

100 mm

Waterfall Pumps

BUFFALO FLOATING WATER PUMP

INSTRUCTION MANUAL

PC55000



200 mm

WARNING:
This product should not be handled by those who are mentally impaired or children.

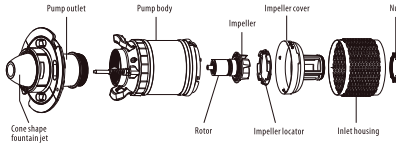
www.redrhino.co.za

Thanks for buying our pump. To ensure you use the pump safely and correctly, please read carefully and thoroughly this instruction and save for future use.

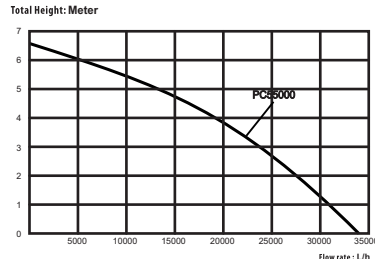
FEATURES

- High efficiency with large flow and high head height
- Wearing resistant with ceramic bearing
- Rigid and corrosion resistant with engineering level plastic with stainless steel.
- Easy dismantling for maintenance.
- Inbuilt overheat protection
- This pump works with floaters (not included) to create stunning fountains in pond or lake.

PRODUCT DIAGRAM



PERFORMANCE DATA



IMPORTANT SAFETY INSTRUCTIONS

- Please operate the appliance under the rating voltage and frequency indicated on the pump rating label or manual instructions.
 - A 30mA residual current device must be fitted to the mains supply to keep safe.
 - Before cleaning or moving the pump, disconnect the pump from power sources.
 - The power cord is not replaceable. If the power cord or the plug is found hurt or damaged, or the plug is found aged, stop using the pump immediately. Return the pump to the retailer / distributor for disposal, or dispose it by yourself.
 - DO NOT attempt to change plug or shorten power supply cord by yourself and DO keep the plug dry.
 - DO NOT pull the power cord to move the pump. We recommend fitting a lifting cord to the handle on the top of the outer housing.
 - DO NOT operate or leave the pump in freezing conditions.
 - DO NOT allow the pump to run dry.
 - DO NOT allow children or the elderly to operate the pump.
 - This pump is for use in clean fresh water only. Make sure the water temperature is not more than 40°C. Do not use it with corrosive or inflammable liquids.
 - If the pump is used with hard water (water with high content of calcium or scale), the pump and the rotor assembly should be cleaned regularly.
 - DO NOT use the pump in swimming pool, or in water that human may be exposed to. This pump is for submersible use only.
 - **DO NOT RUN THE PUMP WITHOUT WATER.**
- THE WATER LEVEL SHOULD BE ABOVE THE STAINLESS STEEL HOUSING. OTHERWISE, PLEASE DISCONNECT THE PUMP FROM THE POWER SUPPLY.**

THERMAL OVERLOAD PROTECTION

This pump is configured with self reset thermal overload protection. If the motor overheats, the protection device will cut off the power automatically. If this occurs, switch off the power at the mains supply to the pump. Check for the cause. Usually it will be debris blocking the inlets of the pump or obstructing the impeller. Remove the obstruction and wait for 15 minutes. When the motor cools down, switch on the pump and the motor will start working again.

INSTALLATION

This product is packed almost ready-to-use. Fit the outlet to the pump tightly and you can start to use it.

The pump is configured with 2 kinds of outlets:

- A regular outlet for water circulation;
- An outlet assembly with a cone shape fountain jet to create landscapes.
 - A. To create a volcano fountain, assemble as below.

Front

B. To create a foam shape fountain, assemble as below.

MAINTENANCE

If the flow or the landscape is found to have any sign of decrease, check if the power supply is stable, or if there is any waste, such as tree leaves or weeds, blocking the inlet housing. Regularly clean the impeller and components of the water pump to ensure the pump operate in good condition.

Follow the steps below for cleaning:

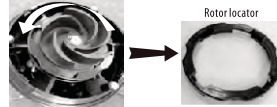
- Disconnect from power source and move the pump to a dry and safe place.
- Turn counterclockwise to release the nut at the bottom of the pump, then detach the stainless steel housing from the pump body. Clean the waste attached to the holes of the housing.

Turn the nut counterclockwise to release

- Use cross screwdriver to release the screws on the impeller cover, then follow the arrow direction on the impeller cover to release and remove the impeller cover from the pump body.

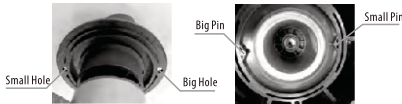
Release the screw on the "down" arrow. Then turn in the "open" direction.

d. Turn the rotor locator counterclockwise to release the rotor/impeller assembly and take it out.



e. Clean rotor, impeller, impeller well and impeller cover with running water.

f. After cleaning, assemble the rotor carefully to the pump body. Make sure the holes on the impeller plate align to the pins on the pump body. Note the 2 holes/pins are of different sizes and don't mismatch.



g. Inspect the installation of the rotor assembly by turning the impellers gently. The impeller should rotate smoothly.

h. Assemble the impeller cover. Make sure the down arrow aligns to the line on the rim of the pump body, turn in the "close" direction, then lock it with screws.



i. Inspect again the installation of the rotor assembly by turning the impellers from the water inlet of the impeller cover. The impellers should rotate smoothly. Then assemble the stainless steel housing.

Clean the pump at least once a month. More frequent cleaning might be needed depending on the water condition.

For wearing parts like the impeller kit, approach the local retailer / distributor for replacement. You need to pay for the wearing parts if the pump has been used for over 1 year.

If the pump is used with hard water (water with high content of calcium or scale), the deposit in the pump or on the surface of the rotor/impeller will cause jamming of the rotor, thus cause overheating of the product and trigger the action of thermal protector. In this case, the pump should be cleaned regularly. To remove the deposit, disassemble the pump, submerge all the parts in weak acid solution, such as vinegar, for hours, then rinse with clean water.

Warranty Card

Product _____
 From which shop _____
 Shop Address _____
 Date of purchase _____ / _____ / _____
 Shop signature _____
 Purchaser signature _____

This product is warranted to be free of defects in manufacturing and material for one (1) year from the date of purchase. Please note that, this warranty does not cover below conditions:

1. Damages resulting from accident, misuse or abuse.
2. Damages not caused by defects of pump.
3. Incidental or consequential damages like any loss of fish, plants or other livestock not as a result of any failure or defect of this product.
4. Damages resulting from self-disassembling or maintenance not in the authorized sites.
5. Damages resulting from natural disasters.
6. Quality Warranty date expired.

DISPOSAL: Do not dispose this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary. This product must not be disposed together with the domestic waste. This product has to be disposed at an authorized place for recycling of electrical and electronic appliances. By collecting and recycling waste, you help save natural resources, and make sure the product is disposed in an environmental friendly and healthy way.

Made in the P.R.C

Back