



PONDMASTER

CLEARGUARD™

UV CLARIFIER KIT

| MODEL | ITEM # | Fits Clearguard filter |
|---------|--------|---------------------------|
| 9 Watt | 15810 | Model 2700 |
| 18 Watt | 15820 | Models 5500, 8000 & 16000 |

SAVE THESE INSTRUCTIONS

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

IMPORTANT SAFETY INSTRUCTIONS

WARNING: Electrical Precaution; To reduce the risk of electrical shock, connect only to a properly grounded, grounding type receptacle. The National Electric Code (NEC), Article 680-41(A) requires ground fault circuit interrupter (GFCI) be installed in the branch circuit supplying fountain equipment. Only a 3-wire grounding extension cord and grounded outlets should be used. If the extension cord plug can reach the water and be accidentally submerged it should be secured to prevent submersion.

WARNING: Read All Instructions

1. Ground Fault Circuit Interrupter (GFCI) protection is to be provided on the circuit(s) or outlet(s) to be used for the wet location portable luminaire. Receptacles are available having built-in GFCI protection and are able to be used for this measure of safety.
2. Use only with an extension cord for outdoor use, such as an extension cord of cord type SEW, SEOW, SEOOW, SOW, SOOW, STW, STOW, STOOW, SJEW, SJEOW, SJEOWW, SJW, SJOW, SJOOW, SJTW, SJTOW, or SJTOOW.
3. This portable luminaire / ballast assembly has an IP65 rating making it suitable for damp and wet locations when assembled in accordance with these instructions. Do not submerge ballast.

CONSIGNES DE SÉCURITÉ IMPORTANTES

Utilisez uniquement des rallonges extérieures à trois fils munies de fiches à trois broches et d'une prise de terre acceptant la fiche de l'appareil. Si le problème persiste, contactez un électricien qualifié. Ne jamais utiliser avec une rallonge à moins que la fiche puisse être complètement insérée. Ne modifiez pas la fiche.

AVERTISSEMENT: lisez toutes les instructions

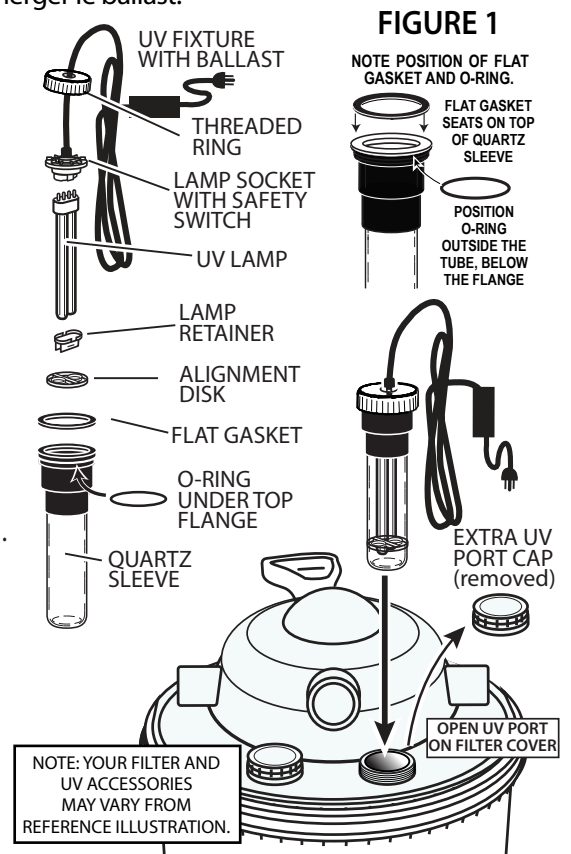
1. Une protection par disjoncteur de fuite à la terre (GFCI) doit être fournie sur le (s) circuit (s) ou la (s) prise (s) à utiliser pour le luminaire portable pour site humide. Les prises sont disponibles avec une protection GFCI intégrée et peuvent être utilisées pour cette mesure de sécurité.
2. Utilisez uniquement avec une rallonge pour utilisation à l'extérieur, telle qu'une rallonge de type SEW, SEOW, SEOOW, SOW, SOW, STOW, STOW, STOW, STOOW, SJEW, SJEOWW, SJW, SJOW, SJOOW, SJTOW, SJTOW, ou SJTOOW.
3. Cet ensemble portable de luminaire / ballast a un indice de protection IP65 le rendant approprié pour les endroits humides et mouillés une fois assemblé conformément aux instructions jointes. Ne pas submerger le ballast.

