

Submersible Standard Bilge Pumps

Albin Pump Marine's series of submersible Cartridge Bilge Pumps and Twinport Aerator Pumps that are designed with the latest technology in order to meet the requirements and standards for the marine industry. Sport fishing, water sports, cruising as well as commercial duties.

The series is based on the well-proven APM 12/24V motors for capacities 500 GPH, 750 GPH & 1100 GPH

- Easy to install
- Detachable-port connections
- Straight and 90 deg elbow hose connections
- Easy to clean
- Replaceable Cartridge Motor
- Stainless steel shaft
- Tough Thermoplastic Housing
- Seawater resistant shaft seal
- Twinport Aerator pumps combine Livewell/Live bait aeration and washdown pump applications from a single intake

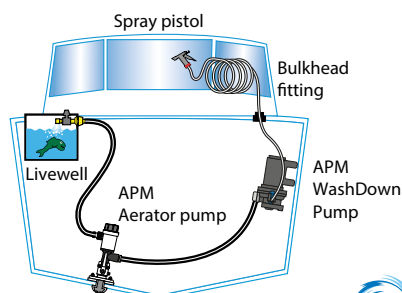


Albin Pump Marine Cartridge Submersible Bilge Pump series

Part no.	Description	Capacity straight	Capacity 3 ft - 0.9m	Amperage	Fuse size	Connection	Dimensions W x L x H
01-02-002	Cartridge Bilge Pump 500 GPH 12V	500 GPH - 32l/min	400 GPH - 25l/min	1.8 A	5 A	3/4"	79 x 130 x 116.5 mm (3.1 x 5.1 x 4.6 in)
01-02-003	Cartridge Bilge Pump 750 GPH 12V	750 GPH - 50l/min	660 GPH - 42l/min	2.7 A	5 A	3/4"	
01-02-004	Cartridge Bilge Pump 750 GPH 24V	750 GPH - 50l/min	660 GPH - 42l/min	1.5 A	5 A	3/4"	
01-02-005	Cartridge Bilge Pump 1100 GPH 12V	1100 GPH - 75l/min	1000 GPH - 65l/min	4 A	5 A	1 1/8" fixed	79 x 102 x 116.5 mm (3.1 x 4.0 x 4.6 in)
01-02-006	Cartridge Bilge Pump 1100 GPH 24V	1100 GPH - 75l/min	1000 GPH - 65l/min	2.5 A	5 A	1 1/8" fixed	
01-02-007	Cartridge Bilge Pump Low 750 GPH 12V	750 GPH - 50l/min	660 GPH - 42l/min	2.7 A	5 A	3/4"	92 x 150 x 100 mm (3.6 x 5.1 x 3.9 in)
01-02-008	Cartridge Bilge Pump Low 1100 GPH 12V	1100 GPH - 75l/min	1000 GPH - 65l/min	4 A	5 A	1 1/8" fixed	81 x 150 x 90 mm (3.2 x 5.1 x 3.5 in)

Albin Pump Marine Twinport Aerator Pump series

Part no.	Description	Capacity straight	Capacity 3 ft - 0.9m	Amperage	Fuse size	Connection	Dimensions W x L x H
01-05-078	Twinport Aerator Pump 500 GPH 12V Angled	500 GPH - 32l/min	400 GPH - 25l/min	1.8 A	5 A	3/4"	64 x 180 x 190 mm (2.5 x 7.1 x 7.5 in)
01-05-080	Twinport Aerator Pump 750 GPH 12V Angled	750 GPH - 50l/min	660 GPH - 42l/min	2.7 A	5 A	3/4"	
01-05-082	Twinport Aerator Pump 1100 GPH 24V Angled	1100 GPH - 75l/min	1000 GPH - 65l/min	4 A	5 A	1 1/8" fixed	
01-05-077	Twinport Aerator Pump 500 GPH 12V Straight	500 GPH - 32l/min	400 GPH - 25l/min	1.8 A	5 A	3/4"	64 x 123 x 228 mm (2.5 x 4.8 x 8.9 in)
01-05-079	Twinport Aerator Pump 750 GPH 12V Straight	750 GPH - 50l/min	660 GPH - 42l/min	2.7 A	5 A	3/4"	
01-05-081	Twinport Aerator Pump 1100 GPH 12V Straight	1100 GPH - 75l/min	1000 GPH - 65l/min	4 A	5 A	1 1/8" fixed	64 x 97 x 228 mm (2.5 x 3.8 x 8.9 in)
01-05-074	Twinport Aerator Pump 500 GPH 12V Short stack	500 GPH - 32l/min	400 GPH - 25l/min	1.8 A	5 A	3/4"	64 x 123 x 146 mm (2.5 x 4.8 x 5.7 in)
01-05-075	Twinport Aerator Pump 750 GPH 12V Short stack	750 GPH - 50l/min	660 GPH - 42l/min	2.7 A	5 A	3/4"	
01-05-076	Twinport Aerator Pump 1100 GPH 12V Short stack	1100 GPH - 75l/min	1000 GPH - 65l/min	4 A	5 A	1 1/8" fixed	64 x 97 x 146 mm (2.5 x 3.8 x 5.7 in)



