PLEASE READ THIS MANUAL
SAVE FOR FUTURE REFERENCE

WARNING: Risk of electric shock- This pump has not been approvedfor use in swimming pool or bodies of salt water.
WARNING: To provide continued protection against risk of electricshock, connect to properly grounded, ground fault circuit interrupter(GFCI) outlets only, using the following guidelines:

• Read and follow all safety instructions and all the important noticeson the appliance before using the pump. Failure to do so may resultin loss of fish life and/or damage to this appliance.
• Have a qualified electrician install a properly grounded receptacleoutlet, acceptable for outdoor use and protected from snow and rain.
• Any wiring of pumps should be performed by a qualified electrician toensure code compliance and user safety.
• This is a pond pump. Do not use this pump for other than intendeduse(i.e.: do not use in swimming pools, aquariums, etc. Not to beused as a sump pump.)
• Do not use this pump in swimming pools or other situations wherepeople are immersed.
• If an extension cord is necessary, ensure connection is watertightand dust proof. A cord with proper rating should be used. A cordrated for less amps or watts than the appliance rating may overheat.Arrange the cord so that it will not be tripped over or pulled. Theconnection should be carried out by a qualified electrical installer.
• Unplug pump at receptacle outlet when not in use or before removalfrom pond.
• To reduce risk of electrical shock, all wiring and junction connectionsshould be made per local codes.Requirements may vary dependingon usage and location.
• Inspect the power cord before using and protect to avoid puncturescuts, bruises and abrasions. Never cut the cord.
• Never handle power cords with wet hands.
• To avoid injury, do not touch moving or hot parts.
• Do not use power cord to lift pump.

CLEANINGTHEPRE-FILTERCAGE

WARNING: Always disconnect the power before performing maintenanceon the pump. Do not remove the pump's pre-filter cage while operatingthe pump.

IMPORTANT: Failure to operate the pump without the pre-filter cage oroperating the pump with a broken cage will allow large debris to enter thepump causing damage to the pump and void the warranty.

Do not dispose of this unit with domestic waste! Disable the unitbeforehand by cutting off the cables. Preserve our environmentby recycling or disposing this product in accordance with localstate and federal guidelines.

SS SERIES WATER PUMP

Instructions

PMSSP4500,PMSSP5800,PMSSP6400



Model	Voltage (V)	Power	Max.Flow	Max.Head	IP	Inlet/Outlet
PMSSP4500	110-120V/60HZ	320W	4500GPH	23.0Feet	IPX8	2"
PMSSP5800	110-120V/60HZ	500W	5800GPH	29.5Feet	IPX8	2"
PMSSP6400	110-120V/60HZ	600W	6400GPH	31.5Feet	IPX8	2"

www.Pond-Magic.com
5921 LOWER YORK RD.
NEW HOPE, PA 18938

POND MAGIC
PUMP UP THE MAGIC, FILTER OUT THE MESS!

Limited Warranty

Should a warranty or claims, first contact the product's retailer. If unavail-able, contact. you can contact Corporation at .When reaching out, prepare proof of purchase, photos and other claim validation documents—this helps determine partial or full replacement of defective products. This warranty covers ONLY defective individual components, not multi-part items. Replacement parts are available via the original seller or authorized parts retailer; if unavailable, contact customer service.

Item is covered under one year limited warranty from the date ofpurchase. Ifyoul purchase was after our 30-day grace period, payment information will be requested for shipping, tax and duty charges.

NotCoveredUnderWarranty

ThelimitedwarrantywillNOTcovercasesofdamagesdueto:
1.Inadequatecareandlorneglect
2.Environmental and/or natural elements
3.Immersioninwater,unlessspecified
4.ImproperInstallation/storageand/orMaintenance

This warranty is void if the product has been damaged by accident, misuse, negligence, improper installation and or modifications have occured. This includes any and/or all defects arising out of freezing water damage, hard water damage, failure to keep the unit clean and free of harmful additives such as bleach, chlorine, etc... which affects the paint and or parts. This warranty alsodoes not cover any additional charges or installation, removal, disposal and/or shipping costs or consequential damage associated with any warranty claim.

TROUBLESHOOTING

If Your Pump Has Completely Shut-Off

The ground-fault circu itinterrupter (GFCI) may have tripped.
Check water temperature to ensure it's within working temperature.
It may be necessary to clean the pump pre-flter and impeller.

If Your Pump Turns On And Off

Pump or tubing may be clogged, check area around pump to be sure thereis no debris blocking water from entering into the pump.
It may be necessary to clean the pump pre-filter and impeller.
Check the temperature of the water to ensure it's within the workingtem-peratures.

If Your Pump Has Reduced Water Flow

Pump or tubing may be clogged, check area around pump to be sure there is no debris blocking water from entering into the pump.
It may be necessary to clean the pump pre-filter and impeller.

If Your Pump Has Reduced Water Flow

Pump or tubing may be clogged, check area around pump to be sure there is no debris blocking water from entering into the pump.
It may be necessary to clean the pump pre-filter and impeller.
Make sure the pump is receiving the correct voltage.
If none of the above solve your issue, the impeller needs to be replaced

Once a week, verify the pump performance is satisfactory. If you detecta drop in pump performance (such as a decrease in water flow fromthe pump or to the waterfall) first clean the pump's pre-filter cage andtubing. If the water flow is still not fully restored to its originalperformance, clean the impeller and internal pump body.
This pump is suitable for use in water temperatures from 32 to 95degrees Fahrenheit (0 to 35 degrees Celsius). Remove and store thepump if temperatures are not suitable.
To keep the pump in optimal condition, always replace worn parts.

INSTALLATION GUIDELINES

• You must prime the pump before plugging it in and turning it on.Priming a pump means to feed water into the tubing both in and outof the pump, to help create a suction effect to draw the water from thesource. Failure to do so may cause your pump to run dry, becauseof air in the system- which could cause the pump to appear not to beworking and will eventually burn out the pump altogether. Rememberrunning a PS series pump dry voids the warranty!
• Be sure that the pre-filter cage is fully snapped shut. Failure tooperate the pump without the pre-filter cage on will allow largedebris to enter the pump, causing the pump to fail and voidingthe warranty.
• Keep clear of inlet and outlet openings. DO NOT insert fingers inpump with power connected.
• Be sure no debris wil lblock or restrict the pre-filter cage fromwater entering.
• The threaded collar on the adapter enables thePMSSP series pump to beinstalled and removed without the need for any tools. Do not use toolsto attach the adapters onto the pump outlet as the tool mightbreak the adapter. Adapters to be hand-tightened only.
• When using the pump in external figurations, use a wider pipeon the inlet than the tubing on the outlet. Adding a check valve to theend of the pipe in the pond will prevent the pump from pulling air uponstartup and prevent motor burnout.
• The Adapters can be rotated to five positions for ease ofinstallation.
• To maximize pond circulation, locate the pump as far away as possiblefrom the location of the water entering back into the water feature.
• The pump should be placed a maximum depth of 6.5 feet (2 meters)Bricks or stones can be used to raise the pump up off bottom of the pond.