

CLEARGUARD

UV CLARIFIER KIT CARE AND OPERATING INSTRUCTIONS

MODEL	ITEM #	Fits Clearguard filter
9 Watt	15610	Model 2700
18 Watt	15620	Models 5500, 8000 & 16000

SAVE THESE INSTRUCTIONS

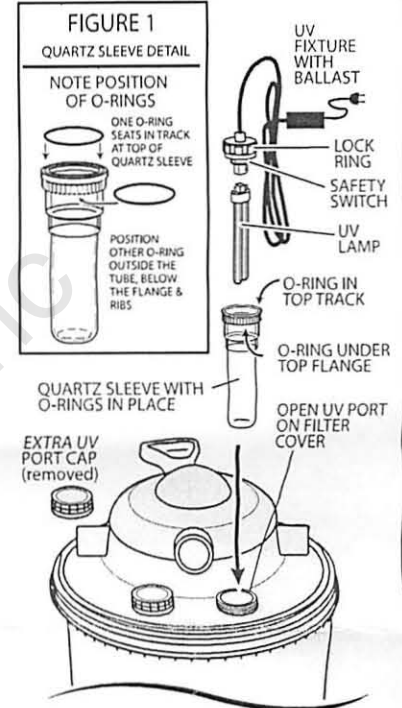
DO NOT OPERATE UV CLARIFIER UNTIL READING ALL OPERATING INSTRUCTIONS, NOTES AND PRECAUTIONS.

UV CLARIFIER OPERATING INSTRUCTIONS:

This UV kit can be used to replace an existing UV Clarifier or add a second unit to Clearguard Pressure filters. It can only be used in conjunction with the Clearguard filters indicated above.

INSTALLATION INSTRUCTIONS:

- 1) Before installing the UV quartz sleeve into the Filter Cover make certain that O-rings are properly installed. One O-ring seats in the top track and the other fits outside the tube, under the top flange. See FIGURE 1.
- 2) Lubricate the O-rings with Silicone grease for easier assembly. Never use petroleum based lubricants on O-rings.
- 3) Insert the UV Quartz sleeve into either of the UV port openings in the pressure filter cover.
- 4) Press the UV Lamp into the socket in the UV Fixture cap until secure and carefully lower it into the pre mounted quartz sleeve in the pressure filter cover. Rotate the threaded ring of the UV fixture cap clockwise until tight.
- 5) After COMPLETE installation, UV Clarifier can be briefly tested; plug the power cord into a 120 Volt grounded GFCI protected outlet to check. The UV light can be safely viewed through the clear plastic cap on the fixture. After testing, disconnect power until the filter is running. The UV unit should only be powered on when the pressure filter is fully assembled with water circulating.



NOTE: YOUR FILTER AND UV ACCESSORIES MAY VARY FROM REFERENCE ILLUSTRATION.

IMPORTANT NOTES:

- Never stare at or expose skin to UV light. It can damage eyesight and burn skin.
- The UV Clarifier will not light up when removed from the quartz sleeve. It incorporates a safety switch to disable power when not assembled.
- Do not defeat the safety features by bypassing the built in safety switch.
- If a second UV port is available a second UV unit can be installed. Check model compatibility.
- Save the plain UV port cap. You will need it to close off UV port if when UV is Clarifier is removed. For example, during winterization.
- Ballast is enclosed in a double insulated case. Never cut power cord. Do not modify the plug provided with the appliance; if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

UV MAINTENANCE

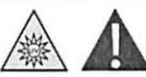
- 1) Effective useful bulb life is one season. The bulb will continue to illuminate long after the UV radiance has diminished. For best results replace bulb annually.
- 2) Periodically clean the quartz sleeve. Always allow unit to cool before disassembly. Carefully disassemble and clean outside using a solution of 30% white vinegar to water. Allow to soak to soften scale or build-up. Use a bottle brush and mild detergent to clean inside of quartz sleeve. Make certain inside of tube is dry before reassembly. Lubricate O-rings with **Silicone grease** before reassembling. **NEVER USE PETROLEUM BASED LUBRICANTS ON O-RINGS.** Note that if quartz sleeve or UV lamp shows any signs of cracks or fissures it cannot be used and must be replaced.

