

SUBMERSIBLE PUMP

**designed for fountains
Model No. PT-808**

PUMP MAINTENANCE

The pump is manufactured under reliable and quality design where the non-contacting rotor mechanism provides long lasting service. However, the rotor assembly is susceptible to the environment of operation and may not normally perform where the pump is under abnormal usage. Please check following points for pump maintenance.

CAUTION : Always disconnect the electric power before the pump is checked.
Always keep the plug dry before the pump is reconnected.
Always consult the electric technician if there is any uncertainty.

- ☒ If the pump cannot pump water, check the power is correctly connected or check if sufficient water is inside the reservoir.
- ☒ If the pump runs with low water circulation, check the flow control valve on the pump body.
- ☒ If abnormal sound is heard during the pump operation, check the rotor assembly :
 1. Remove the pump cover & rotor plate from front.
 2. Grip the propeller, take out the rotor assembly from the pump body gently.
 3. Rinse the rotor assembly and the body with clean water to remove any debris.
 4. If breakage or surface damage is found on the rotor assembly, contact the pump distributor for spare part if replacement is needed.

OWNER'S MANUAL

Pumps are carefully inspected and tested to insure both safety and operating performance. However, failure to follow the instructions and warnings in this manual may result in pump damage and/or serious injury. Be sure to read and save this manual for future reference.

■ MAINTENANCE

To clean the pump, remove the front plate and the impeller. Use a small brush or stream of water to remove any debris.

CAUTION: The pump shaft can not be removed. If THE PUMP FAILS TO OPERATE, CHECK THE FOLLOWING:

- Check the circuit breaker and another outlet to ensure the pump is getting electrical power. NOTE: Always disconnect from electrical outlet before handling the pump.
- Check the pump discharge and tubing for kinks and obstructions. Algae build up can be flushed out with a garden hose.
- Remove the pump inlet to access the impeller area. Turn the rotor to ensure it is not broken or jammed.
- Monthly maintenance will add to your pump's life. NOTE: Ensure that the electrical cord loops below the electrical outlet to form a 'Drip Loop'. This will prevent water from running down the cord into the electrical outlet.

■ CAUTION

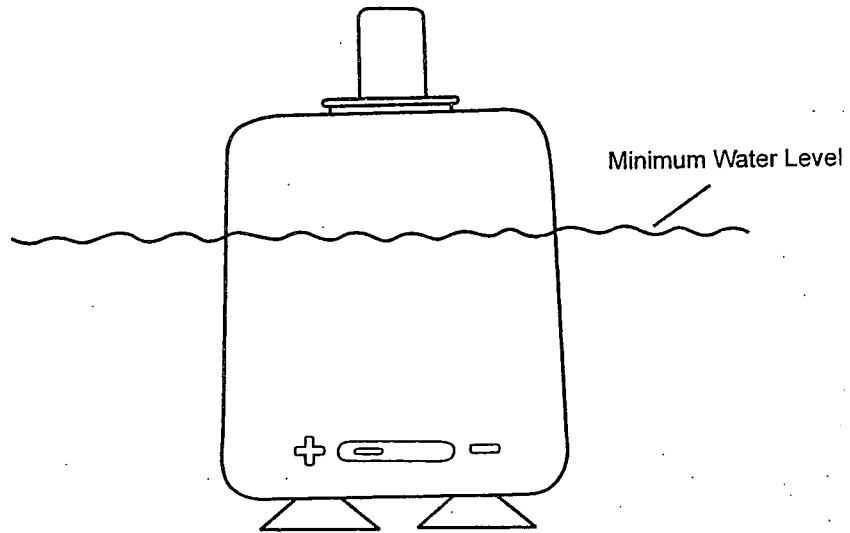
- Always disconnect from electrical outlet before handling the pump.
- Do not let the pump run dry.
- Do not lift the pump by the power cord.
- Operate in freshwater only.
- Operate pump completely submerged for proper cooling.
- The supply cord of this appliance can not be replaced; if the cord is damaged, the appliance should be discarded.
- Disconnect the appliance from supply mains before putting hands into water.
- The maximum depth immersed in water for the appliance is 90cm.

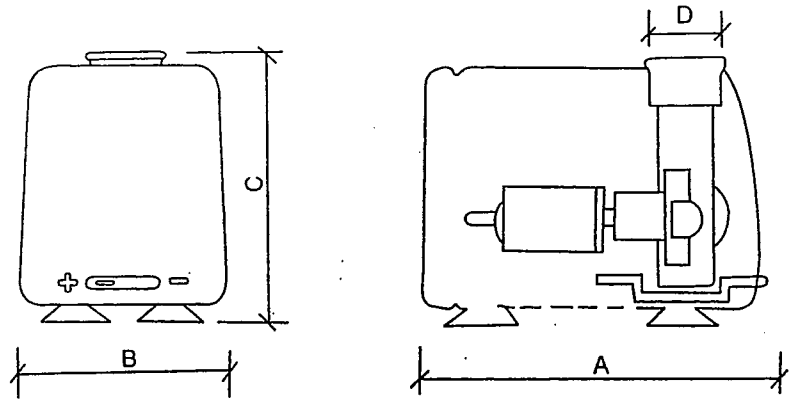
■ PERFORMANCE

A clogged or dirty intake screen will greatly reduce performance. If the pump is used on a dirty surface, raise it slightly to reduce the amount of debris contacting the intake. If less flow is desired, adjust the flow control lever

ATTENTION:

In order to get best result, please operate pump completely submerged.
Keep the water level above the minimum water level all the time.

