



Item # 60028

Pressurized Filter

Up to 1600 gallons with UV  
(Model # PF 1600 UV)

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Questions, Problems, Missing Parts?

Before returning to your retailer, call our customer service department at

1-866-728-6187, 9 a.m. – 5 p.m. EST, Monday – Friday or e-mail us at [customerservice@srg-usa.com](mailto:customerservice@srg-usa.com)

Please have your model number available

**Parts List**

Part #	Description	Quantity
1	Pressure Filter	1
2	Ballast	1

**Tools Required for Assembly**

- Phillips screwdriver

**Product Description**

The PF1600UV filter is designed for water clarification in small ponds and fountains. The PF1600UV may be used above ground or partially buried to disguise it within your landscaping. It is a low - maintenance, mechanical / biological filter with UV sterilization to reduce algae. It contains a self-cleaning setting for periodic flushing.

**⚠ IMPORTANT SAFETY INSTRUCTIONS**

- **WARNING**-To guard against injury, basic safety precautions should be observed, including the following.
- **DANGER**-To avoid possible electric shock, special care should be taken as water is employed in the use of this equipment.
- For each of the following situations, do not attempt repairs yourself. Call customer service for the location of an authorized service facility, or discard the product.
- If the product falls into water, DO NOT reach for it ! First, unplug it and then retrieve it. If electrical components of the appliance get wet, unplug it immediately.
- Do not operate any product with a damaged cord or plug, or if it is malfunctioning or damaged in any manner.
- Always unplug the product from the outlet before putting on or taking off parts, before cleaning or when not in use.
- Read and follow all the important notices and warnings on the product.
- This product should only be connected to a power supply receptacle protected by a Ground Fault Circuit Interrupter(GFCI).
- Keep these instructions for future reference.

**Caution**

- UV light may cause irritation to the skin and/or eyes. Avoid exposure.
- Prolonged or repeated exposure to UV light may have adverse effects, including severe skin and eye damage. Seek immediate medical attention for over exposure to UV radiation.

- Keep the power cord away from high temperatures or other heat sources.
- Do not lift the unit by its power cord.

### Assembly Instructions

Estimated Assembly Time: 20 minutes

1. Remove the filter assembly from the package and untie the power cord.
2. Place the filter on a level surface.
3. Remove the clamps and disassemble the filter (Fig.1).
4. Use a Phillips screwdriver to remove the bulb housing.
5. Place the bulb into the socket.
6. Replace the bulb housing and re-assemble the filter.
7. Set the nozzle assembly to the "WORK" position.
8. Connect one end of a length of ¾ in. tubing (not included) to the nozzle marked "IN", and the other end to the pump.
9. Connect another length of tubing to the nozzle marked "OUT". Attach the other end of the tubing to a spitter, waterfall, fountain or other water feature directing the flow of water back into the pond.
10. The filter is not designed to be submerged. Place the filter in a clean, dry area.
11. Connect the power cord to the power source.
12. This product is to be operated within the following temperature range: 32°F - 95°F (0°C - 35°C).

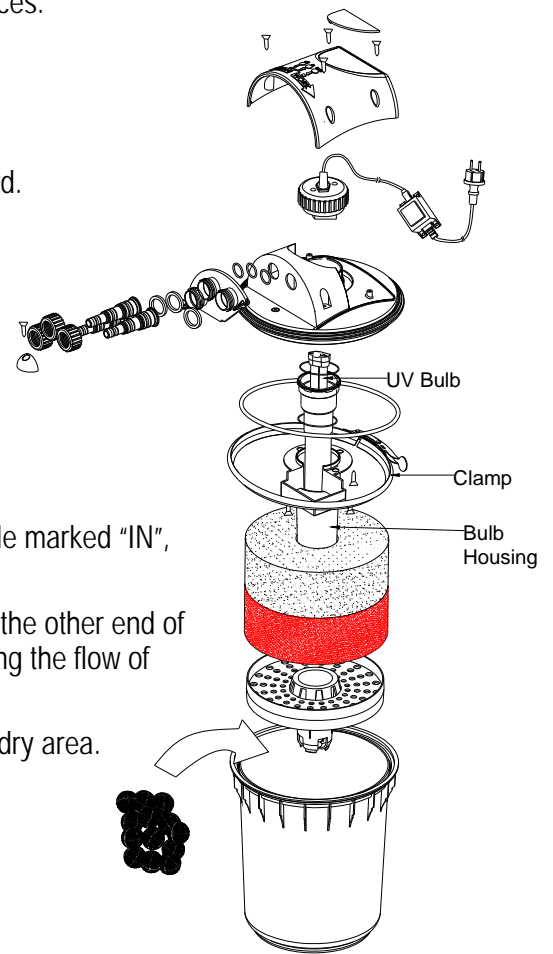


Figure 1

### Important Note:

This product is designed to prohibit operation unless it is fully assembled with the lamp base screwed completely into the housing. UV rays are harmful to your eyes and skin. Do not attempt to operate this product unless the lamp is completely assembled within the light housing.

### Replacing the Bulb

UV light is invisible. The sterilizing power of the UV light should not be judged by observation. Normally, UV lamps should be replaced after 4000 hours of operation.

To replace the bulb:

1. Disconnect the UV light from the power source.
2. Let the light cool, and then disassemble the filter as shown in Fig. 1.
3. Remove the bulb from the socket by pulling firmly on the base.
4. Replace the bulb with an approved UV bulb only.
5. Place the new bulb into the socket and place it back into the light housing.
6. Re-assemble the light before connecting to the power source.
7. When the pressure filters are operated, the middle connector should be in the "WORK" position (Fig. 2).
8. To clean the pressure bucket, turn the middle connector to the "CLEAN" position (see figure 3).



### Troubleshooting

- For proper operation of the pressure filter, the nozzle array must be turned to the “WORK” position ( Fig.2). In this position, water coming in from the pond (pump side) should flow through the nozzle marked “IN ( Fig.3)”. Water leaving the filter will exit from the nozzle marked “OUT”. The water should be directed back into the pond through a spitter, waterfall, fountain or other water feather.
- A self-cleaning feature has been included in the PF1600UV design. It can be activated by turning the nozzle array counterclockwise to the position marked “CLEAN (Fig.3)”. This feature reverses the flow of water and flushes the filter system to push out any dirt and sediment that may have accumulated in the pressure filter. Dirty water will exit the filter from the nozzle marked “DIRT”. A length of tubing should be connected to the nozzle marked “DIRT”. The tubing should be directed away from your pond. Occasional flushing of the system is recommended.

### Product Specifications

Model Number	PF1600UV
Rated Voltage	120 V
Rated Frequency	60 Hz
Rated Input	12 W
UV light model number	ZW7D12W-H115
UV light rated power	7 W
Protection Against Moisture	IPX7
Operation Mode	Continuous
Intake quantity requirement	792 gph

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