing Longer Longevity	
Molded T-Bracket for Easy Installation with Switches	2200 Fits Competitors Base for Easy Replacement	
Assembled in the USA – Rockford, IL	Saltwater Tested – Saltwater Tough	



**1600 GPH**



**2200 GPH**



**4000 GPH**

### AVAILABLE SIZES

#### Non-Automatic

1600 GPH 12V & 24V

2200 GPH 12V & 24V

4000 GPH 12V & 24V

#### Automatic

1600 GPH 12V & 24V

2200 GPH 12V & 24V

**Johnson Pump®**

## TECHNICAL SPECIFICATIONS

### Heavy Duty Bilge Pump Non-Automatic

PART NUMBER	DESCRIPTION	CAPACITY 3 FT (0.9 M) HEAD (13.6V/27.2V)	CAPACITY STRAIGHT (13.6V/27.2V)	AMP	FUSE SIZE	HOSE CONN.
16004-00	Heavy Duty Bilge Pump 1600 GPH, 12V	98 l/min - 1550 GPH	100 l/min - 1600 GPH	7 A	10 A	1 1/8" & 1 1/4"
16084-00	Heavy Duty Bilge Pump 1600 GPH, 24V	98 l/min - 1550 GPH	100 l/min - 1600 GPH	3.5 A	6 A	1 1/8" & 1 1/4"
22004	Heavy Duty Bilge Pump 2200 GPH, 12V	120 l/min - 1900 GPH	130 l/min - 2060 GPH	7.5 A	12 A	1 1/8" & 1 1/4"
22084	Heavy Duty Bilge Pump 2200 GPH, 24V	120 l/min - 1900 GPH	130 l/min - 2060 GPH	4.5 A	6 A	1 1/8" & 1 1/4"
40004	Heavy Duty Bilge Pump 4000 GPH, 12V	164 l/min - 2600 GPH	252 l/min - 4000 GPH	15 A	25 A	1 1/2" & 2"
40084	Heavy Duty Bilge Pump 4000 GPH, 24V	164 l/min - 2600 GPH	252 l/min - 4000 GPH	7.5 A	15 A	1 1/2" & 2"



### Pump Dimensions and General Information

PUMP SIZE	SHAFT	WIRE SIZE	WIRE LENGTH	MAX Ø	MAX HEIGHT	WEIGHT
1600 GPH	SS2343	16 GA	6 ft	4.25"	5.86"	2.75 lbs
2200 GPH	SS2343	16 GA	6 ft	4.25"	7.0"	4.96 lbs
4000 GPH	SS2343	14 GA	6 ft	4.8"	8.5"	5.40 lbs

### Heavy Duty Bilge Pump Automatic

PART NUMBER	DESCRIPTION	TYPE OF SWITCH
01604-00	Heavy Duty Bilge Pump 1600 GPH, Combo 12V	Electro-Magnetic Switch
01604-002	Heavy Duty Bilge Pump 1600 GPH, Combo 24V	Electro-Magnetic Switch
01674-001	Heavy Duty Bilge Pump 1600 GPH, Ultima 12V	Ultima Switch
01674-002	Heavy Duty Bilge Pump 1600 GPH, Ultima 24V	Ultima Switch
02204-00	Heavy Duty Bilge Pump 2200 GPH, Combo 12V	Electro-Magnetic Switch
02204-002	Heavy Duty Bilge Pump 2200 GPH, Combo 24V	Electro-Magnetic Switch
02274-001	Heavy Duty Bilge Pump 2200 GPH, Ultima 12V	Ultima Switch
02274-002	Heavy Duty Bilge Pump 2200 GPH, Ultima 24V	Ultima Switch



Based in Charlotte, North Carolina, SPX FLOW, Inc. (NYSE: FLOW) is a multi-industry manufacturing leader.

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# SPXFLOW

## DC MOTOR FLEXIBLE IMPELLER PUMPS

FEATURES	BENEFITS	COMPETITIVE ADVANTAGES
Oil Change Pump Reversible	Durable Materials Promotes Longer Life and Reliability	Longer Life
Oil Resistant Impeller	Run Dry Protection Shuts Pump Down	Less Maintenance with Johnson Pump Quality Impellers
Thermal Overload (Run Dry) Motor Protection	Multitude of Uses Such As Bilge Water Pump, Deckwash, Oil/Diesel Refuel, Oil Change	
Johnson Pump Top Quality Impellers		
Continuous Operation		
Self Priming		
1 Year Warranty		



**F2P10-19**



**F3B-19**



**F4B-19**



**F5B-19**

### AVAILABLE SIZES

4.0 GPM Utility 12V & 24V  
5.5 GPM Utility 12V & 24V  
5.5 GPM Oil Change Reversible 12V & 24V  
9.0 GPM Utility 12V & 24V  
12.5 GPM Utility 12V & 24V  
14.5 GPM Utility 12V & 24V

**Johnson Pump®**

## TECHNICAL SPECIFICATIONS

### DC Motor Flexible Impeller Pumps

PART NUMBER	DESCRIPTION	CAPACITY	BODY	IMPELLER	SEAL	CONNECTION	LENGTH	WIDTH	HEIGHT	WEIGHT
10-24886-01	F2P10-19, 12V	15 l/min - 4 GPM	PA	09-1077B-9	Lip Seal	1/2" Hose	6.8" (172 mm)	4.6" (117 mm)	3.07" (78 mm)	3.5 lbs (1.6 kg)
10-24886-02	F2P10-19, 24V									
10-24516-03	F3B-19, 12V	21 l/min - 5.5 GPM	Bronze	09-843S-9	Lip Seal	3/8" NPT	6.7" (170 mm)	4.4" (113 mm)	3.22" (82 mm)	4.5 lbs (2 kg)
10-24516-04	F3B-19, 24V									
10-24760-03	F3B-19 Oil Change, 12V	21 l/min - 5.5 GPM	Bronze	09-843S-9	Lip Seal	3/8" NPT	6.7" (170 mm)	4.4" (113 mm)	4.5" (2 kg)	4.5 lbs (2.1 kg)
10-24760-04	F3B-19 Oil Change, 24V									
10-24727-03	F38B-19, 12V	35 l/min - 9 GPM	Bronze	09-824P-9	Lip Seal	Hose 1" / 1/2" NPT	7" (180 mm)	4.72" (120 mm)	3.54" (90 mm)	6.6 lbs (3 kg)
10-24727-04	F38B-19, 24V									
10-24689-03	F4B-19, 12V	48 l/min - 12.5 GPM	Bronze	09-824P-9	Lip Seal	Hose 1" / 1/2" NPT	8" (202 mm)	4.72" (120 mm)	3.54" (90 mm)	6.6 lbs (3 kg)
10-24689-04	F4B-19, 24V									
10-24188-4	F5B-1907, 12V	55 l/min - 14.5 GPM	Bronze	09-1027B-9	Mechanical Seal	3/4" NPT	10.15" (258 mm)	5.15" (131 mm)	4.72" (120 mm)	17.5 lbs (8 kg)
10-24188-5	F5B-1907, 24V									



