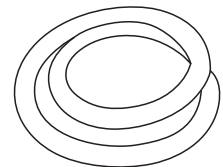
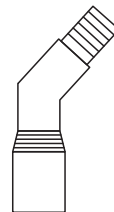
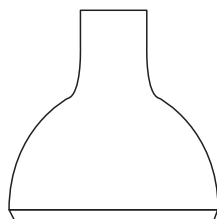
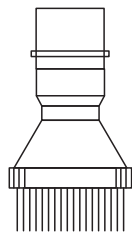
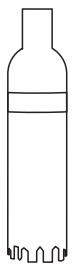
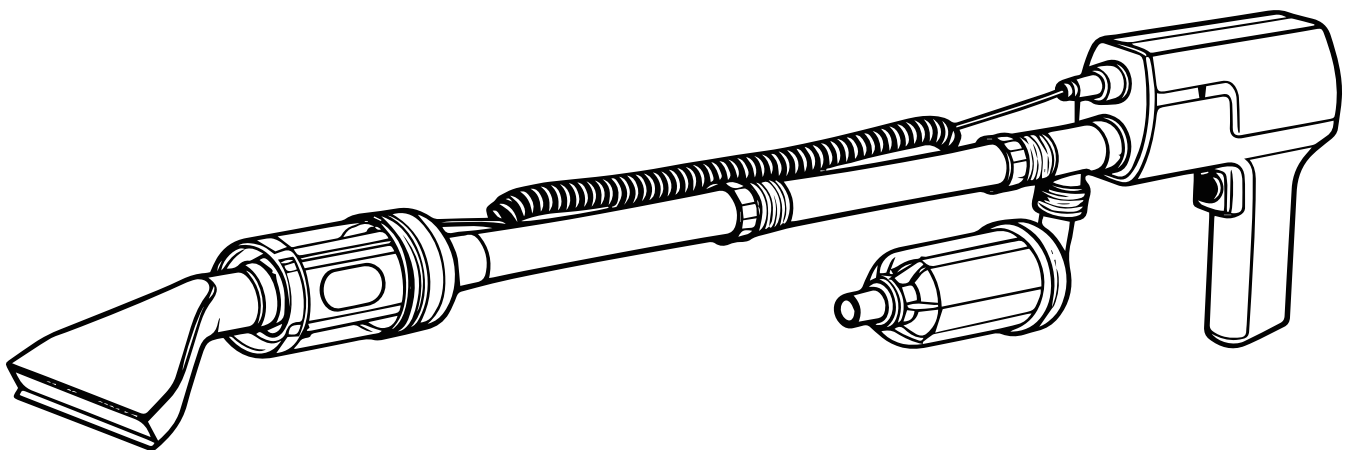




HG296 USER MANUAL

hygger AquaGrip DC Aquarium Water Changer



hygger AquaGrip DC Aquarium Water Changer is a versatile tool to clean gravel, wash sand and change water. Please read this user manual carefully before using it and follow strictly in accordance with the manual.



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

1. PRODUCT FEATURES

Dual-purpose Water Changer: Automatic and Manual Water Pumping: This vacuum cleaner can be used for water change, fish waste cleaning and sand washing and tank brush cleaning. Manual operation can switch to the free time water changer.

Anti-block Special Design Water Pump and Powerful Vacuum: Special water pump design to avoid the gravel block. Small but strong water flow.

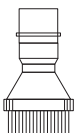

Adjustable Handle, Adjustable Water Speed: Aquarium gravel cleaner with 4 extension tubes for a total length of 103cm. It can be extended from 29-103cm. Applied to most aquariums, short or tall. And water speed is adjustable as needed.


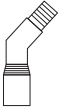
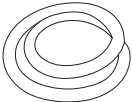
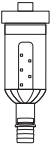

Upgrade Vacuum Device: It allows the water pump to work more efficiently.

