

**FLUVAL®
A198_UVC
UVC In Line
Clarifier**



FLUVAL A198_UVC UVC In Line Clarifier Instruction Manual

[Home](#) » [FLUVAL](#) » FLUVAL A198_UVC UVC In Line Clarifier Instruction Manual 

Contents

- [1 FLUVAL A198_UVC UVC In Line Clarifier](#)
- [2 WHAT'S INCLUDED](#)
- [3 IMPORTANT SAFETY INSTRUCTIONS](#)
- [4 UVC INSTALLATION](#)
- [5 TIMER INSTALLATION & OPERATION](#)
- [6 FOR AUTHORIZED WARRANTY REPAIR SERVICE](#)
- [7 WARRANTY](#)
- [8 CONTACT](#)
- [9 Documents / Resources](#)
 - [9.1 References](#)
- [10 Related Posts](#)

FLUVAL®

FLUVAL A198_UVC UVC In Line Clarifier



WHAT'S INCLUDED

1. 18.5" / 47 cm Non-Kink Ribbed Hosing
2. 3W UVC In-Line Clarifier Unit
3. Two (2) Lock Nuts
4. 100-240V/24V Power Supply
5. Two (2) Mounting Screws
6. 24-Hour Timer



Replacement bulb #A19998 (sold separately)



IMPORTANT SAFETY INSTRUCTIONS

WARNING – To guard against injury, basic safety precautions should be observed, including the following:

1. READ AND FOLLOW ALL SAFETY INSTRUCTIONS

And all the important notices on the use and maintenance of this appliance. Disregarding this advice may result in damage to the appliance or personal injury.

2. **DANGER** – To avoid possible electric shock, special care should be taken since water is employed in the use of aquarium equipment. For each of the following situations, do not attempt repairs yourself; return the appliance to the store where it was purchased if still under warranty. If the appliance shows any sign of abnormal water leakage, immediately unplug it from the power source.

- **A.** This is NOT a submersible product. Do not immerse the product in water!
If the appliance falls into the water, DON'T reach for it. First, unplug it and then retrieve it.
- **B.** If the appliance shows any sign of abnormal water leakage or if RCD (or GFCI- Ground Fault Current Interrupter) switches off, disconnect the power supply cord from the mains (main power supply).
- **C.** Carefully examine the appliance after installation. It should not be plugged if there is water on parts not intended to be wet. If the electrical components of the appliance get wet, unplug the appliance immediately.

3. **CAUTION** – NEVER LOOK INTO A UV LAMP WHEN SWITCHED ON.

Direct exposure to ultraviolet light can damage the eyes and skin.

4. **WARNING** – Close supervision is necessary when any appliance is used by or near children. This appliance can be used by children ages 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning the use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be done by children without supervision. To avoid injury, do not touch moving parts or hot parts.

5. **CAUTION** – Always unplug or disconnect all appliances in the aquarium from the electrical supply before placing hands in water, before putting on or taking off parts, and while the equipment is being installed, maintained, or handled. Never yank the cord to pull the plug from the outlet. Grasp the plug and pull to disconnect. Always unplug an appliance from an outlet when not in use.

6. This appliance cannot be repaired. Do NOT try and disassemble this unit, it is sealed and NOT serviceable. The whole unit must be replaced.

7. This appliance comes with a 3-watt bulb that can be replaced.

8. This appliance requires no cleaning and is maintenance-free. Do NOT attempt to clean the unit using water or other substances.

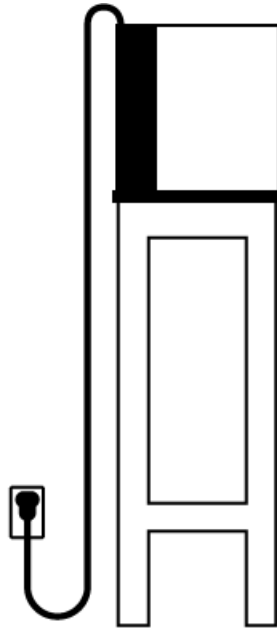
9. This appliance should only be used with the power supply unit provided.

10. The supply cord cannot be replaced. If the cord is damaged the appliance should be disposed of properly.

11. Do not operate any appliance if it has a damaged cord or plug, if it is malfunctioning or it is dropped or damaged in any manner. The power cord of this appliance cannot be replaced. If the cord is damaged, the appliance should be discarded. Never cut the cord.