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# Johnson Pump®

AN SPXFLOW BRAND

## Talulah 13.5 GPM Ballast Pump

Part # 10-24690-18

### Specifications

Talulah Impeller Kit	09-824P-2
Flow	13.5 GPM
Voltage	13.6VDC
Connection	External 1" standard hose Internal 1/2" NPT (female)
Minimum Hose Size	1" (Ø25.4 mm)
Standards	Meets ISO 8846 & SAE J1171
Degree of Protection	IP 54
Wire Size	Min. 12 AWG
Fuse Size	25A
Amp Draw @ Pumping	14A
Amp Draw @ Reversal	Up to 18A

**HIGH PERFORMANCE,  
SMALLER PACKAGE.**



- Built in Thermal Overload Protection with automatic reset upon cooling
- Ideal for system with tank monitoring for overflow and protection against dry-run while emptying
- Retrofit Ready for existing wake and watersport boats with approved electrical and plumbing specifications
- Improved impeller compounds designed for short duration \*dry-run events to keep you on the water longer
- High Performance and High Output for intermittent duty cycles
- Professional installation recommended (Acc. to ISO 10133)
- Best used with fully charged battery banks and alternators running

**\*Dry-Run;**

Definition: when the pump runs out of water, still moistened with residual water or lubricated with Johnson Pump Impeller Lube. Maximum dry-run condition of 30 seconds without harming impeller.

Johnson Pump®

RELIABILITY ON BOARD  
- SINCE 1968 -

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For more information please contact your Sales Representative at 954.845.0411 or [reps@haimescolemangrp.com](mailto:reps@haimescolemangrp.com)

# Johnson Pump®

AN SPXFLOW BRAND

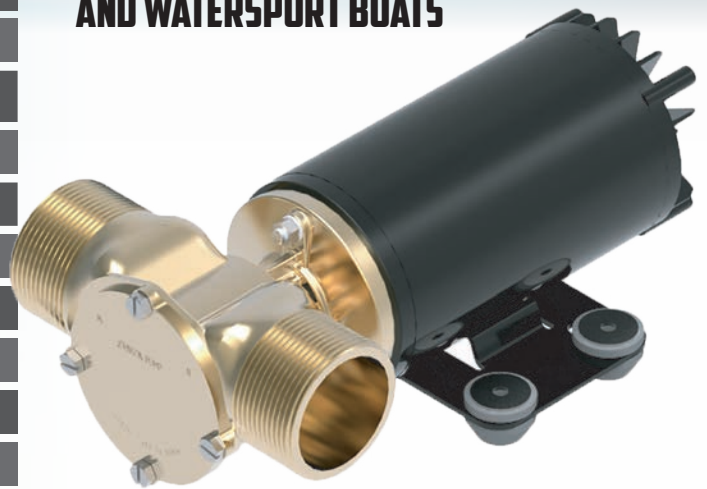
## Talulah HF 30 GPM Ballast Pump

Part # 10-24939-18

### Specifications

Talulah Impeller Kit	09-849P-2
Flow	30 GPM (1ft lift) 1 1/2" Hose
Voltage	13.6VDC
Connection	External 1 1/2" NPTF
Minimum Hose Size	1 1/2" (Ø38 mm)
Standards	Meets ISO 8846 & SAE J1171
Degree of Protection	IP 54
Wire Size	Min. 12 AWG
Fuse Size	50A
Amp Draw @ Pumping	25A
Amp Draw @ Reversal	Up to 45A

**THE DEFINING HIGH PERFORMANCE  
BALLAST PUMP FOR TODAY'S WAKE  
AND WATERSPORT BOATS**



- Built in Thermal Overload Protection with automatic reset upon cooling
- Ideal for system with tank monitoring for overfill and protection against dry-run while emptying
- Retrofit Ready for existing wake and watersport boats with approved electrical and plumbing specifications
- Improved impeller compounds designed for short duration \*dry-run events to keep you on the water longer
- High Performance and High Output for intermittent duty cycles
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Definition: when the pump runs out of water, still moistened with residual water or lubricated with Johnson Pump Impeller Lube. Maximum dry-run condition of 30 seconds without harming impeller.

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# SPXFLOW

## CARTRIDGE BILGE PUMPS

FEATURES	BENEFITS	COMPETITIVE ADVANTAGES
Body Design Commonality	Common Body Allows Interchangeable Motor Cartridge Replacement to the Same or Different Size	Upgradable Cartridge Motors
Removable Motor Cartridge	Easy to Clean and Maintain or Replace Without Disengaging Hoses or Removing Pump Entirely	Dura Port Discharge Ports Allow for Multi-Directional Hose Routing and Eliminate Stress Cracking
Available in Non-Automatic or Automatic	Included Check Valve Reduces Cycling from Water Back Flow	Check Valve Included
Straight or 90-Degree Dura Port Discharge Ports	Low Boy Model Offers Installation in Tight, Low Profile Spaces	Allows Remote Location of Switch
Molded T-Slot for Easy Installation with Switches	Saltwater Tested – Saltwater Tough	Easy Installation and Increased Longevity
Low Boy Design Available		
Check Valve		
Assembled in the USA – Rockford, IL		



**500 GPH Cartridge**  
Non-Automatic Submersible Bilge Pump



**750 GPH Low Boy**  
Non-Automatic Submersible Bilge Pump



**Cartridge Motor Replacement**

### AVAILABLE SIZES

500 GPH 12V**	1250 GPH 12V**	500 GPH Low Boy 12V
750 GPH 12V**	1250 GPH 24V*	750 GPH Low Boy 12V
1000 GPH 12V**		1000 GPH Low Boy 12V
1000 GPH 24V*		1250 GPH Low Boy 12V

\*\* Automatic available with Ultima Switch or Electro-Magnetic Switch  
\* Automatic available with Ultima Switch only

**Johnson Pump®**

## AERATORS & LIVEWELL PUMPS

FEATURES	BENEFITS	COMPETITIVE ADVANTAGES
Body Design Commonality	Common Body Allows Interchangeable Motor Cartridge Replacement to the Same or Different Size	Removable & Upgradable Cartridge Motors
Removable Motor Cartridge	Easy to Clean and Maintain	Dura Port Discharge Ports Allow for Multi-Directional Hose Routing and Eliminate Stress Cracking
Straight or 90-Degree Dura Port Discharge Ports	Inlet for both Livewell and Wash Down	Fits in Small Spaces Allowing Change or Maintenance
Small Profile	Heavy Duty Bronze Base (1600 GPH Pro Series)	Easy Installation and Increased Longevity
Twin Port Available	Saltwater Tested – Saltwater Tough	
Livewell & Wash Down Kit Package Available		
Assembled in the USA – Rockford IL		



**Cartridge Aerator Straight and 90°**



**500 GPH Twin Port**



**1600 GPH Pro Series**

### Available Sizes

500 GPH 12V Straight and 90°  
 750 GPH 12V Straight and 90°  
 1000 GPH 12V Straight and 90°  
 1250 GPH 12V Straight and 90°  
 1600 GPH 12V & 24V Pro Series