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

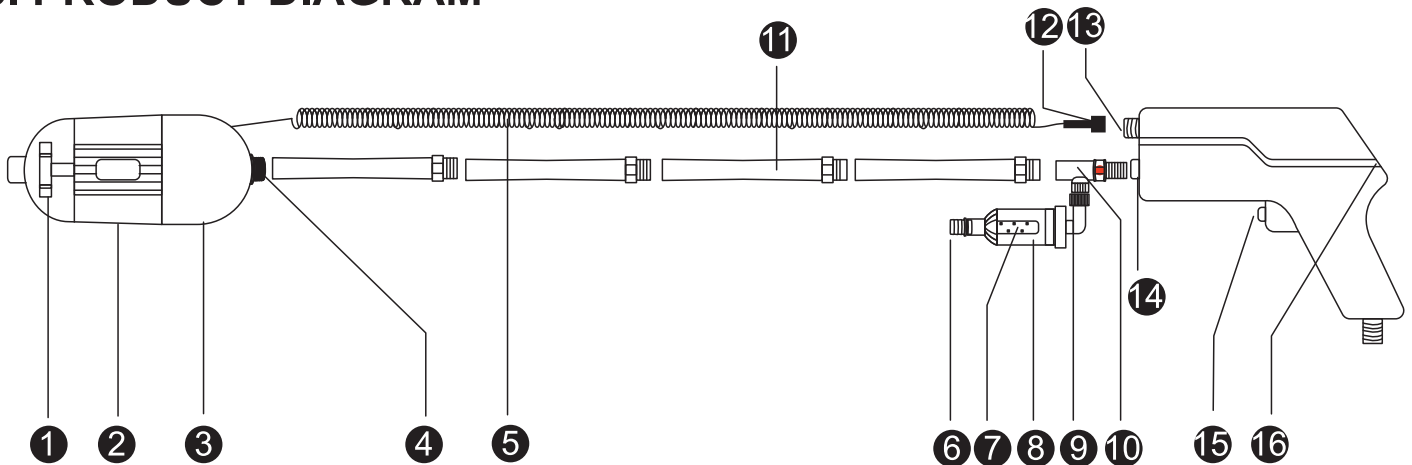
2. SPECIFICATIONS

Model	HG296-DC
Water Pump Power	15W
Pump Head	9.85Ft(3M)
Water Flow Rate	528GPH(2000L/H)
Voltage	DC 12V 1A
Hose Diameter	Inner: 15.6 (mm) Outer: 19 (mm)
Cord Length	Spring power cord:1.5Ft (0.46m) DC wire :4.9Ft(1.5m)

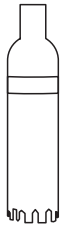
Accessories Function Instruction		
Picture	Product Name	Function
	Brush Head	Remove debris: Clean the dirt in the tank, and suck it into the filter cup to clean it.
	Sand Vacuum	Rapidly separates and removes debris.

Picture	Product Name	Function
	Scraper	Algae scraper, suck the dirt into the filter cup.
	Outlet	Connect with the cleaner and transfer the water in or out.
	Outlet Hose	Enables water transfer (in/out) and can also be linked to a filter cup for internal tank circulation.
	Filter Cup	Filter the dirt from the water tank. Please clean the sponge in time when it gets dirty.
	Three-way Valve	Connector and vacuum tee

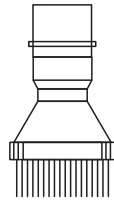
3. PRODUCT DIAGRAM



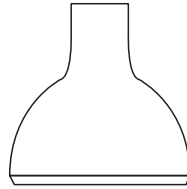
- | | |
|---------------------|-------------------------|
| ① Impeller | ⑨ Elbow tube |
| ② Pump cover | ⑩ Three-way valve |
| ③ Water pump | ⑪ Extension tube |
| ④ Water pump joint | ⑫ DC male plug |
| ⑤ Spring power cord | ⑬ Power connecting port |
| ⑥ Water outlet | ⑭ Screw connecting port |
| ⑦ Filter sponge | ⑮ Intermittent switch |
| ⑧ Filter cup | ⑯ Control panel |



