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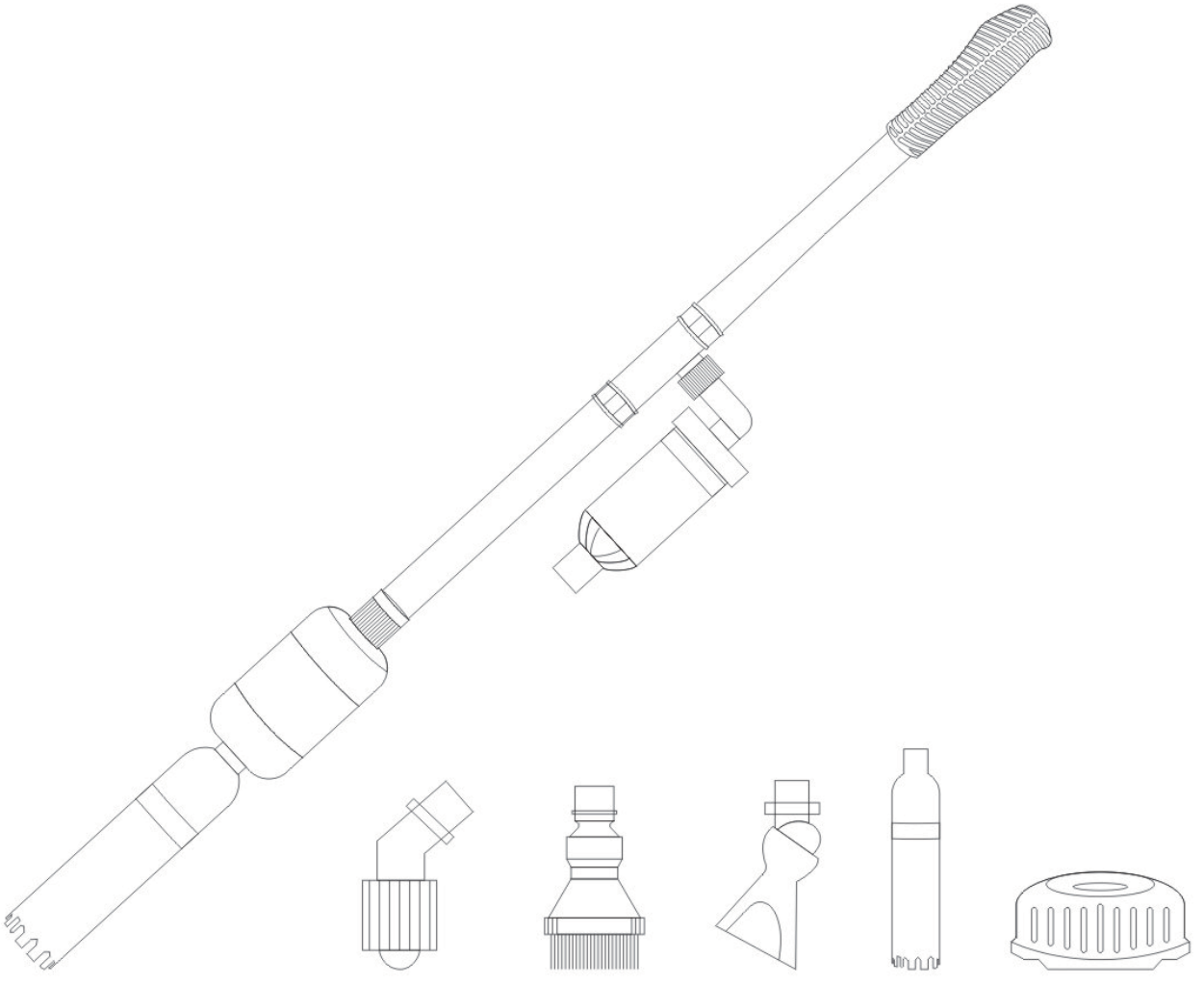
HG-955 USER MANUAL

Hygger Electric Vacuum Gravel Cleaner

HG-955/HG-955-AC



Hygger Electric Vacuum Gravel Cleaner is a versatile tools to clean gravel, wash sand and change water. Please read this user manual carefully before using and follow strictly in accordance with the manual.