## BILGE PUMP SWITCHES

FEATURES	BENEFITS	COMPETITIVE ADVANTAGES
Fully Submersible	Environmentally Safe	Most Environmentally Friendly
Mercury Free	Proven Mechanical Technology – Automatic Float Switch	No Failure Due To Water Intrusion or Debris
Thermoplastic Housings	Ultima Switch: Components Never In Contact With Water or Debris	Interchangeable With Other Brands
T-slot For Simple Attachment To Any Johnson Pump	Electro-Magnetic & Ultima Switch: Completely Sealed	Easy Installation and Scalable Voltage Systems
12 & 24 V Operation	Automatic Float Switch & Electro-Magnetic: Can Be Used With Other Bilge Pump Brands	
Assembled in the USA – Rockford, IL	Saltwater Tested – Saltwater Tough	

### ADDITIONAL FEATURES

#### Ultima Switch

- Mirus Field Effect Technology
- No moving parts
- Completely Sealed
- Solid State Design

#### Electro-Magnetic Switch

- Compact Mechanical Design
- Completely Sealed
- Solid State Controls

#### Automatic Float Switch AS888

- Manual Steel Ball
- Can operate with 6 & 32 V systems, in addition to 12 & 24 V



# SPXFLOW

## MACERATOR

FEATURES	BENEFITS	COMPETITIVE ADVANTAGES
Thermoplastic Polyester Rotary Cutter Casing	No Rust Rotary Cutter	Rotary Cutter Corrosion-Free
Bronze Chopping Blade	Protected Against Ignition of Flammable Gases	Easy Installation With Any Position Mount Capability
ISO 8846 Ignition Protected Motor	Easy Installation	Short Run Dry Periods Without Damage
Easy Mount Bracket	Long Impeller Life	Less Maintenance
Johnson Pump Quality Impeller		
Assembled in the USA – Rockford, IL		



**TA3P10-19**  
Macerator Pump

### AVAILABLE SIZES

**Non-Automatic**  
10 GPM – 12V  
10 GPM – 24V

**Johnson Pump®**

## TECHNICAL SPECIFICATIONS

PART NUMBER	DESCRIPTION	CAPACITY AT 0.2 BAR (6.7 FT)	INLET CONNECTION	AMPERAGE	FUSE SIZE	OUTLET CONNECTION
10-24453-01	TA3P10-19 12V Macerator	37 l/min - 10 GPM	1 1/2" (Ø 38 mm) hose or 1 1/2" NPT	15 A	20 A	1" (25.4 mm) hose
10-24453-02	TA3P10-19 24V Macerator	37 l/min - 10 GPM	1 1/2" (Ø 38 mm) hose or 1 1/2" NPT	7 A	12 A	1" (25.4 mm) hose

GENERAL INFORMATION		DIMENSIONS	
<b>MOTOR</b>	12/24V DC (with build-in thermal protection)	<b>LENGTH</b>	9.06" (230 mm)
<b>BODY</b>	Phenol Plastic (PF)	<b>WIDTH</b>	4.25" (108 mm)
<b>IMPELLER</b>	Nitrile 09-1052S-9	<b>HEIGHT</b>	3.23" (82 mm)
<b>HOUSING</b>	Thermoplastic Polyester (PET)	<b>WEIGHT</b>	4.2 lbs (1.9 kg)
<b>SHAFT</b>	Stainless Steel		
<b>SEAL</b>	Lip Seal		



**TA3P10-19**  
Macerator Pump

### Spare Parts

PART NUMBER	DESCRIPTION
09-45595	Rebuild Kit

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## TECHNICAL SPECIFICATIONS

### Ultima Switch - Electronic Automatic Switch

PART NUMBER	DESCRIPTION	MAX AMP	LENGTH	WIDTH	HEIGHT
36303	Ultima Switch™ Electronic Automatic Switch 12/24V	20 A	3.35"	1.13"	2.45"
54239	Base, for Ultima Switch™				



- Uses patented Mirus field effect detector cells producing micro-electrical fields that detect disruptions caused by water and fluids
- Detector cells are totally sealed and never in contact with the water
- Will not corrode and is not affected by oil or foreign debris
- No moving parts
- Ultima Switch activates at 2" fluid level and deactivates at ¾" fluid level
- Three second delay prevents false starts
- Rated to handle pumps up to 20A at 12V or 24V

### Electro-Magnetic Switch - Automatic Float Switch

PART NUMBER	DESCRIPTION	MAX AMP	LENGTH	WIDTH	HEIGHT
36152	Electro-Magnetic Float Switch, 12V	15 A	3.0"	1.75"	3.25"
36252	Electro-Magnetic Float Switch, 24V	8 A	3.0"	1.75"	3.25"



- Compact mechanical design
- High impact plastic and fully encapsulated electronics
- Switch activates at 2" water level and deactivates at ¾"

### AS888 - Automatic Float Switch

PART NUMBER	DESCRIPTION	MAX AMP	LENGTH	WIDTH	HEIGHT
26014	AS888 Automatic Float Switch	15 A	4.0"	3.0"	2.0"



- Simple, reliable, cost effective float switch
- Can be used with 6, 12, 24 or 32 V systems

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## TECHNICAL SPECIFICATIONS

### Cartridge Aerator Pump Straight and 90°

PART NUMBER	DESCRIPTION	CAPACITY 3 FT (0.9 M) HEAD (13.6V)	CAPACITY STRAIGHT (13.6V)	AMP	FUSE SIZE	HOSE CONN.
28503	Cartridge Aerator Pump 500 GPH 12V Straight	33 l/min - 525 GPH	40 l/min - 630 GPH	2.5 A	5 A	3/4"
38503	Cartridge Aerator Pump 500 GPH 12V 90°	33 l/min - 525 GPH	40 l/min - 630 GPH	2.5 A	5 A	3/4"
28703	Cartridge Aerator Pump 750 GPH 12V Straight	44 l/min - 700 GPH	50 l/min - 800 GPH	3 A	5 A	3/4"
38703	Cartridge Aerator Pump 750 GPH 12V 90°	44 l/min - 700 GPH	50 l/min - 800 GPH	3 A	5 A	3/4"
28103-00	Cartridge Aerator Pump 1000 GPH 12V Straight	50 l/min - 800 GPH	63 l/min - 1000 GPH	3.2 A	5 A	3/4"
38103	Cartridge Aerator Pump 1000 GPH 12V 90°	50 l/min - 800 GPH	63 l/min - 1000 GPH	3.2 A	5 A	3/4"
28123*	Cartridge Aerator Pump 1250 GPH 12V Straight	60 l/min - 952 GPH	73 l/min - 1150 GPH	3 A	5 A	1 1/8"
38123*	Cartridge Aerator Pump 1250 GPH 12V 90°	60 l/min - 952 GPH	73 l/min - 1150 GPH	3 A	5 A	1 1/8"



<b>BODY</b>	Thermoplastic
<b>SHAFT SEAL</b>	Lip seal
<b>MOTOR</b>	Shaft Stainless steel
<b>WIRE SIZE</b>	16 GA (1.3mm <sup>2</sup> )

MODEL	WEIGHT
<b>500 GPH - 1000 GPH</b>	0.27 kg - 9.6 oz.
<b>1250 GPH</b>	0.32 kg - 10.4 oz.

