

# AquaClear Pro Series, how to install

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## Installing the AquaClear Pro Series

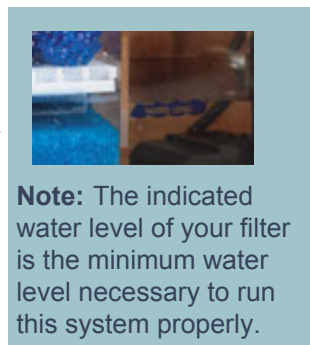
1. Overflow box
2. Pre-filter
3. Siphon tube (U-Tube)
4. Adjustable return spout
5. Spiral drain hose
6. Protein skimmer
7. Main filter bulkhead
8. Collection container
9. Vinyl tubing

Many hobbyists are aware of the benefits of a wet/dry filter but are intimidated by the installation. Following are step-by-step instructions for installing the AquaClear Pro Series Wet/Dry Filter to help demystify the plumbing process.\*

### Assembly:

\*The installation of wet/dry filters will vary slightly from product to product but will rely on the same principles illustrated here.

- 1 Assemble main filter with the [protein skimmer](#) and skimmer [pump](#) and place filter unit with protein skimmer under [aquarium stand](#) at desired location.
- 2 Hang pre-filter on back of aquarium after attaching siphon overflow box to pre-filter box. Place siphon tube (U-tube) into pre-filter box and connect one end of the spiral drain hose to the slip fitting of the pre-filter and the other end to the bulkhead on the main filter below.
- 3 Attach black adjustable return spout to one end of vinyl tubing (return line) and the other end of the vinyl tube to the return [pump](#) (sold separately).
- 4 Attach 1/4" vinyl tubing to remote drain (barbed output) on protein skimmer cup. Place other end of vinyl tubing into a remote collection container such as a 2-liter plastic soda bottle.



**Note:** The indicated water level of your filter is the minimum water level necessary to run this system properly.

### Operation:

- 1 Fill aquarium with water until water begins to fill the siphon overflow box (inside aquarium). Fill a portion of the pre-filter box (outside aquarium) until water begins to drain to the main filter below.
- 2 Start siphon. Add more water directly to the sump if the sump does not fill with



- 2 enough water to cover the return pump.
- 3 Start pump and protein skimmer once the pump is covered with water and is completely submerged. Continue adding water to sump until the water line mark is reached.
- 4 Adjust the black air valve leading to the venturi valves on protein skimmer. System is now operational.



**Expert's Tip** - Insert a small length of airline tubing into the siphon tube about halfway into the bend of the tube to start siphon.