WARNING:
Always keep the connector of wire away from water.

1. PRODUCT FEATURES

Multi-function :
This vacuum cleaner can be used for water change, fish waste cleaning and sand washing.

Powerful Vacuum :
Water pump provides strong water flow, power enough to change water, suck out debris and fish waste out of aquarium quickly.

Adjustable Handle :
Aquarium gravel cleaner with 4 extension tubes for a total length of 40.5 inch. It can be extended from 11.4 inch to 40.5 inch. Applied to most aquariums, short or tall.

Easy to assemble:
Quick assemble in just few minutes. Always keep water pump fully submerged.

Specifications:

Model	HG-955	HG-955-AC
Power	20W	15W
H-MAX	3m(9.85 ft)	1.5m(4.92ft)
F.MAX	396 GPH	360 GPH
Voltage	DC12V	AC110V 60HZ
Line length	5m(16.4 ft)	2.8m(9.2ft)
Outlet	16mm (5/8")	16mm (5/8")

2. METHOD OF APPLICATION:

11 Sand washing head×1

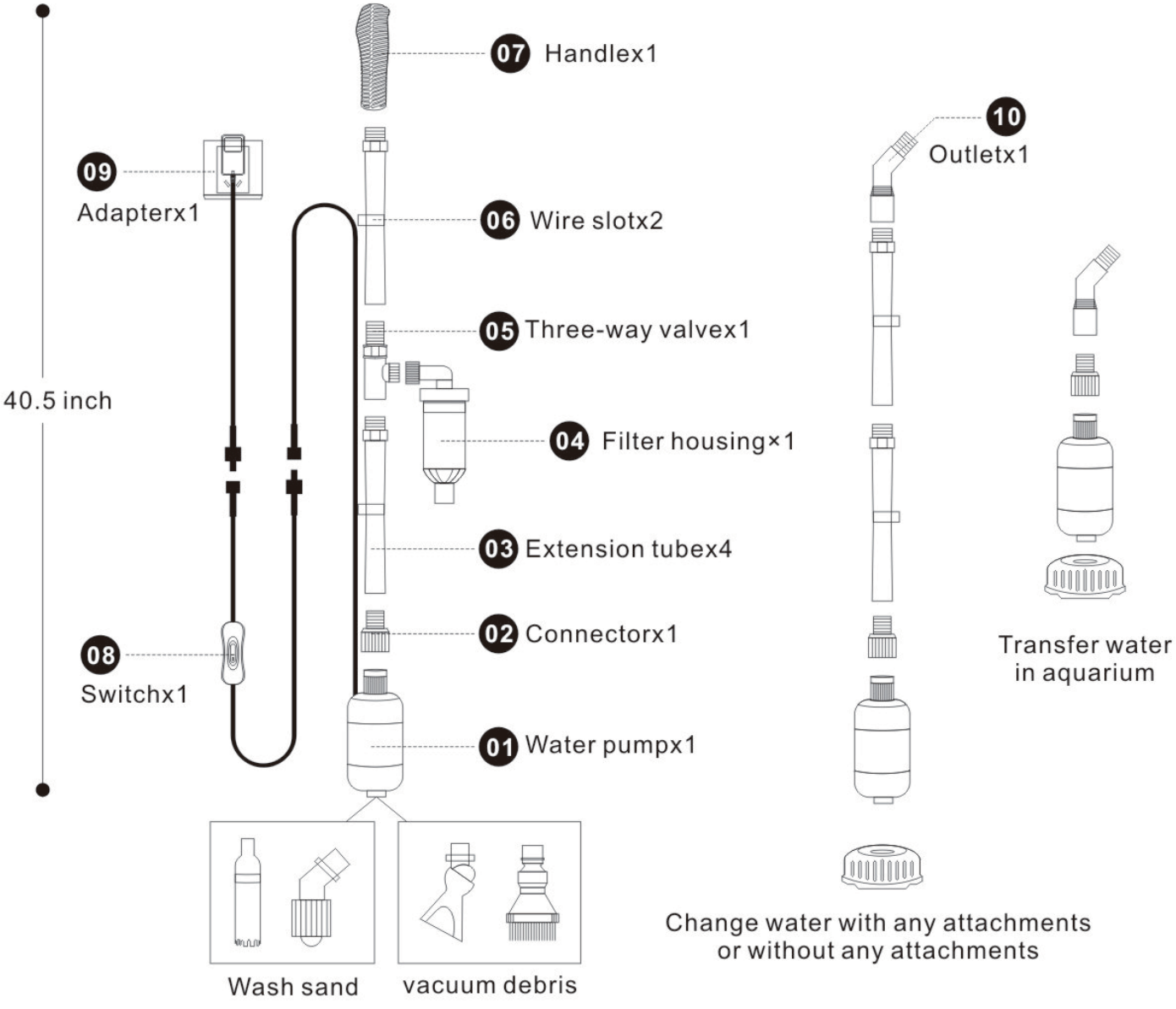
12 Brush Headx1

13 Debris vacuum×1

14 Sand vacuum×1

15 Intake strainer×1

16 Water pipex1x2m



	Debris vacuum	Remove debris	Absorb fish waste and other debris
	Brush Head		Clean the dirt into the filter
	Sand washing head	Wash sand	Wash large gravels