### Twin Port Aerator Pump

PART NUMBER	DESCRIPTION	CAPACITY 3 FT (0.9 M) HEAD (13.6V)	CAPACITY STRAIGHT (13.6V)	AMP	FUSE SIZE	HOSE CONN.
48503	Twin Port Aerator Pump 500 GPH 12V	33 l/min - 525 GPH	40 l/min - 630 GPH	2.5 A	5 A	3/4"
48703	Twin Port Aerator Pump 750 GPH 12V	44 l/min - 700 GPH	50 l/min - 800 GPH	3 A	5 A	3/4"
48903	Twin Port Aerator Pump 1000 GPH 12V	50 l/min - 800 GPH	63 l/min - 1000 GPH	3.2 A	5 A	3/4"
48103*	Twin Port Aerator Pump 1250 GPH 12V	60 l/min - 952 GPH	73 l/min - 1150 GPH	3 A	5 A	1 1/8"

Twin Port Aerator Pump offers the convenience of using only one intake for both the livewell and wash down pump



#### Includes:

- 1/2" NPT attached
- 1/2" NPT x 3/4" NPTM adapter
- 3/4" hose barb with nut and washer
- 3/4" 90° hose barb

3/4" - 14 NPT  
1/2" - 14 NPT  
Inner Ø: 0.671"  
Outer Ø: 1.02"

\*1 1/8" discharge to livewell. Does not include Dura Port.

### Pro Series Livewell/Baitwell Aerator Pump

PART NUMBER	DESCRIPTION	CAPACITY 3 FT (0.9 M) HEAD (13.6V/27.2V)	CAPACITY STRAIGHT (13.6V/27.2V)	AMP	FUSE SIZE	HOSE CONN.
16004B	Pro Series Aerator Pump 1600 GPH 12V	1500 GPH	1600 GPH	7 A	10 A	1 1/8" & 1 1/4"
16004B-24	Pro Series Aerator Pump 1600 GPH 24V	1500 GPH	1600 GPH	3.5 A	6 A	1 1/8" & 1 1/4"

Designed to simply install into any valve fitting with 1" NPT Male threads.



#### Spare Parts Part No.

- 10606-0** 1 1/8" Threaded Discharge Port 1600 GPH
- 10607-0** 1 1/4" Threaded Discharge Port 1600 GPH

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## TECHNICAL SPECIFICATIONS

### Cartridge & Low Boy Non-Automatic Submersible Bilge Pumps

PART NUMBER	DESCRIPTION	CAPACITY 3 FT (0.9 M) HEAD (13.6V/27.2V)	CAPACITY STRAIGHT (13.6V/27.2V)	AMP	FUSE SIZE	HOSE CONN.
32503	Cartridge Bilge Pump 500 GPH 12V	33 l/min - 525 GPH	40 l/min - 630 GPH	2.5 A	5 A	3/4"
32703	Cartridge Bilge Pump 750 GPH 12V	44 l/min - 700 GPH	50 l/min - 800 GPH	3 A	5 A	3/4"
32903	Cartridge Bilge Pump 1000 GPH 12V	50 l/min - 800 GPH	63 l/min - 1000 GPH	3.2 A	5 A	3/4"
32903-24V	Cartridge Bilge Pump 1000 GPH 24V	50 l/min - 800 GPH	63 l/min - 1000 GPH	2 A	3 A	3/4"
42123*	Cartridge Bilge Pump 1250 GPH 12V	60 l/min - 952 GPH	73 l/min - 1150 GPH	3 A	5 A	1 1/8"
42123-24*	Cartridge Bilge Pump 1250 GPH 24V	60 l/min - 952 GPH	73 l/min - 1150 GPH	2 A	3 A	1 1/8"
33503	Low Boy Bilge Pump 500 GPH 12V	33 l/min - 525 GPH	40 l/min - 630 GPH	2.5 A	5 A	3/4"
33703	Low Boy Bilge Pump 750 GPH 12V	44 l/min - 700 GPH	50 l/min - 800 GPH	3 A	5 A	3/4"
33903	Low Boy Bilge Pump 1000 GPH 12V	50 l/min - 800 GPH	63 l/min - 1000 GPH	3.2 A	5 A	3/4"
33103*	Low Boy Bilge Pump 1250 GPH 12V	60 l/min - 952 GPH	73 l/min - 1150 GPH	3 A	5 A	1 1/8"

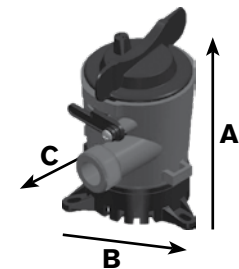
\* Does not include Dura Port connection

PUMP SIZE	HEIGHT (A)	LENGTH (B)	WIDTH (C)	WEIGHT
500 - 1000 GPH	4.41"	3.46"	3.15"	9.6 oz
1250 GPH	4.41"	3.46"	3.15"	10.4 oz
500-1000 GPH Low Boy	2.88"	6.13"	3.75"	9.6 oz
1250 GPH Low Boy	2.88"	6.13"	3.75"	10.4 oz



#### STANDARD FEATURES ON ALL CARTRIDGE BILGE PUMPS

<b>BODY</b>	Thermoplastic
<b>SHAFT</b>	Stainless steel
<b>SHAFT SEAL</b>	Lip Seal
<b>WIRE SIZE</b>	16 GA



### Ultima Combo & Cartridge Combo Automatic Submersible Bilge Pumps

PART NUMBER	DESCRIPTION	TYPE OF SWITCH
07503-00	Ultima Combo 500 GPH 12V	Ultima Switch
07703-00	Ultima Combo 750 GPH 12V	Ultima Switch
07903-00	Ultima Combo 1000 GPH 12V	Ultima Switch
07904-24VRCE	Ultima Combo 1000 GPH 24V	Ultima Switch
08203-00*	Ultima Combo 1250 GPH 12V	Ultima Switch
08203-24*	Ultima Combo 1250 GPH 24V	Ultima Switch
05503-00	Cartridge Combo 500 GPH 12V	Electro-Magnetic Switch
05703-00	Cartridge Combo 750 GPH 12V	Electro-Magnetic Switch
05903-00	Cartridge Combo 1000 GPH 12V	Electro-Magnetic Switch
06203-00*	Cartridge Combo 1250 GPH 12V	Electro-Magnetic Switch

\* Does not include Dura-Port connection



#### Cartridge Motor - Replacement Pump

PART NUMBER	DESCRIPTION
28552	Cartridge Motor 500 GPH 12V
28572	Cartridge Motor 750 GPH 12V
28512	Cartridge Motor 1000 GPH 12V
JP-42522	Cartridge Motor 1250 GPH 12V