Submersible Automatic Bilge Pumps

Fully automatic with a built-in electrical level switch. Compact and easy to install. Stainless steel shaft, tough thermoplastic ABS housing and removable base plate with integrated strainer. Easy maintenance and low power consumption.

- Compact, all-in-one unit
- Integrated electrical level switch
- Detachable straight and elbow ports (500 GPH & 750 GPH), fixed straight port (1100 GPH)
- Automatic operation in harsh saltwater and freshwater use
- Mercury-free
- Easy hose assembly without risk of stress from overtightened hose clamps
- Universal base with removable clip-on base with integrated screen and detachable check valve
- Easy maintenance, no tools required
- 3-wire device for auto, manual or override mode
- Water-cooled motor for long service life, stainless steel shaft

500 GPH

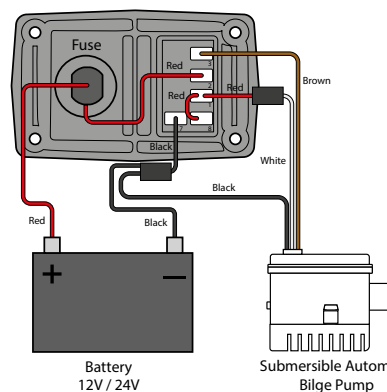
Part no.	Capacity	Capacity 3 ft head (1 m)	Ports	Voltage	Fuse	Dimensions
01-04-015	500 GPH (32 L/min)	400 GPH (25 L/min)	Detachable 3/4" (19 mm) straight and elbow	12V	3 A	5.9x3x3.7 inches (151 x 78 x 95 mm)

750 GPH

Part no.	Capacity	Capacity 3 ft head (1 m)	Ports	Voltage	Fuse	Dimensions
01-04-016	750 GPH (50 L/min)	660 GPH (42 L/min)	Detachable 3/4" (19 mm) straight and elbow	12V	5 A	5.9x3x3.7 inches (151 x 78 x 95 mm)
01-04-017				24V	3 A	

1100 GPH

Part no.	Capacity	Capacity 3 ft head (1 m)	Ports	Voltage	Fuse	Dimensions
01-04-016	1100 GPH (75 L/min)	1000 GPH (65 L/min)	Fixed 1 1/8" (29 mm) straight	12V	6 A	5.9x3x3.7 inches (151 x 78 x 95 mm)
01-04-017				24V	3 A	



Albin Pump Marine 500 GPH - 1100 GPH part nos. 01-04-015 - 019 12V / 24V

Submersible Heavy Duty Bilge Pumps

Easily installed and robustly engineered for maximum lifetime. Submersible for harsh saltwater and freshwater use; featuring heavy duty motor with stainless steel shaft; mechanical shaft seal; durable high impact thermoplastic housing and universal base screen. Designed to be interchangeable with same type bilge pumps on the market.

- Submersible for harsh saltwater and freshwater use
- Liquid cooled for extended motor life
- Heavy duty, AISI 316 steel shaft, double ball bearing motor
- Quality engineered mechanical seal
- Manual operation; automatic operation with optional float switch (APM 01-66-025) or digital bilge switch (APM 01-66-037)
- Removable check valve included
- Complies with ISO 8848, EN 55014 Marine
- Universal base plate with strainer and pin (for "T-slot") to attach a level switch for automatic operation
- Designed to be interchangeable with similar type bilge pumps.