	Sand vacuum		Quick wash sand, separates and removes debris
	Intake strainer	Water change	Keep large gravel from entering pump to prevent blockage while operating
	Outlet	Outlet	Connect soft water pipe to change water

✓ You can attach any attachment to do water change.

✓ When use the gravel cleaner in aquarium,please keep the filter housing out of the water.

✓ Regularly take filter housing out and clean filter sponge .

✓ Filter sponge can be replaced by any other brand sponges, filter pads.

3. ATTENTIONS:

Please read this user manual carefully before using and follow strictly in accordance with the manual.

✓Do not run dry.

✓Please keep water pump completely submerged when it is on duty.

✓ Please keep it away from the children.

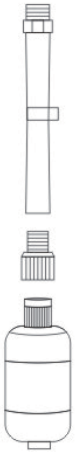
✓ Do not use this gravel cleaner if the power lead damaged.

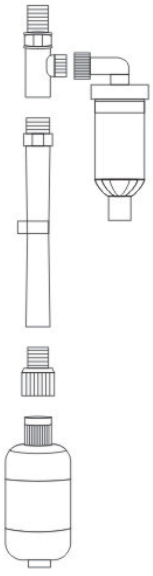
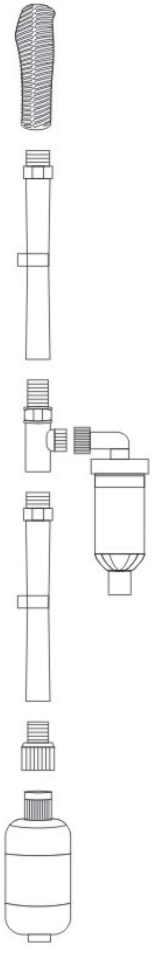
✓Do not use the gravel cleaner in flammable and corrosive liquid.

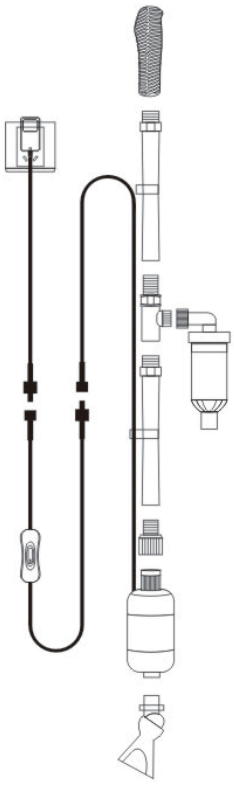
✓Do not use the water changer in too hot or too cold water(temperature above 45℃ or under 0℃). It would damage the pump.