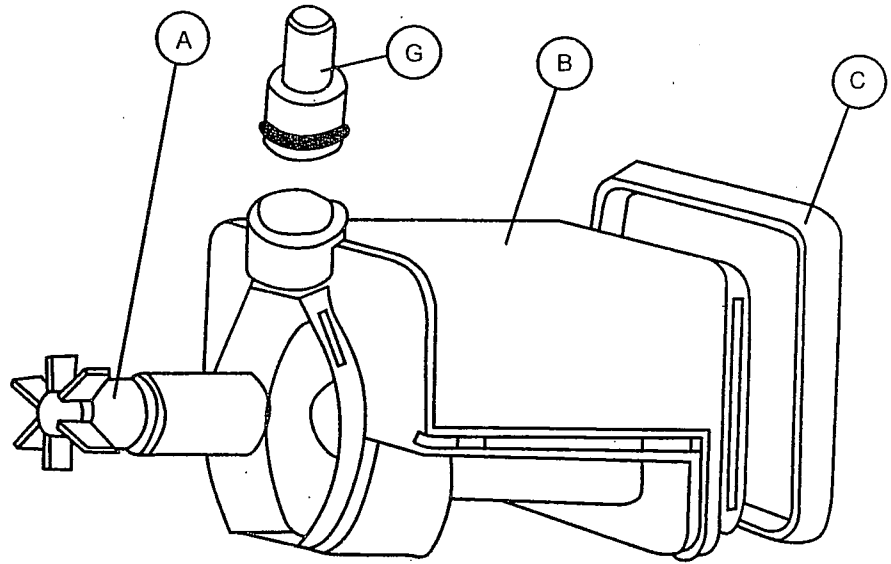




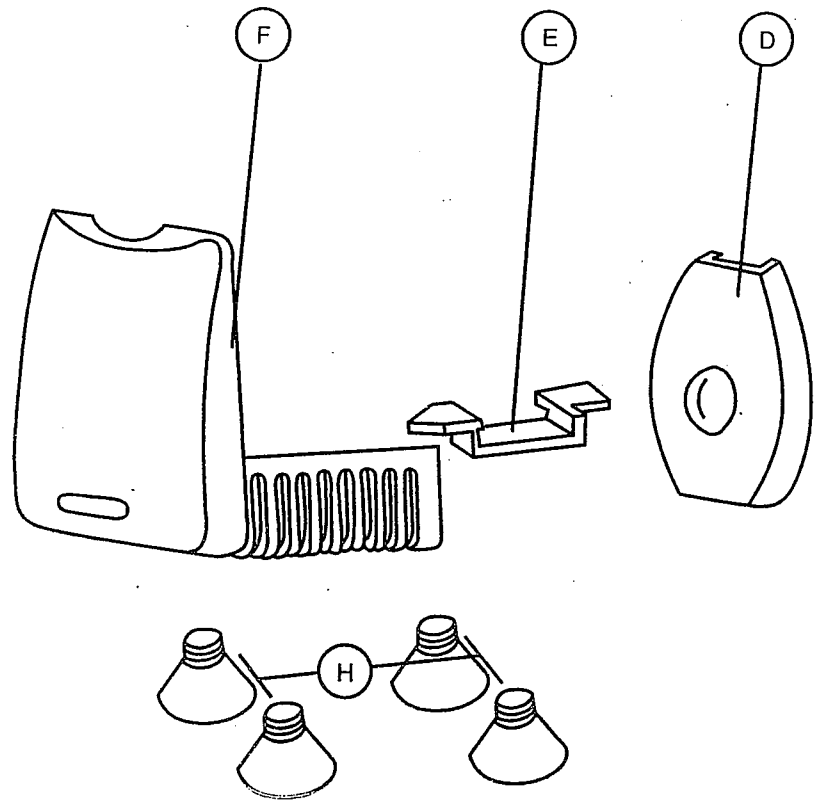
	HZ	RPM	Watt	A	H/cm	L/h	G/h
115V	60	3600	6	0.09	41	250	66
220V 240V	50	3000	6	0.033	42	240	63

mm

A	64
B	40
C	45
D	Ø13



	A	B	C	D	E	F	G	H
115V	8810	8820	8830	8840	8850	8860	8870	8880
220V 240V	8811							



■ WARNING

- This pump is supplied with a grounding conductor and a grounding type attachment plug. To reduce risk of electric shock, connect only to a properly grounded outlet.
- Do not remove the grounding pin from the plug.
- Do not connect to any voltage other than that shown on the pump.
- Do not pump flammable liquids.
The National Electric Code requires that a ground fault circuit interrupter (GFCI) be used in the branch circuit supplying fountain pumps and other pond equipment. See your electrical supplies dealer for this device.
- To reduce the risk of electrical shock, use only on portable self-contained fountains no larger than 5 feet in any dimension.
- Do not use with water above 30°C