1750 GPH recommended for boat lengths > 10 m (33 feet)

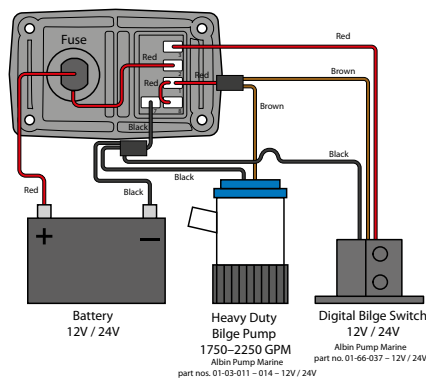
Part no.	Capacity	Capacity 3 ft head (1 m)	Ports	Voltage	Fuse	Dimensions	Replaces
01-03-011	1750 GPH (110 L/min)	1350 GPH (85 L/min)	28 mm (1 1/8") and 32 mm (1 1/4")	12V	10 A	170x158xØ130 mm (6.7x6.2xØ5.1 inches)	Rule 1500 Johnson Pump 16004-00 /32-1600-01
01-03-012				24V	6 A		Rule 1500 Johnson Pump 16084-00 /32-1600-02

2250 GPH recommended for boat lengths > 12 m (39 feet)

Part no.	Capacity	Capacity 3 ft head (1 m)	Ports	Voltage	Fuse	Dimensions	Replaces
01-03-013	2250 GPH (140 L/min)	1900 GPH (120 L/min)	28 mm (1 1/8") and 32 mm (1 1/4")	12V	16 A	170x158xØ130 mm (6.7x6.2xØ5.1 inches)	Rule 2000 Johnson Pump 22004 /32-2200-01
01-03-014				24V	9 A		Rule 2000 Johnson Pump 22084 /32-2200-02

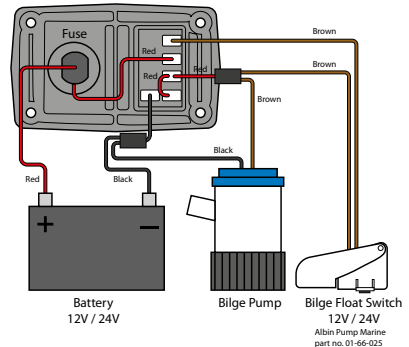
3-way Bilge Pump Panel (ON - OFF - AUTO)

Albin Pump Marine part no. 01-66-027 - 12V/24V



3-way Bilge Pump Panel (ON - OFF - AUTO)

Albin Pump Marine part no. 01-66-027 - 12V/24V



Manual Bilge Pumps

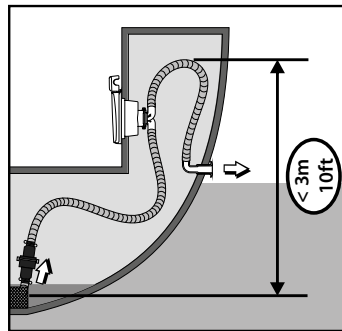


Rugged, flush mounted manual bilge pump with integrated handle and appealing design. Install where the pump can be readily accessed while operating the boat; such as in the cockpit, wheelhouse or on deck for power loss situations or installation on boats without electrical systems.

- Compact, manually operated Bilge Pump with integrated handle in the pump cover
- Self-priming
- 3 m (9.8 ft) lift/head
- Polypropylene body, metal fittings of stainless steel, nitrile rubber diaphragm and valves
- Heavy duty non-choke valves
- High-flow tricuspid valve on the outlet port
- Positionable elbow connectors, 2 x 25 mm and 2 x 38 mm (1" and 1½")
- Complies with ISO 15083

Part no.	Capacity* 3 ft head (1 m)		Ports	Color	Dimensions W x D x H
	25 mm (1") connection	38 mm (1½") connection			
01-01-001	34.5 L / min (9.1 GPM)	45 L / min (11.9 GPM)	25 mm (1") and 38 mm (1½")	white	157 x 207 x 151 (25 mm connectors) 163 (38 mm connectors) mm 6.2 x 18.1 x 5.9 (1" connectors) 6.4 (1½" connectors) inches
01-01-002				black	

*45 strokes / min



Accessories



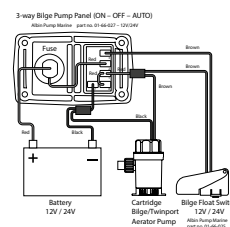
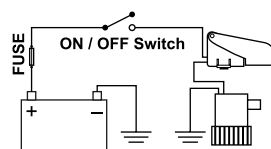
Compliment your bilge pumps with switches for automatic operation; control panels for combined automatic and manual operation; monitoring systems; non-return valves and bypass connectors.