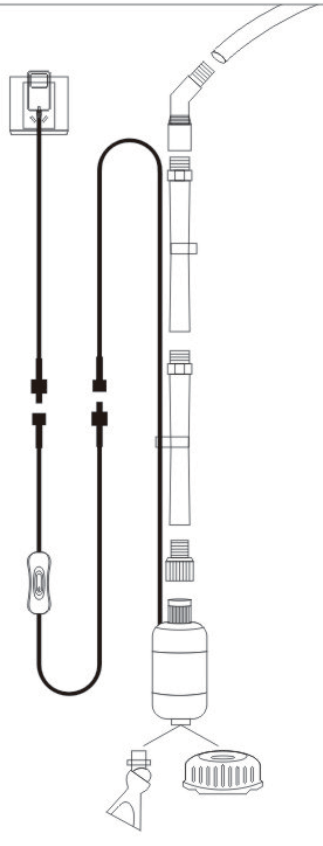
4. ASSEMBLE INSTRUCTION

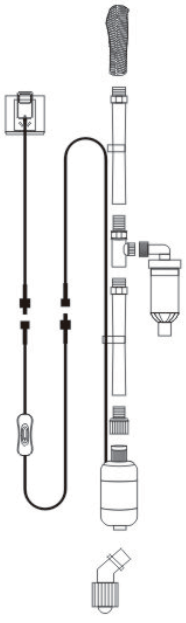
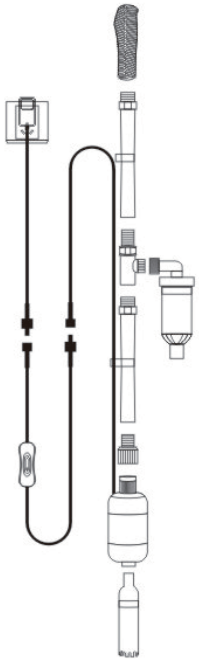
Please follows below steps to assemble. Use sand vacuum when sand washing.

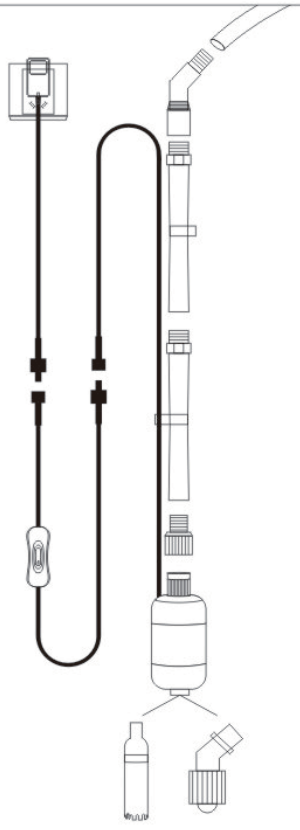
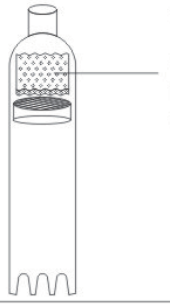
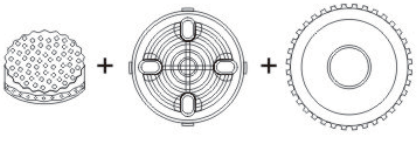
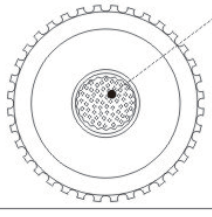
Application Environment	***Purpose***	***Assemble***	***Instruction***
Without gravel in the tank	Remove debris	❶	1.Screw connector onto the water pump
		❷ 	2.Connect it with the extension tube
		❸	3.Connect with the three-way valve

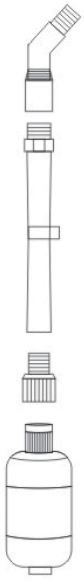
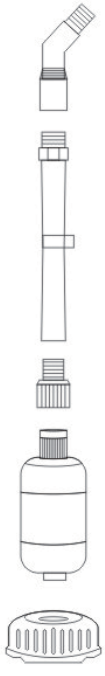
		❹ 	4.Connect the filter housing to the three-way valve
		❺ 	5.Connect one section of extension tube or handle to the three-way valve

