

# Quanics

Engineering Water Solutions™

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## Installation Sheet

Pressure Filter



PDS-PF-1.5/2.0

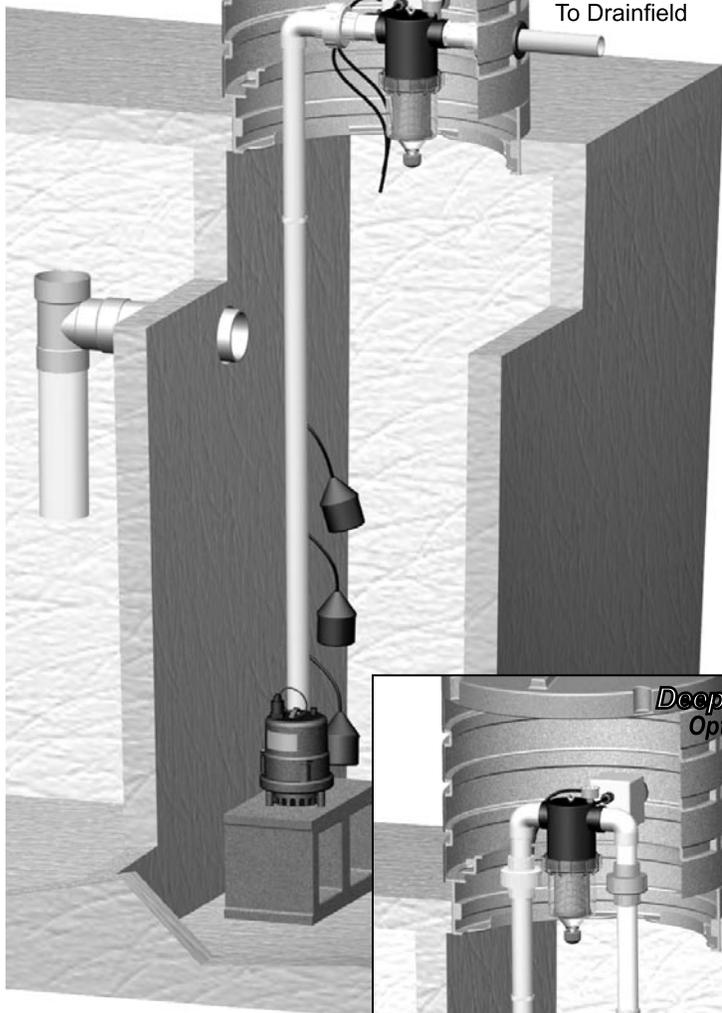
### STEP 1

Attached discharge pvc pipe to pump **leave pipe longer than needed.** Attached floats to vertical pipe. \*Set pump inside pump tank

### STEP 2

Riser assemblies vary, dry fit pressure filter assembly to one of the three instal options shown on this sheet to make sure of fit before gluing. Make sure flow direction arrow is pointing to outlet and assemble 1-1/2" or 2" pressure filter assembly as seen to right or for deep install see graphic at bottom. Using quick disconnects makes maintenance easier. With clear basin pointing straight down and making sure there is sufficient clearance for maintenance, glue pressure filter assembly to outlet pipe.

#### Shallow Install Option 2



### STEP 3

Assure filter screen is installed and clear basin is hand tightened. Attach nylon rope to safety teather located on top of filter. Secure to riser or other area to prevent filter from falling during maintenance. Horizontally align the pressure filter assembly and mark the pump discharge pipe from step 1 for cut. Cut off excess from the pump discharge pipe and glue the pressure filter assembly in place.

## MAINTENANCE

1. While the pump is on, check the pressure gauge located in the top of the unit. When the gauge reads 0 psi the filter element requires cleaning.  
**Note:** Gauge requires at least 5 ft. of head for accurate reading.
2. Turn the pump off.
3. Loosen the quick disconnects and remove the pressure filter assembly from the tank. Unscrew clear basin in a counter-clockwise direction.
4. Remove clear basin and filter screen. **Take care not to drop either part back into tank.**
5. Clean both using fresh water. Assure weep hole in bottom of clear basin drain port is free of material.
6. Do not use any type of metal brush or other instrument, which could damage the basin or filter screen.
7. **Quanics recommends** replacing the basin O-ring and filter screen every three years.

**Note:** As with all pump systems, the pump tank housing the Quanics Pressure filter should contain a high water alarm.

**\*Installing pressure filter onto discharge piping of an effluent pump located within the primary septic tank will result in damage to the filter and will void warranty.**