Automatic Bilge Float Switch

Automate your electric bilge pump simply and effectively with an Albin Pump Automatic Float Switch. Safely remove bilge water, even when no one is onboard. Mechanical arm floats up with rising water level in the bilge and completes the circuit, activating your bilge pump. As the water level lowers the arm lowers and deactivates the pump.

- Rated for 500,000 cycles
- Durable thermoplastic ABS housing
- Mercury-free operation
- For salt water and fresh water use only

Part no.	Service life	Voltage	Pump power draw	Dimensions
01-66-025	500,000 cycles	12V / 24V / 32V	Max. 14 A	110 x 70 x 50 high mm (4.3 x 2.8 x 2 inches)



Accessories



Digital Bilge Switch

Fully automate your electric bilge pump with an Albin Pump Digital Bilge Switch that employs no moving parts. Safely remove bilge water, even when no one is onboard. Disruption of the produced electric field by the bilge water activates your bilge pump automatically and shuts down the pump when the water level sinks to acceptable level.

- No moving parts, fully sealed
- Field sensing technology
- Non-corroding polymer housing
- Unaffected by oil or floating debris in the bilge
- Delayed activation/ deactivation to avoid false starts/ stops due to sloshing in the bilge
- 30 second pump shut-down cycle to ensure water evacuation

Part no.	Voltage	Fuse	Power draw	Dimensions W x H x D
01-66-037	12V/ 24V	according to the recommended fuse of the pump used	< 20 μ A in standby	26 x 64 x 5 mm (1 x 2 x 0.2 inches)

Bilge Pump Panel 3-way

Manage your bilge pump from the wheel house with the Albin Pump three-position Bilge Pump Panel. Manually activate and deactivate your electric bilge pump with the panel, or use the automatic setting in combination with APM's Automatic Bilge Float and Digital Bilge Switches or Automatic Submersible Bilge Pumps.

- Switch positions manual ON, OFF and Automatic
- Integrated operating light and fuse holder.

Part no.	Voltage	Fuse	Dimensions W x H
01-66-027	12V/ 24V	according to the recommended fuse of the pump used	100 x 61 mm (3.9 x 2.4 inches) (70 mm x 45 mm (2.8 x 1.8 inches) (W x H) hole in the mounting surface to accommodate the electronics)

Digital High Water Alarm

Fluid level sensor for marine applications. Electronic field sensing technology with digital accuracy automatically detects the bilge water level and at high levels sounds an audible and visual alarm on the panel.

- Easy installation
- No calibration required
- No moving parts and completely sealed for long-term durability
- Delayed activation/ deactivation to avoid false starts/ stops due to sloshing in the bilge
- Will not corrode in contact with salt water, fuel/ oil
- Not affected by foreign debris
- Robust against temperature and vibrations

Part no.	Voltage	Fuse	Included in the Kit	Dimensions W x H x D
01-69-041	12V	1 A	<ul style="list-style-type: none"> • Display panel (1 LED + piezo alarm) with 6" (152mm) wire leads 	Sensor: 26 x 51 mm (1 x 2 inches) Panel: 76 x 56 x 35 mm (3 x 2.2 x 1.4 inches) ??(W x H) hole in the mounting surface to accommodate the electronics)
01-69-042	24V		<ul style="list-style-type: none"> • Alarm sensor (screw-mounted) with 12" (305mm) wire leads • Fuse and fuse holder 	Sensor: 26 x 64 x 5 mm (1 x 2 x 0.2 inches) Panel: 76 x 56 x 35 mm (3 x 2.2 x 1.4 inches) ??(W x H) hole in the mounting surface to accommodate the electronics)

NOTE! Not for use with metal holding tanks or for monitoring fuel/oil levels



Accessories



Bilge Boat Monitor System 12V / 24V

A complete monitoring system that provides you with real time data to your smartphone or your computer such as bilge water level alarm, battery status, positioning / tracking alarms if your boat is being moved. Can be used for fleet monitoring! Easy to install, suitable for virtually any floating vessel with 12/24 V power onboard.