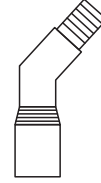
Sand Vacuum



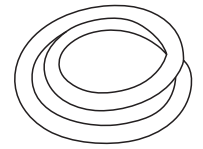
Brush Head



Scraper

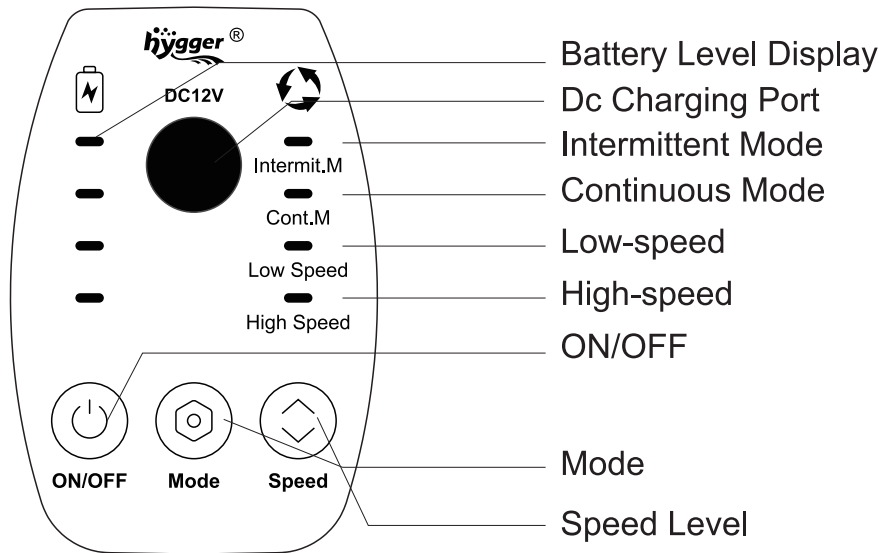


Outlet



Outlet Hose


Controller Panel




① Designed for 12V DC operation only. Do not use a power supply with a voltage other than 12V.

② When all 4 indicator lights are on, it indicates the battery is fully charged. Please charge the device in time when the last light starts to flash.

③ To turn the device ON/OFF, press and hold  for 2 seconds. Upon startup, the default mode is Intermittent Mode and Low-speed Mode.

④  Button: The button is used to switch between Intermittent Mode and Continuous Mode, controlling the pump to start or stop. The specific operation steps are as follows:

Step 1: Press  to select between Intermittent Mode or Continuous Mode. The corresponding indicator light will light up.


Step 2: In Intermittent Mode: Keep the red button pressed and held to run the pump. Release the button to stop the pump immediately.


Step 3: In Continuous Mode: Press the red button once to start the pump continuously. Press it again to stop the pump.

Note:

1.If excessive sand or gravel is found in the filter cup during cleaning, you can press the red button to stop the pump. This allows the debris to settle, preventing clogging of the filter cup.

2.If there is still air left in the pump and it stops working, you can press the red button to turn off the pump and then restart it. This allows the air to be expelled from the pump and restores its normal operation.

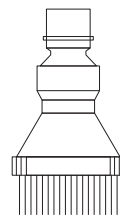
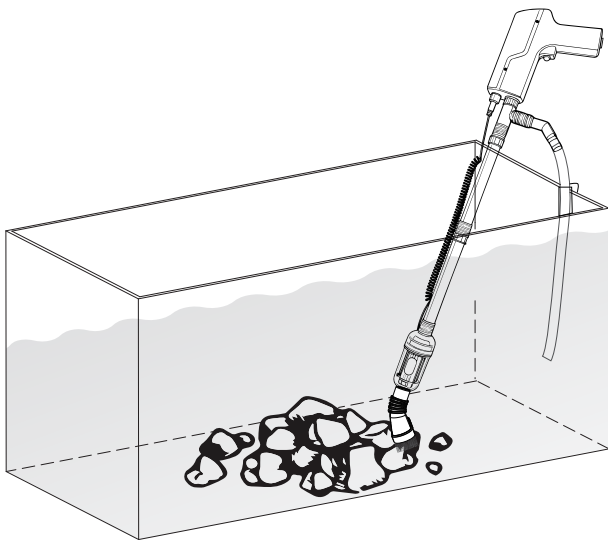
⑤  **Speed button:** Switch between Low-speed and High-speed mode.You can choose between 2 water output settings - Large and Low. The specific operation steps are as follows:

Step 1: Briefly press  to select Low-speed or High-speed Mode. The corresponding indicator light will light up.

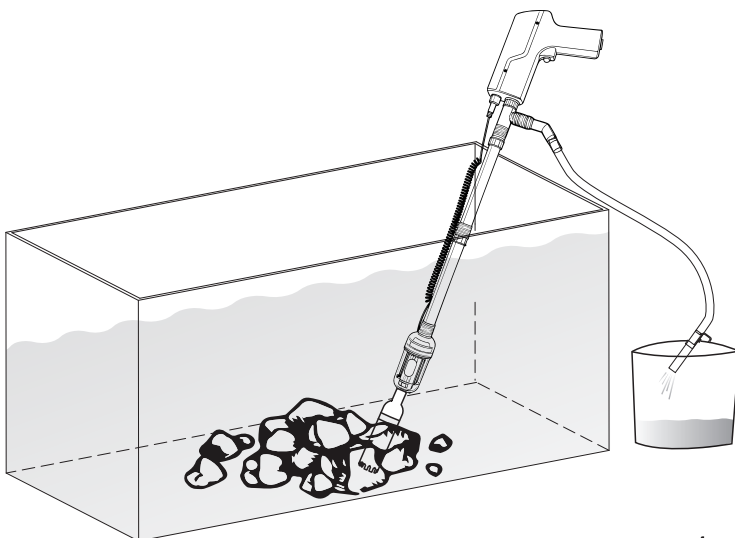
Step 2: In Low-speed Mode: Press and hold the red button to run the pump at Low Water Output. Release the button to stop the pump.

Step 3: In High-speed Mode: Press and hold the red button to run the pump at Large Water Output. Release the button to stop the pump.

