

Limited Warranty Information

Thank you for choosing an Alpine product! We aim to please with our wide range of products including Fountains, Birdbaths, Statuary, Pond Supplies & More. All of our products are constructed from the highest quality materials. In the event that we have not achieved our usual standard of excellence, we will repair or replace the item, at our discretion, within the warranty period. A valid proof of purchase, with the purchase date clearly indicated, must be provided. Photos of defective merchandise will also be required to help distinguish the actual cause of the defect. Please read below for a detailed description of warranty coverage.

- **Water Damage**

Alpine products are not manufactured to withstand extreme temperatures. Improper storage that allows water to freeze within a product may cause damage and is considered negligence and will, therefore, not be covered under this warranty. The use of "hard water," and/or caustic cleaners, can affect the paint or other finishes. Failure to keep the unit clean, and use of such additives/cleaners, will also void the warranty. Please note: for fountains, it is normal for some splashing to occur and protecting the immediate surfaces is not the responsibility of Alpine Corporation.

- **Paint & Color (Retention and/or Loss)**

The use of water will cause natural erosion to the color. This area can be touched up using standard paint. The paint is designed to protect the entire finish against breakdown of color. As with any product, all finishes with time will gradually fade and discolor. The warranty will only cover against severe or complete fading within the first year, from date of purchase, with the above exclusion.

- **Procedure/Service**

Should a warranty/claim be needed, you should contact the retailer from whom you purchased the product. If that not an option, you can contact Alpine Corporation at www.alpine4u.com. When contacting Alpine Corporation, you must be prepared to show proof of purchase, provide photographs, and any other information needed to validate your claim. This may be necessary to distinguish between a partial or complete replacement of a defective product. The warranty does not cover any items with multiple parts; the warranty will ONLY cover the individual component of the unit/item that may be defective. Replacement parts can be made available to a consumer through the original selling party, or an approved parts retailer. If this is not an option, contact our customer service department.

- **Not Covered Under Warranty**

The limited warranty will NOT cover cases of damages due to

1. Damages caused in Transit
2. Inadequate care and/or neglect
3. Environmental and/or natural elements
4. Immersion in water, unless specified
5. Improper Installation/Storage and/or Maintenance

This warranty is void if the product has been damaged by accident, misuse, negligence, improper installation and/or modifications have occurred. This includes any and/or all defects arising out of freezing water damage, hard water damage, failure to keep the unit clean and free of harmful additives such as bleach, chlorine, etc.... which affects the paint and/or parts. This warranty also does not cover any additional charges or installation, removal, disposal and/or shipping costs or consequential damage associated with any warranty claim

Alpine's

PRESSURE filters

w/ Ultra Violet Clarifier (UVC)
Owners Manual



PLF1000U • PLF2000U • PLF3000U

Alpine
CORPORATION

E INSTRUCTIONS FOR USING ALPINE'S PRESSURE FILTER:

1. The filter has been designed to be used outdoors, but it does not have to be submerged.
2. Do not plug-in or otherwise use this product if any part of it appears to be damaged or operates abnormally. Have the product examined and repaired, if necessary, by a qualified electrician.
3. Make a "drip loop" on the electrical cord connecting the filter to the plug by letting a portion of the cord hang lower than either the filter or the plug.
4. This product is designed to be permanently wired to a main power supply, housed in a dry area and must be buried.
5. Always disconnect the plug from the outlet before any maintenance or troubleshooting is performed.
6. Avoid the bulb overheating, switch it off when there is no water inside the filter.
7. Avoid the direct contact with UV-C light which can be harmful to your eyes and the skin.

USE

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). The correct functioning of the UV-C bulb is indicated by the lighting visible on the top of the outer lid (See figure3). After submerging the pump in water, plug it to check both the pump and bio-filter performance.

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.