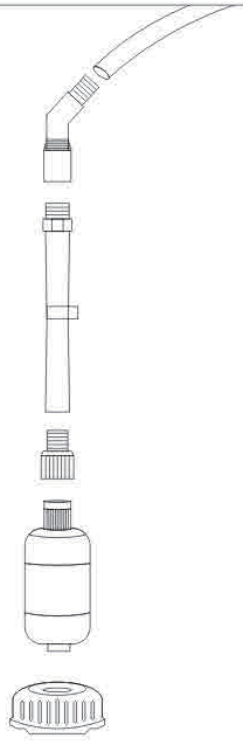
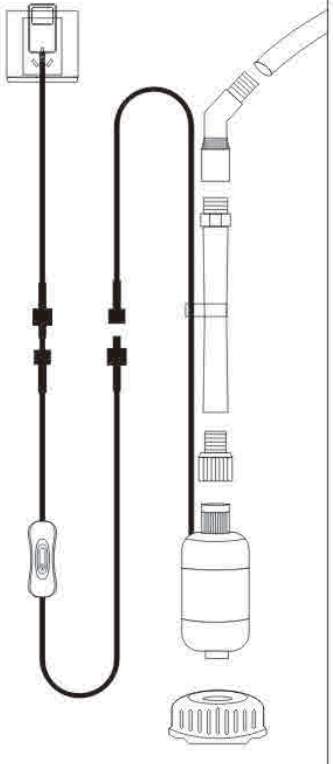
		❻ 	6.Connect the debris vacuum to the water pump. Clip electric wire on wire slot to fix the wire. Then put the gravel cleaner in the tank and you’re good to go *Note: When removing debris, water flow back to aquarium, do not connect with water hose

Without gravel in the tank	***Change water***		You can assemble any attachments to do water change

Application Environment	***Purpose***	***Assemble***	***Instruction***
There is gravel in the tank	Remove debris & wash sand	**1** 	Use sand washing head to wash coarse sand
		2 	Using sand vacuum to wash fine sand, pull out debris from gravel in case sand suck into water pump *Note: 1.Place sand vacuum into gravel 2.Keeps sand vacuum upright and slightly lift the device to do the cleaning horizontally 3.Repeat previous steps until gravel is clean

There is gravel in the tank	***Water change***	  Figure1  Figure2  Figure3	Use sand washing head or sand vacuum to transfer water Low water level water change: take out a sponge pad from sand vacuum and put it onto the intake strainer. As shown in figure 1,2,3 Note: Chooses appropriate attachments to avoid impeller blocked.

Application Environment	***Purpose***	***Assemble***	***Instruction***
Refill: Put the gravel cleaner into bucket	Intake strainer	**1** 	Connect outlet on the end of extension tube
		2 	Connect the intake strainer to the water pump

		3 	Connect the water pipe to the outlet
		4 	Place the gravel cleaner into bucket, plug in power

5. WARNING: To guard against injury, basic safety precautions should be observed including the following:

1. Read and follow this user manual strictly.

2. DANGER-To avoid possible electric shock, special care should be taken since water is employed in the use of aquarium equipment. For each of the following situations, do not attempt to repair yourself; return the pump to an authorized service facility for service or discard the pump.

A. If the pump shows any sign of abnormal water leakage or RCD(or GFCI-Ground Fault Current Interrupter), unplug the power and remove the pump from water.

B. Carefully examine the pump after installation. It should not be plugged in if there is water on parts not intended to be wet.

C. Do not operate the pump if it has a damaged cord or plug, if it is malfunctioning or if it is dropped or damaged in any manner. The power cord of this pump cannot be replaced, if the cord is damaged, the pump should be discarded.

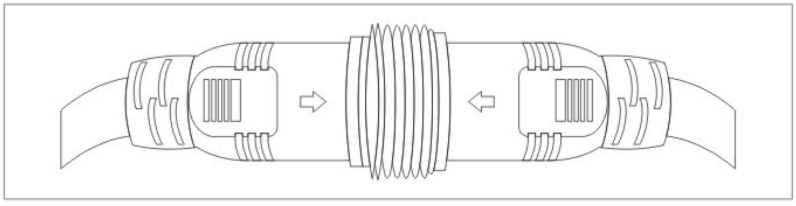
D. To avoid the possibility of the pump plug getting wet, position aquarium stand and tank to one side of a wall mounted receptacle to prevent water from dripping onto the receptacle or plug. A "drip loop", shown in the figure below, should be arranged by the user for each cord connecting the pump to the receptacle. The "drip loop" is the part of the cord below the level of the receptacle, or the connector. If an extension cord is used, to prevent water traveling along the cord and coming in contact with the receptacle. If the plug or receptacle does get wet, DO NOT unplug the cord. Disconnect the fuse to the circuit breaker that supplies power to the pump. Then unplug and examine for the presence of water in the receptacle.