4. APPLICATION USE

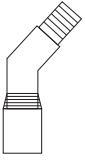


Brushing and cleaning

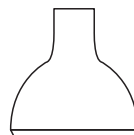
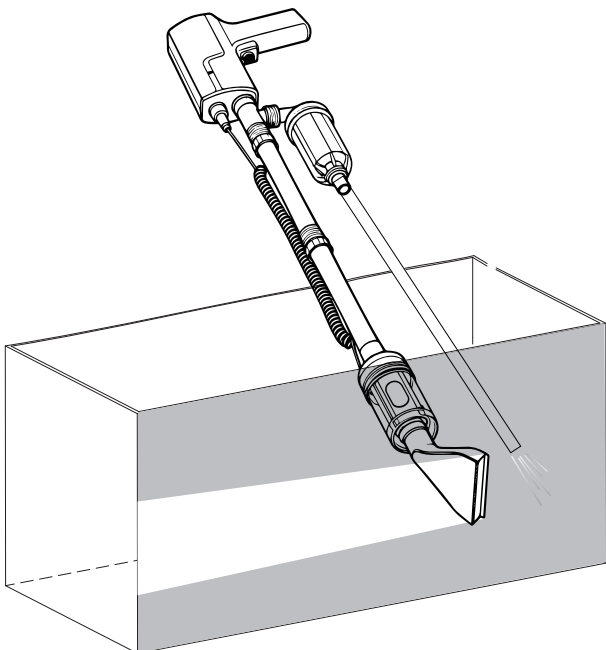
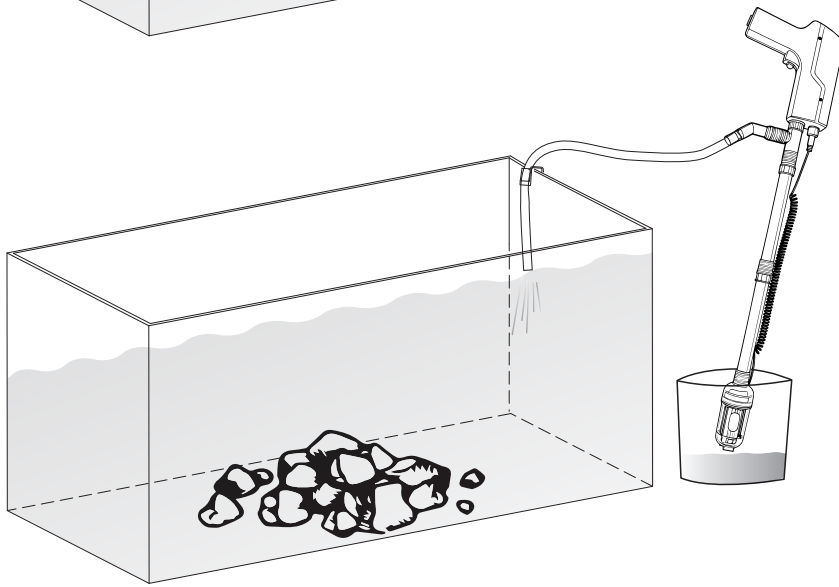
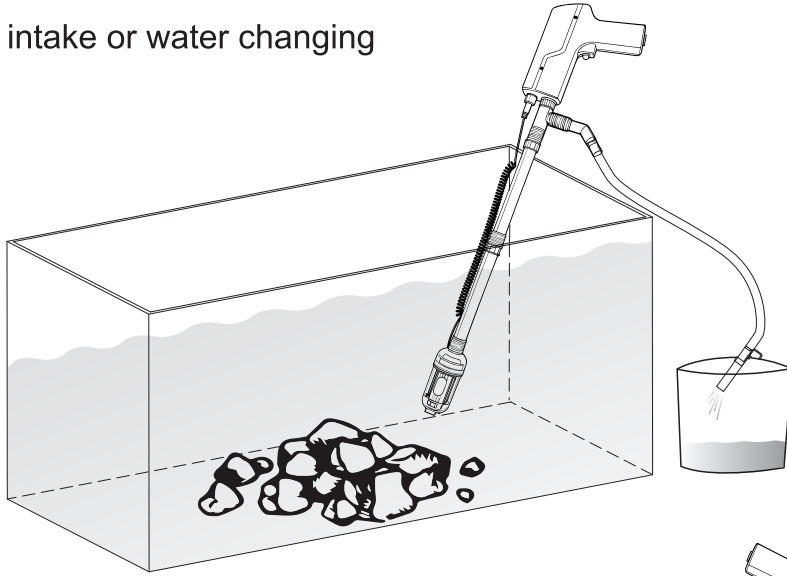


Wash gravel

Attention: Lift the filter cup quickly when removing sand and gravel impurities. Doing so prevents excessive sand and gravel from blocking the water inlet and keeps the cleaning effective.



Water intake or water changing



Scraper

Algae scraper, suck the dirt into the filter cup.

5. PACKING LIST

1x Water pump
1x Adapter
4x Plastic extendable tubes
1x Gun handle
1x Transparent sand vacuum
1x Filter cup

1x Brush head
1x Scraper
1x Hose clip
1x Outlet
1x Three-way valve
1x Water hose (2M)
1x User manual

6. DISPOSAL

Do not dispose of this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary. This product has to be disposed of at an authorized place for the recycling of electrical and electronic appliances rather than being disposed of together with the domestic waste. Collecting and recycling waste is a way of saving natural resources. So, please consult with your local seller to make sure the product is disposed of in an environmentally friendly way.



7. CONTACT INFORMATION

Contact us at www.hygger-online.com
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