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## IMPELLERS

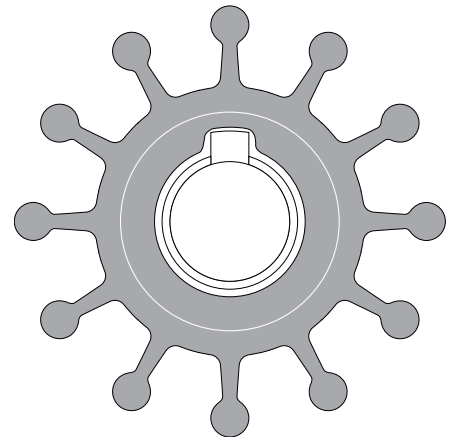
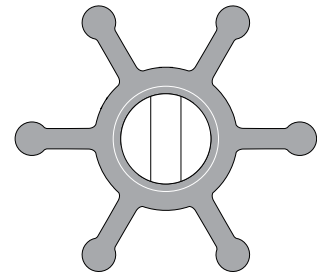
FEATURES	BENEFITS	COMPETITIVE ADVANTAGES
MC97 Rubber Compound Available	Correct Cooling at Engine Start Up and Continued Running	Exact OEM Required Dimensions
Strict Tolerance Manufacturing	Stable Pressure	Longest Use Resulting in Minimum Maintenance Costs
Designed To Provide Maximum Engine Performance	Less Material Failure and Swelling	Best Engine Cooling Impeller
Used By Leading Engine Manufacturers As Original Equipment	Exact Dimensions	Least Wear of Blades
	Longer Impeller Life	Broadest Offering In Marine Market Space (Not One Size Fits Many Approach)



**09-801B**



**09-824P-2 (09-824P-1EZ)**



### AVAILABLE SIZES

Outer Dia ranges from 1.29" to 3.74"  
 Width ranges from 0.50" to 3.48"  
 See back page for available configurations

## TECHNICAL SPECIFICATIONS

IMPELLER PART NUMBER	PUMP	MATERIAL *	OUTER DIA	INNER DIA	WIDTH	REPLACES JABSCO
09-1077B-9	F2	Nitrile	1.29"	0.31" / Flat	0.50"	
09-843S-9	F3	Nitrile	1.78"	0.31" / Flat	0.50"	
09-1052S-9	TA3P10	Nitrile	1.78"	0.31" / Flat	0.50"	
09-806B-1	F35	MC97	1.58"	0.37"	0.75"	4528-0001
09-808B-1	F35	MC97	1.58"	0.47"	0.75"	22405-0001
09-824P-2 (09-824P-1EZ)	F4	Polyurethane	2.00"	0.31" / Flat	0.87"	6303-007-P
09-824P-9	F4	Nitrile	2.00"	0.31" / Flat	0.87"	6303-0003
09-810B-1	F4	MC97	2.00"	0.47"	0.87"	18653-0001
09-810B-9	F4	Nitrile	2.00"	0.47"	0.87"	
09-1026B-1	F4	MC97	2.00"	0.50"	0.87"	673-0001
09-1026B-9	F4	Nitrile	2.00"	0.50"	0.87"	673-0003
09-801B	F5	Neoprene	2.25"	0.63" / Key	1.24"	4568-0001
09-1027B-1	F5	MC97	2.25"	Splines	1.24"	1210-0001
09-1027B-10	F5	MC97	2.25"	Splines	1.24"	
09-1027B-9-00	F5	Nitrile	2.25"	Splines	1.24"	1210-0003
09-812B-1	F6	MC97	2.25"	Splines	1.90"	13554-0001
09-812BT-1	F6	MC97	2.25"	Splines	1.90"	13554-0001
09-1028BT-1 **	F7	MC97	2.56"	Splines	1.98"	17937-0001
09-1028B-9	F7	Nitrile	2.56"	Splines	1.98"	17937-0003
09-821BT-1 **	F75	MC97	2.56"	Splines	3.15"	
09-819B-00	F8	Neoprene	3.74"	Splines	2.48"	17935-0001
09-819B-9	F8	Nitrile	3.74"	Splines	2.48"	17935-0003
09-1029B	F8	Neoprene	3.74"	Splines	2.48"	17935-0001
09-814B	F9	Neoprene	3.74"	Splines	3.48"	17936-0001
09-820B	F95	Neoprene	3.74"	Splines	5.12"	
09-842B	F98	Neoprene	3.74"	Splines	7.09"	
09-802B	F9	Neoprene	3.74"	Splines	3.48"	6760-0001

\* MC97 & Neoprene – for cooling, Nitrile – oil resistant

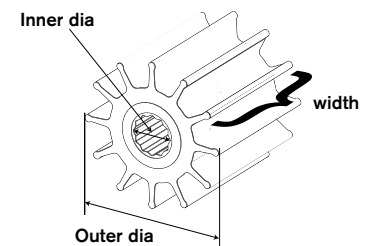
\*\* BT-1 replaces B



**09-1028BT-1**



**09-808B-1**



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## MARINE TOILETS

FEATURES	BENEFITS	COMPETITIVE ADVANTAGES
All models are equipped with soft closing, durable and hygienic plastic seats	Silent flush and discharge operation	<b>Easy substitution:</b> Flexible hole pattern on the base, for easy substitution with the most common toilets on the market
2 different heights	Comfort bowl with a larger comfortable oval seat	High capacity Discharge Pump
3 different bowl models	Compact bowl with a round seat – when installation is limited	Versatile plumbing connection options - Easy to install
<b>Manual:</b> Hand-powered piston pump that can be mounted for either left-hand or right-hand use	Super Compact bowl with a smaller lighter bowl, requiring even less space in the boat	
<b>Electrical models:</b> Flushing and draining with a three-way control panel or one-push panel	Control panel included for rinse and discharge pump	
Flushing and macerating discharge pumps: separate or combined system	Accessible mounting points for fast installation	
Vitreous porcelain bowl	Standard fastenings, logic located, no need for special tools	
	Built in rinse pump for raw water or fresh water from separate toilet water tank	
	May be installed above or below waterline - flexible installation	



**AquaT™ Manual Super Compact**



**AquaT™ Standard Electric Compact**



**AquaT™ Silent Electric Comfort**

### AVAILABLE SIZES

Manual - 3 Models: Comfort/ Compact/ Super Compact  
 Standard Electric - 3 Models: Comfort/ Compact/ Super Compact  
 Silent Electric - 2 Models: Comfort/ Compact

## TECHNICAL SPECIFICATIONS

### AquaT™ - Manual

PART NUMBER	DESCRIPTION	NET WEIGHT
80-47625-01	AquaT™ Toilet Manual Super Compact	8.5 kg - 19 lbs
80-47229-01	AquaT™ Toilet Manual Compact	8.3 kg - 18 lbs
80-47230-01	AquaT™ Toilet Manual Comfort	11 kg - 24 lbs



### AquaT™ - Standard Electric

PART NUMBER	DESCRIPTION	NET WEIGHT
80-47626-01	AquaT™ Standard Electric Super Compact, 12V	9.2 kg - 20 lbs
80-47435-01	AquaT™ Standard Electric Compact, 12V	9.5 kg - 21 lbs
80-47435-02	AquaT™ Standard Electric Compact, 24V	9.5 kg - 21 lbs
80-47436-01	AquaT™ Standard Electric Comfort, 12V	11 kg - 24 lbs
80-47436-02	AquaT™ Standard Electric Comfort, 24V	11 kg - 24 lbs



### AquaT™ - Silent Electric

PART NUMBER	DESCRIPTION	NET WEIGHT
80-47231-01	AquaT™ Silent Electric Compact, 12V	9.2 kg - 20 lbs
80-47231-02	AquaT™ Silent Electric Compact, 24V	9.2 kg - 20 lbs
80-47232-01	AquaT™ Silent Electric Comfort, 12V	10.8 kg - 24 lbs
80-47232-02	AquaT™ Silent Electric Comfort, 24V	10.8 kg - 24 lbs