E. ① Insert the cable plug into the jack. Pay attention to the arrow in the same horizontal line,shown in the figure below

② Tighten the knob.

③ The connector is not waterproof,please keeping it away from water,otherwise accidents are likely to occur.

④ The hygger's cable or adapter can not be matched with other brand product, otherwise,accidents are likely to occur.



3. Close supervision is necessary when the pump is used near children.
4. This pump is not allowed to use by persons(including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the pump by a person responsible for their safety.
5. To avoid injury, do not contact moving parts or hot parts and so on.
6. Always unplug the pump from the outlet when not in use, before putting on or taking off parts, and before maintenance or placing hands in the water. Never yank the cord to pull plug from outlet. Grasp the plug and pull to disconnect.
7. Do not use the pump for other than intended use. The use of attachments not recommended or sold by the appliance manufacturer may cause an unsafe condition.
8. Do not install or store the pump where it will be exposed to the weather or to temperatures below freezing. This pump is suitable for use in water temperatures 40~ 95℉.
9. Do not submerse more than 3ft of water depth.
10. Do not run dry or out of water.Keep water pump completely submerged.
11. Only use in freshwater or saltwater, do not use the pump in other liquids.
12. Make sure the pump is securely installed before operating it.
13. Read and observe all the important notices on the pump.
14. If an extension cord is necessary, a cord with a proper rating should be used. A cord rated for less amperes or watts than the appliance rating may overheat. Care should be taken to arrange the cord so that it will not be tripped over or pulled.
15. The pump is intended FOR HOUSEHOLD USE ONLY. Do not use or mount this pump in such a way that the top vents are restricted or blocked. These vents are necessary to avoid over heating and ensure safe operating temperatures.
16. Due to all the pumps need to be professional water testing by manufacturer before shipment, if the water pump you received with a little water, please don't worry, the little water was left from professional water testing, it is a normal phenomenon. It is new and normal pump.
17. SAVE THIS USER MANUAL.

6. Troubleshooting:

	Reasons	Solution
Pump stopped working	1.The power is not connected 2.Water pump damaged 3.Impeller blocked 4.Out of the water	1. Plug in power 2. Replace water pump 3. Take it out and clean motor 4. Submerge it completely
Noise	1.Motor blocked 2. Motor worn or broken	1.Take it out and clean motor 2.Replace motor
Insufficient water flow	Impeller damaged	Replace impeller

7. PACKAGE INCLUDED:

HG-955	HG-955-AC
1 x Rod handle(4pc extension tubes+ 1 pc handle+ 1pc water pump)	1 x Rod handle(4pc extension tubes+ 1 pc handle+ 1pc water pump)
1 x Sand Vacuum	1 x Sand Vacuum
1 x Debris Vacuum	1 x Debris Vacuum
1 x Brush Head	1 x Brush Head
1 x Sand Washing Head	1 x Sand Washing Head
1 x Water Pipe	1 x Water Pipe
1 x Filter Housing	1 x Filter Housing
1 x Adapter	1 x AC Socket

8. WARRANTY:

1. 1-year free warranty.
2. 1-month free return.
3. Free replacement for 3 months.
4. Contact information:

E-mail: Support@petnannystore.com Website: www.petnannystore.com

Thank you for choosing Hygger, making aquarium keeping easier one product at a time.

If you have any problems or suggestions for the gravel cleaner, please contact us by email before leaving feedback or opening a case, it will be the fastest way to solve your problem. If you are satisfied with the gravel cleaner, please leave positive feedback for our product, in order to let more customers enjoy it. Thanks again!