



Neptune Hydroponics pumps instruction manual



Preface.

Thank you for purchasing Neptune Hydroponics pumps. In order to better use the pump and protect you from the danger, please look through this instruction carefully before use, and keep it well for your future reference.

Features & Technical Parameter.

- 1.This series have been equipped with the thermal protectors in order that the motors will be able to cut off the power automatically once the motors get too hot while their working.
- 2.The series have lower electric consumption and longer life expectancy due to the special motors and scientific design.
- 3.Main parameters and detail data are as following:

Style	Voltage/frequency	Power(W)	H-Max(m)	Output(L/h)	Deepness-Max(m)
NH600	220V~240V/50Hz	10	1.0	600	2
NH800	220V~240V/50Hz	18	1.3	800	2
NH1000	220V~240V/50Hz	22	1.6	1000	2
NH2000	220V~240V/50Hz	55	2.5	2000	2
NH3000	220V~240V/50Hz	85	3.5	3000	2
NH4500	220V~240V/50Hz	100	4.5	4500	2

Applications.

- 1.Can be used as the power head in the ponds, fountains, channels, falls, etc.
- 2.Can be used on hidroponics and drippers systems.

Instructions for Use.

When using, firstly choose the proper outlet to connect with shells firmly and later connect with the tubing. Both the outlet and the tubing must be mingled by the clamp. If you use the series on the flat or on the walls, please equip the series with the rubber feet. If you use them on the bottom of the pond, please stick them with the proper sticks and nails. After fastening the series, you can use the pumps.

Warnings.

- 1.Make sure the voltage and frequency you use are the same as the ones indicated in the pump's nameplate.
- 2.Make sure the media's temperature is between 0 and 35 .
- 3.While you carry the pumps, please hold the handles.
- 4.The pump must be supplied through a residual current device (RCD) having a rated residual operating current not exceeding 30mA.
- 5.The supply cord cannot be replaced. If the cord is damaged the appliance should be scrapped.
- 6.If the pumps work without water, they will get easily damaged.
- 7.While using the series in the pond or river, please put them in the position where there is less sand.
- 8.If the pumps work wrongly, please maintain it after cutting off the electricity. If lines or other electrical parts destroyed, you must ask the technicians of factories or products agent to mend it.
- 9.Please clean the bearing and filtering casing regularly.
- 10.While dismantling the series, please pay attention to the safety in the process of putting the impellers because the impellers have the magnetic.
- 11.Mustn't be used in the media of saline-alkali.
- 12.Meaning of crossed-out wheeled dustbin:



-Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities. Contact your local government for information regarding the collection systems available.

-If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the ground-water and get into the food chain, damaging your health and well-being.

-When replacing old appliances with new ones, the retailer is legally obligated to take back your old appliance for disposals at least free of charge.

Maintenance.

If you do not use the pumps for a long time, you had better let them work for a while in the clean water, then clean the pumps' insides with clean water, polish them clearly and dry by air before packing.

