

SUBMERSIBLE PUMP MANUAL INSTRUCTION

Components:

- 1- Corded pump body with leave filter built-in.
- 2- Base bracket with 4 suction cups.
- 3- Threaded nipple adapter 5.8mm (2 1/4") used with clear vinyl hose (not included) for custom installation (optional).
- 4- Threaded adapter 13.5mm (5 9/16") with manual flow control and 2.4mm (15/16") thread capped outlet (for custom extended water line usage, vinyl hose connection for optional application).
- 5- Extension tube 15mm (5 15/16") with one big end 1.9mm (3/4") & one smaller end 1.8mm (5/8").
- 6- Three spray nozzles:
 - *** 7mm (2 3/4") double lines showered spray.
 - *** 14.3mm (5 9/16") stream pattern spray (turn the center head counterclockwise to change the water flow).
 - *** 20mm (7 15/16") double heads shower spray.

Installation:

- 1- Pull the front filter grill off, align the two ridges on the base bracket with the two grooves at the bottom of the housing & slide it all the way in, snap the leave filter grill back in, attach the suction cups to a small piece of flat material (glass, plastic ...) & put a subject (brick, rock ...) under it to raise it up from the bottom of the pond (preventing all the debris to enter the filter)
- 2- Screw the 13.5mm (5 9/16") adapter with manual flow control to the threaded hole on the top of the pump body, **do not over tighten** (as there is a small black o ring on the end of the adapter which seals the gap).
- 3- Push the **small end** 1.8mm (5/8") of the tube extension into the adapter end snugly.
- 4- Choose the desired head and attach to the extension tube & adjust the manual control valve (on the threaded 13.5mm adapter) to reach preferred flow height (clockwise to decrease the flow).
- 5- Connect the plug to the **GFCI (Ground Fault- Protected Outlet)** to run the unit.