12. To avoid the possibility of the appliance plugs getting wet, position the tank to the side of a wall-mounted

receptacle to prevent water from dripping onto the receptacle. A “drip loop”, should be arranged by the user for each cord connecting an aquarium device to the receptacle. The “drip loop” is the part of the cord below the level of the receptacle or the connector if an extension cord is in use, to prevent the water from traveling along the cord and coming into contact with the receptacle. If the plug or receptacle gets wet, DO NOT unplug the cord. Disconnect the fuse or circuit breaker that supplies power to the receptacle then unplug the transformer and examine for the presence of water in the receptacle.



13. This appliance contains a UVC emitter. Unintended use of the appliance or damage to the housing area may result in radiation. Exposure, even in small doses, may cause harm to eyes and skin. Damaged units should not be in operation.
14. **WARNING** – Disconnect all appliances when performing maintenance.
15. The appliance is to be supplied through a residual current device (RCD) having a rated residual operating current not exceeding 30 mA.
16. This appliance is a UVC water clarifier for use in ornamental household items. Do not use the appliance for any purpose other than that for which it is intended. The use of attachments not recommended or sold by the appliance manufacturer may cause an unsafe condition.
 - Do not use this product in swimming pools or other situations where people are immersed.
 - This product is suitable for use with water temperatures up to 35 °C.
 - Do not use this product with inflammable or drinkable liquids.
 - To avoid overheating, always ensure the filter is pumping water through the unit while the UVC is plugged in.
 - This product should not be placed where it can fall into the water. It should be placed in a dry and protected place, with sufficient ventilation around it.
17. If an extension cord is necessary, ensure the connection is watertight and dustproof. A cord with a proper rating should be used.

A cord rated for fewer amperes or watts than the appliance rating may overheat. Care should be taken to arrange the cord so that it will not be tripped over or pulled. The connection should be carried out by a qualified electrical installer.

WARNING – Do not connect power to the unit unless the unit is fully and correctly assembled. The unit must always be fully filled with water when operating.

18. Do not cut the hose.

19. SAVE THESE INSTRUCTIONS

PREPARING YOUR FILTER (EXISTING SETUP)

1. Ensure your canister filter is unplugged.
2. Ensure your canister and its hoses are empty of water and the hoses are removed from the aquarium before beginning UVC unit installation.

UVC INSTALLATION

The UVC unit is compatible with Fluval 06 and 07 series canister filters, in addition to those with an output hose inner diameter of 5/8" (16 mm) and an outer hose diameter of 1/8" (19 mm).

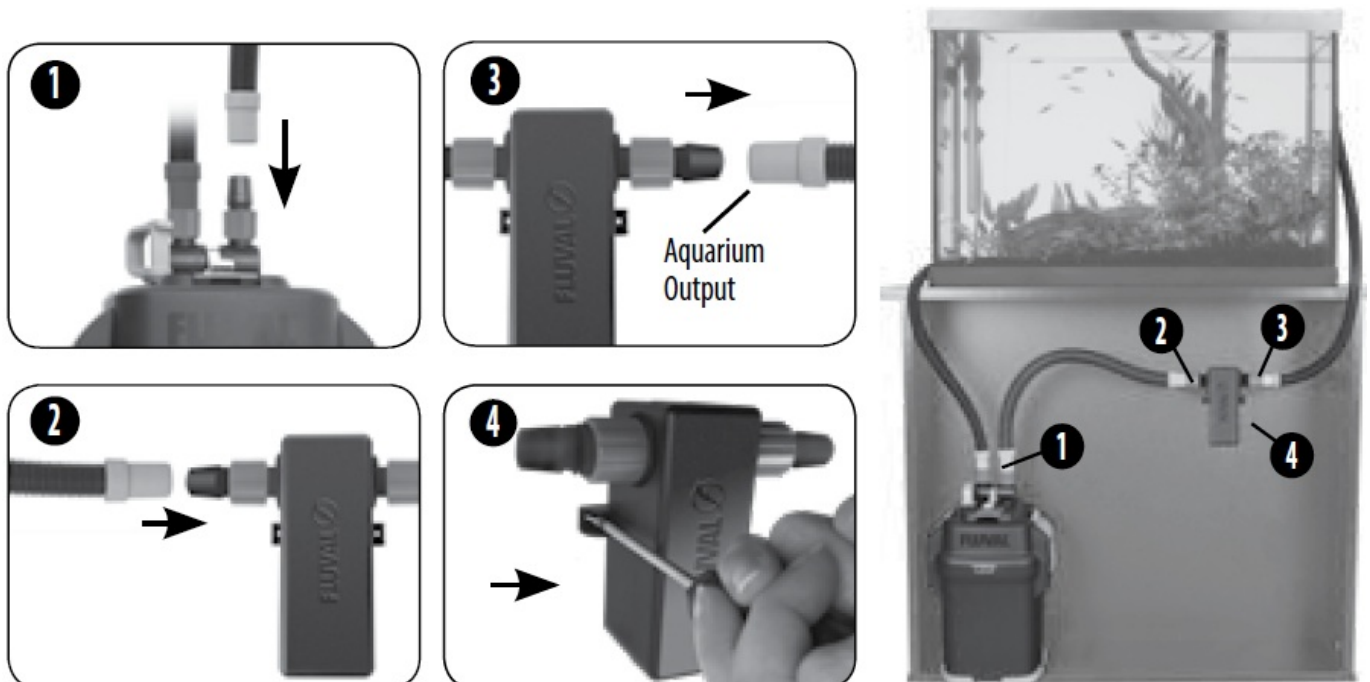
1. Insert ribbed hosing supplied with your UVC unit into the output nozzle of your canister filter and tighten the nut.
2. Connect the other end of the UVC-supplied housing to one side of the UVC unit and tighten the nut.