### Spare Parts - AquaT™ Toilet

PART NUMBER	DESCRIPTION
81-47241-04	Soft Close Plastic Seat Compact Toilet
81-47241-05	Soft Close Plastic Seat Comfort Toilet
81-47242-01	Gasket Kit (all gaskets for Manual)
81-47243-01	Plastic Base w. Tap & Ring (Manual)
81-47244-01	Plastic handle kit (Manual)
81-47246-01	Intake elbow - inlet pipe complete (Manual and Silent Electric)
81-47246-02	Outlet elbow - outlet pipe complete (Manual and Silent Electric)
81-47247-01	Base group (Silent Electric)
81-47248-01	Motor group 12V (Silent Electric)
81-47248-02	Motor group 24V (Silent Electric)
81-47268-01	Base Gasket Kit (Manual)
81-47269-01	Flush Handle kit (Manual)
81-47273-01	Outlet elbow (Silent Electric)
81-47274-01	Bowl gasket (Silent Electric)
81-47519	Impeller Kit (Silent Electric)



**A81-47241-04**



**81-47246-02**

**81-47519**



**81-47268-01**

**81-47248-01**

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# SPXFLOW

## ULTIMA BILGE AUTOMATIC BILGE PUMP

FEATURES	BENEFITS	COMPETITIVE ADVANTAGES
Compact Design	Smaller Footprint Installation	Integrated Switch Allowing Easy Installation
Patented Electronic Integrated Fluid Sensing Switch	Compact and Reliable	Easy Installation and Increased Longevity
Straight or 90-Degree Dura Port Discharge Ports	Dura Port Discharge Ports Allow for Multi-Directional Hose Routing and Eliminate Stress Cracking	Check Valve Included
Low Amperage	Less Battery Draw	Less Amp Draw
Removable Basket	Included Check Valve Reduces Cycling from Water Back Flow	
Check Valve	Saltwater Tested – Saltwater Tough	
Assembled in the USA – Rockford, IL		



800 GPH Ultima Bilge



1250 GPH Ultima Bilge

### AVAILABLE SIZES

600 GPH 12V  
800 GPH 12V  
1000 GPH 12V  
1250 GPH 12V

 **Johnson Pump®**

## TECHNICAL SPECIFICATIONS

PART NUMBER	DESCRIPTION	CAPACITY 3 FT (0.9 M) HEAD (13.6V)	CAPACITY STRAIGHT (13.6V)	AMP	FUSE SIZE	HOSE CONN.
32-47258-003	Ultima Bilge 600 GPH 12V with integrated switch	32 l/min - 500 GPH	38 l/min - 600 GPH	2.5 A	5 A	3/4"
32-47259-003	Ultima Bilge 800 GPH 12V with integrated switch	38 l/min - 600 GPH	51 l/min - 800 GPH	3 A	5 A	3/4"
32-47260-003	Ultima Bilge 1000 GPH 12V with integrated switch	44 l/min - 700 GPH	64 l/min - 1000 GPH	3.2 A	5 A	3/4"
32-47261-002*	Ultima Bilge 1250 GPH 12V with integrated switch	51 l/min - 800 GPH	79 l/min - 1250 GPH	3 A	5 A	1 1/8" & 1 1/4"

\* Does not include Dura Port connection



**800 GPH Ultima Bilge**



**1250 GPH Ultima Bilge**

### Pump Dimensions

DESCRIPTION	HEIGHT	WIDTH	LENGTH	WEIGHT
600-1000 GPH	4.1" (105 mm)	3.2" (82 mm)	5.8" (147 mm)	23.3 oz (0.66 kg)
1250 GPH	4.6" (117 mm)	3.2" (82 mm)	5.8" (147 mm)	23.3 oz (0.66 kg)

GENERAL INFORMATION	
<b>BODY</b>	Thermoplastic
<b>SHAFT SEAL</b>	Lip Seal
<b>SHAFT</b>	Stainless Steel
<b>WIRE SIZE</b>	16 GA (1.3mm <sup>2</sup> )

### Accessories

PART NUMBER	DESCRIPTION
54315PK	Low basket 600 - 1250 GPH Ultima Bilge Pump

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## ULTRA BALLAST PUMP

FEATURES	BENEFITS	COMPETITIVE ADVANTAGES
High Capacity 13.5 GPM	Capacity Promotes Quick Fill & Quick Drain Minimizing Downtime	Higher Capacity
Self-Priming	Durable Materials Promote Longer Life and Reliability	Built With More Durable Materials
Reversible	Run Dry Protection Shuts Pump Down When Water is Not Present	Longest Factory Warranty
Ball Bearing Design With Bronze Head	Less Battery Draw	
Thermal Overload (Run Dry) Motor Protection	Multitude of Connection Options	
14A Max Amp Draw	Ignition Protected Design Allows Safe Installation in the Bilge Compartment	
Intermittent Duty		
Versatile High Volume Connection Options		
Complies With USCG 183.410 & ISO 8846 (Ignition Protection)		
3 Year Warranty		



F4B-11 Ultra Ballast

**AVAILABLE SIZES**  
13.5 GPM – 12V & 24V

**Johnson Pump®**

## TECHNICAL SPECIFICATIONS

### F4B-11 Ultra Ballast

Capacity 52 L/min – 13.5 GPM Ski/Wakeboard

PART NUMBER	DESCRIPTION
10-24690-03EZ	F4B-11 Ultra Ballast, 12V
10-24690-04EZ	F4B-11 Ultra Ballast, 24V



F4B-11 Ultra Ballast

GENERAL INFORMATION		DIMENSIONS	
<b>BODY</b>	Bronze	<b>LENGTH</b>	8" (202 mm)
<b>IMPELLER</b>	09-824P-2 (Replaces 09-824P-1EZ)	<b>WIDTH</b>	4.72" (120 mm)
<b>SEAL</b>	Lip Seal	<b>HEIGHT</b>	3.54" (90 mm)
<b>CONNECTIONS</b>	Hose 1" / 1/2" NPT	<b>WEIGHT</b>	6.6 lbs (3 kg)

PART NUMBER	DESCRIPTION
09-824P-2 (Replaces 09-824P-1EZ)	Impeller Kit F4 EZ Polyurethane Ballast Pump



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## WASH DOWN PUMPS AND KITS

FEATURES	BENEFITS	COMPETITIVE ADVANTAGES
5 Chamber Diaphragm Design	Environmentally Safe	Most Environmentally Friendly
Includes Inlet Strainer	Smoother and Quieter Operation	Longer Life
Hose, NPT & BSP Connections Included ▪ Garden Hose Connections Also Included with 3.5 & 5.2	Inlet Strainer Protects Pump from Harmful Intrusions	Less Noise and Vibration
Material Information: ▪ Diaphragm - Santoprene ▪ Valves - EPDM ▪ Body - Thermoplastic	Higher PSI For Motor Size	Higher Pressure - 70 PSI
Assembled in the USA – Rockford, IL	Kits Include Relevant Equipment Versus Purchasing Separately	Kits Include Hose with 1/2" Inside Diameter
	Prevents Pump From Overheat Failure	



