



SHURFLO® PIRANHA™

MARINE BALLAST PUMP

FLOW RATE: 800 GPH AND 1100 GPH

Replaces MALIBU pump 357-116-00 [800 GPH] and 357-106-00 [1100 GPH]

Everything you are looking for in a ballast pump. Our tough, high density nylon housing and heavy duty water cooled motor give the SHURFLO Ballast Pumps unparalleled reliability. Patented anti-airlock feature allows the pump to clear trapped air. All Ballast Series Pumps have a removable cartridge for easy cleaning.



Replaceable Cartridges:
800 / 1100 GPH (94-620-00)

BENEFITS

- Flow rate 800 or 1100 GPH
- Replaceable Cartridge
- Tough Nylon construction
- Patent Anti-Air lock feature
- Heavy-duty water cooled motor
- Tinned 6 feet wire assembly
- CE, Ignition Protected ISO 8846

INSTALLATION TIPS

- Use smooth ID discharge tubing or hose
- Mount below water line
- Use proper fuse size indicated on pump label
- Tubing should be rated for below water line
- Avoid any sagging or loops in the tubing
- Use full flow style valves for ultimate performance

OPERATION TIPS

- Never operate equipment if gasoline fumes are present
- Do not run dry
- Pump works best when full voltage is provided

APPLICATION

- Ballast tank fills
- Live-well tanks
- Water transfer

SPECIFICATIONS

GALLONS PER HOUR VS. PRESSURE [FEET OF HEAD]

MODEL #	VOLTAGE	AMPS (MAX.)	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
375-116-10	12	2.5	800	700	600	500	400	300	250	230	130	100
375-106-10	12	2.7	1250	1150	1000	800	700	600	500	300	220	180

ELECTRICAL

Use 16GA wire for all circuits. If installation is over 20 feet, use 14GA wire.

Brown pump wire must be connected to positive power. Use waterproof connectors and splices. Attach all wires to UL Marine approved duty switch rated at or above 10 amps. Use proper fuse size indicated on pump label. Wire connections should be made above water level at the highest possible position. Seal wire connections to prevent corrosion and electrolysis.

LIVE-WELL OPERATION

Never operate equipment if gasoline fumes are present. **Always** test pump before leaving dock. **Open sea cock before running pump, do not run pump dry.** Tank fill time should be tested at rest and under way. Pump will fill tank faster while boat is running at higher speeds. General tank fill times are between 7 minutes [warmer water] and 10 minutes [colder water]. Measure tank fill time from empty while at rest and

adjust valve position for desired time. Measure tank fill time at normal cruising speed and adjust valve to desired time. Refer to tank size chart for optimal pump size. Note position for later reference. Always remember to adjust valve when at rest or under way. Flow should be circular and slightly upward so debris clears from bottom of tank. Flow should not be too fast that fish get tired.

WARNING

Do not disassemble base from pump body. Warranty will be voided upon disassembly. SHURflo is not responsible for problems due to disassembly of base from pump body. Do not pump oil, diesel fuel, gasoline or other flammable liquids with this pump. Always disconnect power before servicing pump. Always use fuse size specified in specification.

Seacock MUST be closed before removing cartridge from pump housing.

MAINTENANCE & CLEANING

Impeller and Motor Cartridge:

First and most important, close sea-cock valve. Remove motor cartridge by removing locking screw and then unscrewing the blue-collar nut. Remove motor cartridge. Clean out debris and press motor cartridge firmly into housing, then hand-tighten blue collar nut to housing. Make sure to align the finger holes on blue collar nut to allow

room for locking screw. Align spacer and locking screw. Assemble screw and spacer into existing hole. **CAUTION: MAKE SURE NOT TO OVER TIGHTEN SCREW, SNUG IS FINE.** Always check for leaks/cracks and all connections regularly. Repair or replace as needed. Keep valve closed when system is not in use.



FLOW MANAGEMENT SOLUTIONS

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