

E INSTRUCTIONS FOR USING ALPINE'S PRESSURE FILTER:

The filter has been designed to be used outdoors, but it does not have to be submerged. Choose a more suitable place to install the filter. You will need to dig a six inch deep channel connecting the blower and upper pond basins. This channel will allow you to bury and conceal the tubing once connected. You will also need to create a hole partially bury the bio-filter while keeping it in an upright and level position. The filter can be buried in the ground up to the filter clips (See figure 1). Connect your pump to the filter tubing connector marked by the symbol in arrow with flexible hose. Lay the hose in the channel. Attach the tubing to the filters connector marked by the symbol out arrow and lay it in the channel leading to the upper pond basin. You should use stainless steel clamps to create a water tight seal at all of your tubing connection (filter and pump) (See figure 2). After submerging the pump in water, plug it to check both the pump and bio-filter performance.

M MAINTENANCE AND CLEANING

Your filter is designed to let you know when filtration performance declines. Your filter is equipped with a **color-coded pressure indicator** located on the container lid. When your filter is operating effectively, the pressure indicator will display green. If flow rate within your filter drops, performance also declines and the pressure indicator will display RED (See figure 3). The filter can be opened and the individual filter component can be cleaned and washed manually. Unlatch the clips and remove the container lid. Wash the filter sponge with clean tap water. The bio-ball should only be cleaned if they are highly contaminated and you should only use pond water to preserve the microorganisms and keep the filter biologically active. When reassembling the device, make sure the o-ring is correctly positioned for a watertight seal (See figure 4). If the seal is out of place or missing there will be significant leakage when filter is operating.

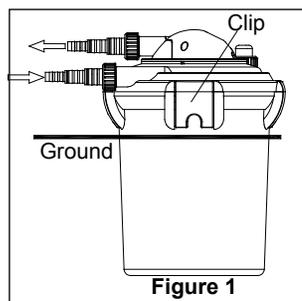


Figure 1

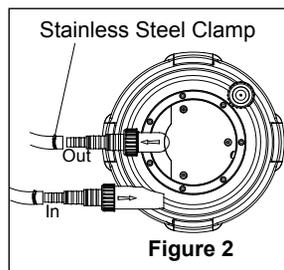


Figure 2

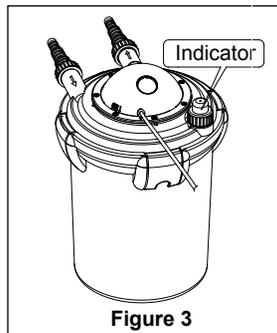


Figure 3

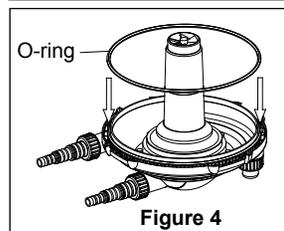


Figure 4

Alpine's PRESSURE filters

Owners Manual



PLF1000 • PLF2000 • PLF3000

SPECIFICATION CHART - FOR ALL FILTER MODELS

Item	Filter Capacity (Gallon)	Pond Size (Gallon)	Inlet/ Outlet	UV
PLF1000	1000	1056	3/4" to 1-1/2"	NO
PLF2000	2000	1800	3/4" to 1-1/2"	NO
PLF3000	3000	4000	3/4" to 1-1/2"	NO

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