**Aqua Jet Wash Down Pump**  
Available in 2.9 / 3.5 / 5.2 GPM



**Aqua Jet Wash Down Pump Kit**  
Available in 3.5, 4.0 or 5.2 GPM

### AVAILABLE SIZES

#### WD Pumps

2.9 GPM 12 & 24V  
3.5 GPM 12 & 24V  
5.2 GPM 12 & 24V

#### WD Pump Kits

3.5 GPM 12  
4.0 GPM 12V  
5.2 GPM 12 & 24V

#### Wash Down / Livewell Pump Kit

5.2 GPM / 500 GPH 12V

## TECHNICAL SPECIFICATIONS

### Aqua Jet Wash Down Pump

PART NUMBER	DESCRIPTION	CAPACITY	PRESSURE CUT OFF	FUSE SIZE
10-24728-03	Aqua Jet WD 2.9 12V	11 l/min - 2.9 GPM	2.8 bar - 41 psi	10 A
10-24728-04	Aqua Jet WD 2.9 24V	11 l/min - 2.9 GPM	2.8 bar - 41 psi	5 A
10-13399-03	Aqua Jet WD 3.5 12V	13 l/min - 3.5 GPM	5 bar - 70 psi	15 A
10-13399-04	Aqua Jet WD 3.5 24V	13 l/min - 3.5 GPM	5 bar - 70 psi	8 A
10-13407-07	Aqua Jet WD 5.2 12V	20 l/min - 5.2 GPM	5 bar - 70 psi	10 A
10-13407-08	Aqua Jet WD 5.2 24V	20 l/min - 5.2 GPM	5 bar - 70 psi	5 A

PUMP CAPACITY	LENGTH	WIDTH	HEIGHT	WEIGHT	MOTOR
2.9 GPM	8.02"	7.76"	4.33"	3.5 lbs	85W
3.5 GPM	9.31"	8.25"	4.58"	4.5 lbs	85W
5.2 GPM	9.46"	8.42"	4.33"	4.5 lbs	150W

### Aqua Jet Wash Down Pump Kit

PART NUMBER	DESCRIPTION	CONNECTION	KIT INCLUDES
JP-64535	Aqua Jet WD 3.5 12V	3/8" BSP x 1/2" barb	Aqua Jet WD 3.5, inlet strainer, spray pistol, hose and connectors, barb port fittings, panel switch
64544	Aqua Jet WD 4.0 12V	1/2" NPT / hose 3/4", 3/4" GHT, Hose 3/4"	Aqua Jet WD 4.0, inlet strainer, spray pistol, hose and connectors, barb port fittings
64534	Aqua Jet WD 5.2 12V	1/2" NPT / hose 3/4", 3/4" GHT, Hose 3/4", GHT bulkhead fitting – inlet 3/4" hose, outlet 3/4" GHT	Aqua Jet WD 5.2, inlet strainer, spray pistol, bulkhead fitting, hose and connectors, barb port fittings, panel switch
64534-24	Aqua Jet WD 5.2 24V		

### Aqua Jet Wash Down 5.2 GPM / 500 GPH Livewell Pump Kit

PART NUMBER	DESCRIPTION	CONNECTION	KIT INCLUDES
64634	Aqua Jet WD 5.2 GPM / 500 GPH 12V Livewell	3/8" BSP, 1/2" hose US 1/2" NPT, 3/4" hose 3/4" GHT	Aqua Jet WD 5.2, inlet strainer, spray pistol, hose and connectors, 500 GPH Twin Port Livewell Pump, Dura-Port fittings, two 2-way panel switches



**Aqua Jet Wash Down Pump**  
2.9, 3.5 & 5.2 GPM  
Includes pump, spray pistol, inlet strainer and hose connections (both BSP and NPT)



**Aqua Jet Wash Down Pump Kit**  
3.5, 4.0 & 5.2 GPM



**Aqua Jet Wash Down 5.2 GPM / 500 GPH Livewell Pump Kit**

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# SPXFLOW

## WASTE WATER PUMPS

FEATURES	BENEFITS	COMPETITIVE ADVANTAGES
Single Chamber	No In-line Filter Necessary	Run Dry Without Damaging Pump
Non-Choke Valve	Quiet Operation	Market Leading Quiet Operation
Low Pulse Muffled Rubber Bracket	Easy Diaphragm Replacement	Easy Installation
Reinforced Nitrile Rubber Diaphragm	Protected Against Ignition of Flammable Gases	Less Expense to Maintain
Multifunctional	Multiple Application Use	
ISO 8846 Ignition Protected Motor	Rotating Motor Allows Multi-Configurable Installation	
Rotating Motor		



**Viking Power 16**



**Viking Power 32**



**Viking Power Vacuum**

### AVAILABLE SIZES

Viking Power 16 – 4.2 GPM – 12 & 24V

Viking Power 32 – 8.5 GPM – 12 & 24V

Viking Power Vacuum – 6.3 GPM – 12 & 24V

**Johnson Pump®**

## TECHNICAL SPECIFICATIONS

PART NUMBER	DESCRIPTION	CAPACITY AT OPEN FLOW	CAPACITY AT 0.1 BAR	MAX LIFT	MAX HEAD	CONNECTION
10-13350-03	Viking Power 16 - 12V	16 l/min - 4.2 GPM	15 l/min - 4.0 GPM	3 m - 9.8 ft	3 m - 9.8 ft	KlickTite XL connectors for 1" hose or 3/4" hose and 1/2" BSP threads; straight and 90° (optional)
10-13350-04	Viking Power 16 - 24V	16 l/min - 4.2 GPM	15 l/min - 4.0 GPM	3 m - 9.8 ft	3 m - 9.8 ft	
10-13373-03	Viking Power 32 - 12V	32 l/min - 8.5 GPM	30 l/min - 7.9 GPM	2.5 m - 8.2 ft	4 m - 13.1 ft	38 mm - 1 1/2"
10-13373-04	Viking Power 32 - 24V	32 l/min - 8.5 GPM	30 l/min - 7.9 GPM	2.5 m - 8.2 ft	4 m - 13.1 ft	38 mm - 1 1/2"
10-13373-07	Viking Power Vacuum - 12V	24 l/min - 6.3 GPM	22 l/min - 5.8 GPM	5 m - 16.4 ft	4 m - 13.1 ft	38 mm - 1 1/2"
10-13373-08	Viking Power Vacuum - 24V	24 l/min - 6.3 GPM	22 l/min - 5.8 GPM	5 m - 16.4 ft	4 m - 13.1 ft	38 mm - 1 1/2"



	VIKING POWER 16	VIKING POWER 32	VIKING POWER VACUUM
<b>MOTOR</b>	2.3 amp (12V), 1.2 amp (24V) at 0.1 bar 12/24V DC (with built-in thermal protection)	3.3 amp (12V), 1.6 amp (24V) at 0.1 bar 12/24V DC (with built-in thermal protection)	3.3 amp (12V), 1.6 amp (24V) at 0.1 bar 12/24V DC (with built-in thermal protection)
<b>BODY</b>	Nylon, glass-fiber reinforced	Nylon	Nylon
<b>VALVES</b>	Nitrile rubber	Nitrile rubber	Nitrile rubber
<b>DIAPHRAGM</b>	Reinforced nitrile rubber	Reinforced nitrile rubber	Reinforced nitrile rubber
<b>LENGTH</b>	7.3" (186 mm)	10.9" (277 mm)	14" (357 mm)
<b>WIDTH</b>	9.3"/7.1" (235/181 mm)	10.4" (264 mm)	10.7" (271 mm)
<b>HEIGHT</b>	4.6"/8" (118/204 mm)	7.6" (192 mm)	7.6" (192 mm)
<b>WEIGHT</b>	5.7 lbs (2.6 kg)	11.0 lbs (5.0 kg)	11.2 lbs (5.1 kg)

Based in Charlotte, North Carolina, SPX FLOW, Inc. (NYSE: FLOW) is a multi-industry manufacturing leader.

