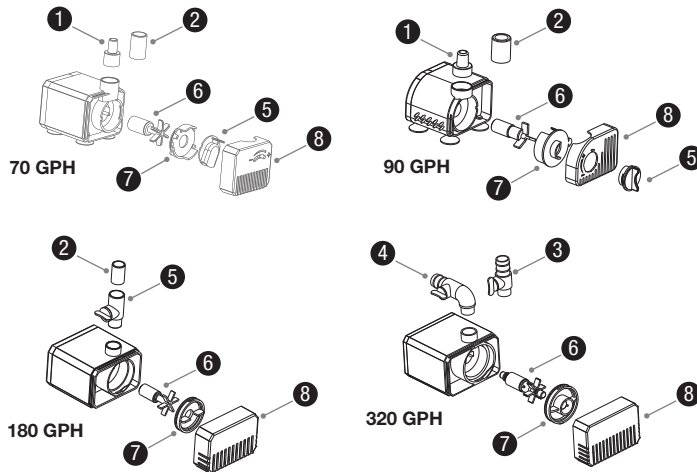




STATUARY WATER PUMP

220-240V 50Hz **180 GPH Water Pump**
Item #91025

Contents			
No.	Description	No.	Description
1.	1/4" Stepped Plastic Adapter	5.	Flow Controller
2.	1/2" Cylinder Plastic Adapter	6.	Impeller
3.	5/8" Straight Adapter Tube	7.	Impeller Cover
4.	5/8" Bent Adapter Tube	8.	Intake Screen



Safety Information

- WARNING:** Risk of electric shock – This pump has not been approved for use in swimming pool or marine areas
- WARNING:** To provide continued protection against risk of electric shock, connect to properly grounded, ground fault circuit interrupter (GFCI) outlets only, using the following guidelines:

- Have a qualified electrician install a properly grounded receptacle outlet, acceptable for outdoor use and protected from snow and rain.
 - Inspect cord before using.
 - Do not use an extension cord.
 - Any wiring of pumps should be performed by a qualified electrician to ensure code compliance and user safety.
 - Unplug pump at receptacle outlet when not in use or before removal from pond.
 - To reduce risk of electrical shock, all wiring and junction connections should be made per local codes. Requirements may vary depending on usage and location.
 - The power cable should be protected at all times to avoid punctures, cuts, bruises and abrasions.
 - Never handle power cords with wet hands.
 - Do not remove cord and strain relief. Do not connect conduit to pump.
 - Do not use power cable to lift pump.
- Always operate the pump fully submerged; or if using in-line ensure a constant source of fresh water. Failure to do so may overheat the pump and cause it to fail, voiding the warranty.
 - Use only in fully assembled state, paying particular attention to ensure that both the outer and inner filter screens are attached to the pump. Failure to operate the pump without the filter screen will allow large debris to enter the pump and cause the pump to fail, voiding the warranty.
 - Do not wear loose clothing that may become entangled in the impeller or other moving parts.
 - Keep clear of suction and discharge openings. DO NOT insert fingers into pump with power connected.
 - Do not pump hazardous materials or liquids, such as oil, saltwater or organic solvents.
 - Do not block or restrict discharge.
 - Products returned must be cleaned, sanitized, or decontaminated, as necessary, prior to shipment to ensure that employees will not be exposed to health hazards in handling said material. All applicable laws and regulations shall apply.

IMPORTANT: Aquascape, Inc. is not responsible for losses, injury, or death resulting from a failure to observe these safety precautions, misuse or abuse of pumps or equipment.

Statuary Water Pump Specifications

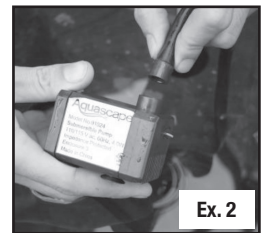
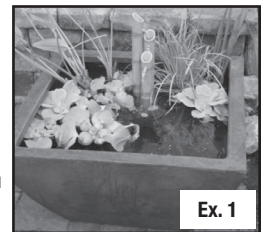
- Input Voltage: 240V AC
- Input Frequency: 50 Hz
- Submersible pump
- For outdoor or indoor use
- Thermally protected
- This pump has been evaluated for use with freshwater only
- Input amps and wattage - see chart below

Statuary Water Pump Specs	
Model	180
Max Flow Rate (LPH)	530
Max Head Height (M)	1.2
Motor Type	Mag-Drive
Wattage	6.6
Amperage	0.175
Power Cord Length (M)	1.83
Discharge Hose Diameter	13mm

Installation

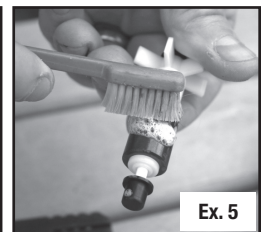
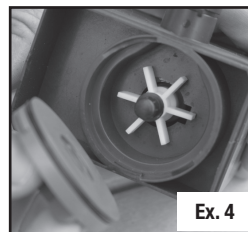
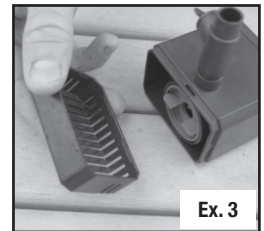
This pump is designed to be operated fully submerged in the water feature (Ex. 1).

- Select the appropriate fitting(s) needed for your application.
 - Attach tubing to the fitting (Ex. 2).
 - Connect the other end of the tubing to the fountain, ornamental spitter, or filter.
- Connect the pump to an outlet that is protected by a Residual Current Device (RCD). Once the pump is running and water circulating through the filter(s) or waterfalls, check for any fitting or waterfall leaks where the external connections are made.



General Maintenance

- Inlet Screen Cleaning**
 - If you notice diminished water flow, check inlet screen and clean as needed (Ex. 3). Disconnect pump, remove from water and clean debris from pump cover.
- Internal Pump Cleaning**
 - If you still have diminished flow rates, remove the impeller cover to inspect the impeller rotor assembly (Ex. 4).
 - If your rotor assembly impeller and internal pump body have excessive scale build-up, clean with a mild acid, such as white vinegar or non-abrasive calcium, lime, and rust remover product using a sponge or soft-bristled brush that won't scratch impeller (Ex. 5). Removing scale build up will allow your pump to run like new again.
- Replacing the Impeller Assembly**
 - The impeller assembly is the only moving part on the pump and will experience wear and tear. If you've cleaned the pump, as described above, and still experience poor pump performance, it is most likely time to replace the impeller. Replacing the impeller is extremely easy. Replacement Impeller Kits are available through your local Aquascape dealer.



Winter Application

- The pump can be run during freezing weather, if desired, but should be removed if shutting down the pump for the winter. Disconnect the tubing from the discharge fitting and remove the pump from the pond. Clean the pump and inlet screens with fresh water and store the pump in a frost-free location.

Troubleshooting

- Reduced Water Flow**
 - Pump or plumbing may be clogged. It may be necessary to clean the pump intake screen and impeller.
- Pump Hums and Doesn't Push Water**
 - Pump or plumbing may be clogged. It may be necessary to clean the pump intake screen and impeller.
 - Remove the intake screen and impeller cover and inspect and clean the impeller rotor assembly and internal pump body.
 - Make sure nothing is blocking or wrapped around the impeller.
 - Make sure the pump is receiving the correct voltage.
- Pump Not Working**
 - The Residual Current Device (RCD) may have tripped.
 - The pump is not receiving the correct voltage.



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04/24/23