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:

ALWAYS DISCONNECT PUMP BEFORE INSTALLATION.

- 1) Before installing the UV Clarifier assembly into the filter cover, the lamp must be installed. Carefully unpack the ballast / quartz sleeve assembly and remove the quartz sleeve by firmly holding the black collar section and turning it counter-clockwise until it disengages from the lamp socket assembly.
- 2) Unpack the lamp and insert the contact pins on the lamp base completely into the lamp socket.
 - For the 9 Watt unit: Continue to step 3.
 - For the 18 Watt unit: Find the lamp retainer in the lamp box and slide it onto the lamp until it is snug in the socket. Next insert the alignment disk onto the end of the lamp to keep it centered inside the quartz sleeve.
- 3) Make certain that the flat gasket and O-rings are properly installed. See FIGURE 1. Flat gasket sits on top of the of the quartz sleeve and O-ring fits outside the tube, under the top flange. See FIGURE 1
- 4) Lubricate the Gasket and O-rings with Silicone grease for easier assembly. Never use petroleum based lubricants.
- 5) Insert the UV lamp assembly into the Quartz sleeve and hand tighten - turning clockwise until secure.
- 6) Insert the lamp / quartz sleeve assembly into either of the UV port openings in the pressure filter cover.
- 7) Secure it by rotating the threaded ring of the UV fixture clockwise onto the filter cover's threads until tight.
- 8) After COMPLETE installation, UV Clarifier can be briefly tested; plug the power cord into a 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.



IMPORTANT NOTES: Never stare at or expose skin to UV light. It can damage eyesight and burn skin.

- UV Clarifier will not light when removed from the quartz sleeve. The built-in safety switch disables 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. It is needed to close off UV port when UV is Clarifier is removed. For example, during
- 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

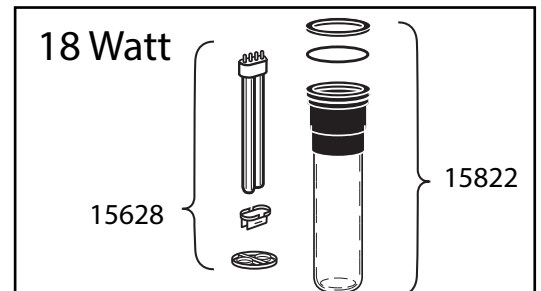
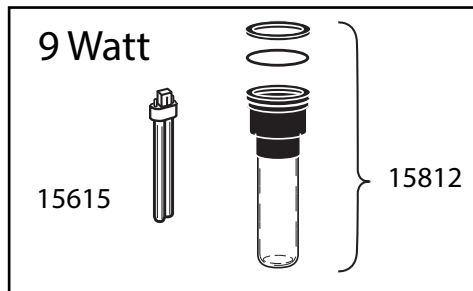
- 1) Effective useful bulb life is one season. The bulb will continue to illuminate long after the UV radiance has diminished. For best results replace bulb annually.
- 2) Periodically clean the quartz sleeve. Always allow unit to cool before disassembly. Carefully disassemble and clean outside using 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 Gasket and 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 | 120 Volt | Quartz |
| | Lamp | Sleeve |
| | ITEM # | ITEM# |
| 9 | 15615 | 15812 |
| 18 | 15628 | 15822 |



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.



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.
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