# SPXFLOW

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# SPXFLOW

## WATER PRESSURE SYSTEM PUMPS (WPS)

FEATURES	BENEFITS	COMPETITIVE ADVANTAGES
5 Chamber Diaphragm Design	Smoother and Quieter Operation	Significantly lower noise and water pulsation characteristics
Pressure Cut Off at 41 PSI ▪ 30 PSI and 20 PSI Cut Off Available Upon Request	Inlet Strainer Protects Pump from Harmful Intrusions	Smaller Installation Footprint Without Accumulator Tank
Material Information ▪ Diaphragm - Santoprene ▪ Valves - EPDM ▪ Body - Thermoplastic	Hose and NPT Connections Included ▪ BSP Connections Available Upon Request	
Assembled in the USA – Rockford, IL		



### Aqua Jet WPS

Water Pressure System Pump  
Available in 2.4 / 2.9 / 3.5 / 4.0 / 5.2 GPM



### Aqua Jet Duo WPS 10.4

Compact All-In-One Unit

### AVAILABLE SIZES

#### WPS Pumps

2.4 GPM 12 & 24V  
2.9 GPM 12 & 24V  
3.5 GPM 12 & 24V  
4.0 GPM 12 & 24V  
5.2 GPM 12 & 24V

#### Compact All-In-One Units

3.5 GPM Uno 12 & 24V  
5.2 GPM Uno 12 & 24V  
10.4 GPM Duo 12 & 24V

#### Flow Master WPS – Variable Flow

5.0 GPM 12 & 24V

**Johnson Pump®**

## TECHNICAL SPECIFICATIONS

### Aqua Jet WPS 2.4, 2.9, 3.5, 4.0, 5.2

PART NUMBER	DESCRIPTION	CAPACITY	PRESSURE CUT OFF	FUSE SIZE	CONNECTION
10-24604-103	Aqua Jet WPS 2.4 12V	9 l/min - 2.4 GPM	2.8 bar - 41 psi	10 A	3/8" NPT / hose 1/2"; 1/2" NPT, 3/4" hose
10-24604-104	Aqua Jet WPS 2.4 24V	9 l/min - 2.4 GPM	2.8 bar - 41 psi	5 A	
10-13405-103	Aqua Jet WPS 2.9 12V	11 l/min - 2.9 GPM	2.8 bar - 41 psi	10 A	3/8" NPT / hose 1/2"; 1/2" NPT, 3/4" hose
10-13405-104	Aqua Jet WPS 2.9 24V	11 l/min - 2.9 GPM	2.8 bar - 41 psi	5 A	
10-13395-103	Aqua Jet WPS 3.5 12V	13 l/min - 3.5 GPM	2.8 bar - 41 psi	10 A	3/8" NPT / hose 1/2"; 1/2" NPT, 3/4" hose, 1/2" NPT, 3/4" hose
10-13395-104	Aqua Jet WPS 3.5 24V	13 l/min - 3.5 GPM	2.8 bar - 41 psi	5 A	
10-13406-103	Aqua Jet WPS 4.0 12V	15 l/min - 4.0 GPM	2.8 bar - 41 psi	10 A	3/8" NPT / hose 1/2"; 1/2" NPT, 3/4" hose, 1/2" NPT, 3/4" hose
10-13406-104	Aqua Jet WPS 4.0 24V	15 l/min - 4.0 GPM	2.8 bar - 41 psi	5 A	
10-13406-107	Aqua Jet WPS 5.2 12V	20 l/min - 5.2 GPM	2.8 bar - 41 psi	15 A	3/8" NPT / hose 1/2"; 1/2" NPT, 3/4" hose, 1/2" NPT, 3/4" hose
10-13406-108	Aqua Jet WPS 5.2 24V	20 l/min - 5.2 GPM	2.8 bar - 41 psi	8 A	

PUMP CAPACITY	LENGTH	WIDTH	HEIGHT	WEIGHT	MOTOR
2.4 GPM	8.02"	7.76"	4.33"	3.5 lbs	85W
2.9 GPM	8.02"	7.76"	4.33"	3.5 lbs	85W
3.5 GPM	9.31"	8.25"	4.58"	4.5 lbs	100W
4.0 GPM	9.46"	8.42"	4.33"	4.5 lbs	100W
5.2 GPM	9.46"	8.42"	4.33"	4.5 lbs	150W



**Aqua Jet WPS 2.4, 3.5, 5.2**

### Aqua Jet Duo WPS 10.4 & Uno WPS 3.5 & 5.2 Compact All In One Units

PART NUMBER	DESCRIPTION	CAPACITY	PRESSURE CUT OFF	FUSE SIZE	CONNECTION
10-13408-01	Aqua Jet Uno WPS 3.5 GPM 12V	13 l/min - 3.5 GPM	2.8 bar - 41 psi	10 A	3/4" hose
10-13408-02	Aqua Jet Uno WPS 3.5 GPM 24V	13 l/min - 3.5 GPM	2.8 bar - 41 psi	5 A	3/4" hose
10-13408-03	Aqua Jet Uno WPS 5.2 GPM 12V	20 l/min - 5.2 GPM	2.8 bar - 41 psi	15 A	3/4" hose
10-13408-04	Aqua Jet Uno WPS 5.2 GPM 24V	20 l/min - 5.2 GPM	2.8 bar - 41 psi	8 A	3/4" hose
10-13409-01	Aqua Jet Duo WPS 10.4 GPM 12V	40 l/min - 10.4 GPM	2.8 bar - 41 psi	25 A	3/4" hose
10-13409-02	Aqua Jet Duo WPS 10.4 GPM 24V	40 l/min - 10.4 GPM	2.8 bar - 41 psi	15 A	3/4" hose



**Aqua Jet Uno WPS 3.5 & 5.2**  
Compact All In One Unit



**Aqua Jet Duo WPS 10.4**  
Compact All In One Unit

### Aqua Jet Flow Master WPS 5.0 Variable Flow

PART NUMBER	DESCRIPTION	CAPACITY	PRESSURE CUT OFF	FUSE SIZE	CONNECTION
10-13329-103	Aqua Jet Flow Master WPS 5.0 GPM 12V	19 l/min - 5.0 GPM	3.5 bar - 50 psi	15 A	3/8" NPT / hose 1/2"; 1/2" NPT / hose 3/4"; 1/2" NPT 3/4" hose 1/2 CTS
10-13329-104	Aqua Jet Flow Master WPS 5.0 GPM 24V	19 l/min - 5.0 GPM	3.5 bar - 50 psi	8 A	



**Aqua Jet Flow Master WPS 5.0**  
Variable Flow

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