Reduce your insurance costs up to 20% by having an approved high-water alarm and positioning system installed onboard.

- SIM card that works with all international GSM communication standards with outstanding connectivity; optional use of your own SIM card (yearly subscription fee, or one-time administration fee for own SIM card)
- Latest technology and designed for marine use, robust and very compact
- Delayed activation / deactivation to avoid false alarms due to sloshing in the bilge
- Built-in battery allows the device to continue sending information over a period of time if the power is cut
- IPX6 water protected and withstands rough movements at sea
- Approved by international insurance companies
- CE and FCC certified

Part no.	Voltage	Fuse	Included in the Kit	Dimensions W x H x D
01-07-007	12V / 24V	Fused appropriately based on bilge pump system	<ul style="list-style-type: none"> • Monitor device • Digital waterlevel sensor • Electrical connectors • SIM card 	Device: 46x70x17.5 mm (1.8x2.8x0.7 inches) Sensor: 26x64x5 mm (1 x 2x0.2 inches)

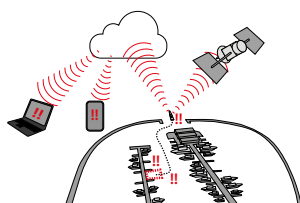
Boat Monitor System 12V / 24V

A boat monitoring system that provides you with real time data to your smartphone or your computer such as battery status, positioning / tracking alarms if your boat is being moved. Can be used for fleet monitoring! Easy to install, suitable for virtually any floating vessel with 12/24 V power onboard.

Reduce your insurance costs by having an approved positioning system installed onboard.

- SIM card that works with all international GSM communication standards with outstanding connectivity; optional use of your own SIM card (yearly subscription fee, or one-time administration fee for own SIM card)
- Latest technology and designed for marine use, robust and very compact
- Built-in battery allows the device to continue sending information over a period of time if the power is cut
- IPX6 water protected and withstands rough movements at sea
- Approved by international insurance companies
- CE and FCC certified

Part no.	Voltage	Fuse	Included	Dimensions W x H x D
01-07-008	12V / 24V	5 A	<ul style="list-style-type: none"> • Monitor device • Electrical connectors • SIM card 	Device: 46x70x17.5 mm (1.8x2.8x0.7 inches)



Accessories



By-Pass Connector

Part nr. 01-91-047

By-Pass connection for APM Manual Bilge Pump 01-01-001 / -002, or bulk packed APM 01-31-045 / -046.

- Allows for connecting both the manual pump with an electric submersible bilge pump* in-line, using the same hose and connectors
- Reduces the overall cost of a complete bilge pump system by facilitating the installation and reducing the material needed

*Only to be used with submersible centrifugal type bilge pumps because the electric pump needs to act as strainer without blocking the water when operating the manual bilge pump

Non-Return Valve 25 mm (1"), 38 mm (1½")

Part nr. 01-91-048

In-line Non-Return Valve for a safe and reliable pump system.

- Prevents water from returning when pumping out
- Provides extra safety when pumping water with debris or other waste with self priming diaphragm pumps

Bilge strainer with non-return valve

- Maintains water in the suction line for easy prime
- Prevent bilge debris blocking the pump or inlet suction line
- Horizontal and vertical flow
- Easy to maintain and clean

Part no.	Description	Connections
01-91-065	Bilge Strainer Vertical	25 / 38 mm (1" / 1½")
01-91-066	Bilge Strainer Horizontal	25 / 38 mm (1" / 1½")

Spare Parts



Replacement Motor Cartridge for Cartridge Bilge Pumps and Twinport Aerator Pumps

- Quickly and easily replace and / or upgrade to higher capacity motor
- Available for 12/24V and capacities 500 GPH, 750 GPH & 1100 GPH

Part no.	Description
01-92-083	Replacement Cartridge Motor 500 GPH 12V
01-92-084	Replacement Cartridge Motor 750 GPH 12V
01-92-085	Replacement Cartridge Motor 750 GPH 24V
01-92-086	Replacement Cartridge Motor 1100 GPH 12V
01-92-087	Replacement Cartridge Motor 1100 GPH 24V