CHANGING THE BULB

If the algae proliferate, it is necessary to check and correct the functioning of the UV-C bulb. To change bulb, first unplug the pump and bio-filter from its power source. Rotate the lid cover, until the arrows on the lid cover aim at the arrow on the ring holder (See figure 5). Remove the lid cover from the top of container lid (See figure 6). Unscrew the UV light assembly counterclockwise and gently lift out (See figure 7). Allow UV light assembly and light bulb to cool and dry completely before handling. Once cool and dry, grip the base of the bulb with a dry cloth and gently pull the bulb from the assembly unit (do not pull on the bulb by gripping the grass element) (See figure 8). Slide new bulb into place until properly seated. Do not test UV light until the filter has been completely reassembled. If the bulb works correctly the grass quartz tube where the bulb is placed must be cleaned, make sure the appliance is switched (pump and bulb). Open the container lid, remove the central tube which connects to the lid (See figure 9), extract the glass tube , remove possible calcareous deposits on the tube using a suitable product. Then reassemble all the parts making sure that the o-rings and gaskets are correctly placed (See figure 10).

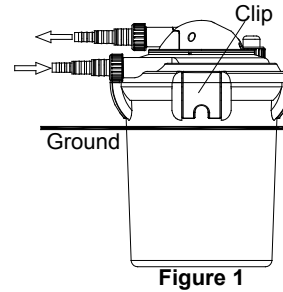


Figure 1

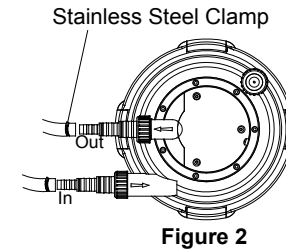


Figure 2

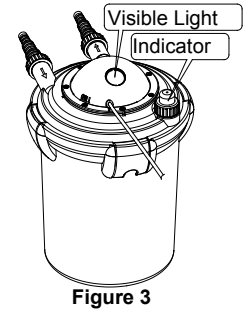


Figure 3

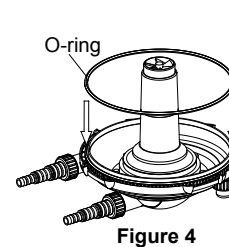


Figure 4

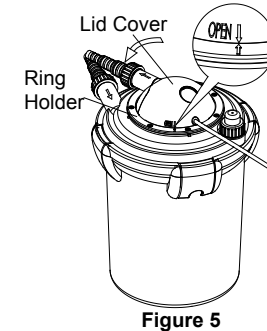


Figure 5

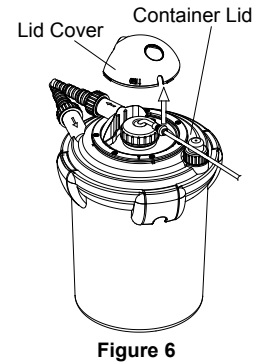


Figure 6

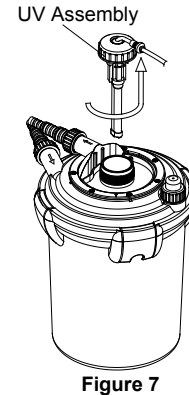


Figure 7

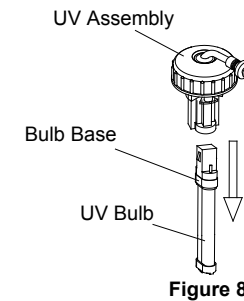


Figure 8

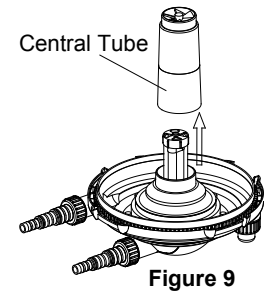


Figure 9

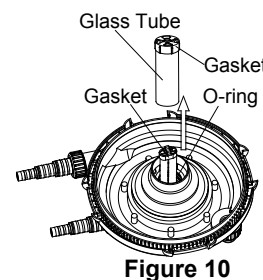


Figure 10

SPECIFICATION CHART - FOR ALL FILTER MODELS

Item	Filter Capacity (Gallon)	Pond Size (Gallon)	Inlet/ Outlet	UV
PLF1000U	1000	1056	3/4" to 1-1/2"	7watt
PLF2000U	2000	1800	3/4" to 1-1/2"	9watt
PLF3000U	3000	4000	3/4" to 1-1/2"	11watt