WINTERIZING

The UV Clarifier must be removed during harsh winters. To remove UV Clarifier, rotate the lock ring counter clockwise. Pull the socket cap/light unit assembly straight up, being careful not to break the UV lamp. Disconnect lamp from socket by grasping the plastic base of the lamp and carefully pulling it straight apart from the socket cap. Remove the quartz sleeve from the filter cover by pulling straight upwards. Pack the quartz sleeve and UV lamp carefully and store it with the O-ring and socket cap/ ballast for winter. Cover the open UV port with the clear extra UV port cap that was placed in storage. **DO NOT ALLOW WATER TO GET INTO UV QUARTZ SLEEVE AND FREEZE. IT WILL CRACK WHEN WATER FREEZES.**

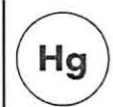
REPLACEMENT PARTS

Wattage	Lamp	Quartz Sleeve
	ITEM #	ITEM#
9	15615	15612
18	15625	15622



DANGER: ULTRAVIOLET RADIATION. Disconnect Power Before Replacing Lamp. Connect only to a circuit that is protected by a ground-fault circuit-interrupter (GFCI). **DO NOT OPERATE UNTIL FULLY ASSEMBLED INTO PRESSURE FILTER.**

WARNING: Risk of Electric Shock. Disconnect power before servicing. Do not immerse in water. For household use only.



MERCURY WARNING: LAMP CONTAINS MERCURY, MANAGE IN ACCORDANCE WITH DISPOSAL LAWS. WWW.LAMPRECYCLE.ORG

WARRANTY: Pondmaster Filtration systems are warranted against failure due to defects in materials and/or workmanship for one year from date of purchase. This warranty covers defects occurring under normal use and applies to the original purchaser at retail and may not be transferred. The warranty and remedies set forth herein are conditional upon proper installation, use, maintenance, storage, and conformance with the applicable use. It will be based upon Danner Mfg. discretion as to whether the defects are of manufacturing origin. Any damages due to improper installation are not covered by this warranty. This warranty does not apply to appearance or accessory items. This warranty does not include damage due to handling, transportation, unpacking, setup, installation, repair or replacement of parts supplied by any other than Danner Mfg.; improper maintenance, modification or repairs by the purchaser; abuse, misuse, neglect, accident, fire, flood, or other acts of God. Any oral statements about this product made by the seller, the manufacturer, their representatives or any other parties do not constitute warranties and shall not be relied upon by the user and are not part of this contract. Neither the seller nor the manufacturer shall be liable for any injury, loss or damages, direct, incidental, or consequential, including but not limited to incidental or consequential damage for lost profits, lost sales, injury, and inability to use the product and the user agrees that no other remedy is available. Before using, the user shall determine the suitability of the product for their intended use and the user shall assume all risk liability whatsoever in connection therewith. To validate this warranty, keep your proof of purchase (copy of sales receipt from a certified Pondmaster dealer). Warranty covers the repair or prorated replacement of the Danner Mfg. products. Danner Mfg. denies all liability for any other loss including but not limited to loss of equipment, income, livestock, or personal injury.

THE FOLLOWING VOIDS WARRANTY:

PRODUCT LABELS ARE DEFACED OR REMOVED. PRODUCT IS IMPROPERLY INSTALLED OR MAINTAINED BY USER OR THEIR AGENT. PRODUCT IS ABUSED, MISUSED, OR DAMAGED BY USER OR THEIR AGENT. PRODUCT IS NOT WINTERIZED OR REMOVED FROM SERVICE AND DRIED DURING FREEZING CONDITIONS.