NOTE: The UVC unit is multidirectional and will operate in either direction.

3. Connect filter output hosing to the opposite (unused) UVC nozzle and tighten the nut.
4. To ensure maximum flow, DO NOT install a UVC unit above the aquarium water line. To make sure the output hose reaches the aquarium with no kinks or loops, trial mount the UVC unit and hose before making any final cuts or holes.

NOTE: The UVC unit is supplied with (2) mounting screws for easy installation.

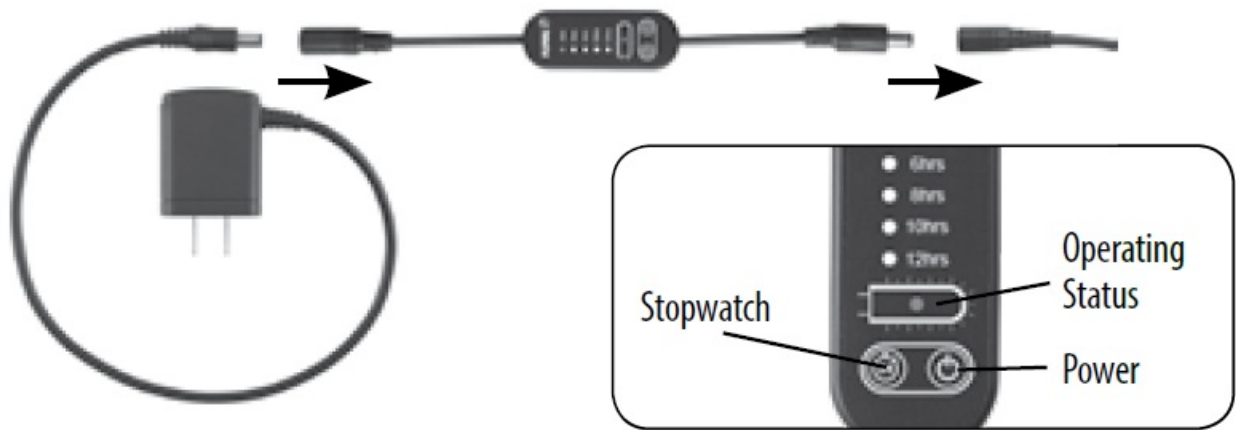
5. Attach filter output and intake assembly to the aquarium (Refer to filter manual for proper installation).
6. Prime your canister filter.
7. Plug in your canister filter to an electrical outlet and ensure that water is flowing in and out of the canister filter.
8. Plug in the UVC unit to an electrical outlet.



TIMER INSTALLATION & OPERATION

- To install, connect the timer power supply to the timer, and then the timer to the base of the UVC unit as shown

in the image.



To run the UVC unit continuously

- Press the timer Power button. The Operating Status light should illuminate in Green to indicate normal functionality.

To run the UVC unit intermittently

- After turning the timer power on, continue pressing the Stopwatch button to cycle through the various operating periods: 4, 6, 8, 10, and 12 hours. A Blue light will appear next to the operating time currently engaged.

Operating Status Light

- This indicates the life cycle of the UVC bulb/unit.
- A Green light represents proper UVC bulb functionality.
- A Red light designates the bulb has expired, requiring complete UVC unit replacement.

Power Interruption

- If the timer is unplugged or endures a power failure, the UVC unit will revert to the same operating time that was initially selected once it is reconnected to a power source.
- For example, if the timer was set to operate for 4 hours within 24 hours, it will continue to operate for 4 hours from the moment power is re-established.
- As the timer does not keep track of the time of day, if you want the UVC unit to continue running for 4 hours as of 8 am, for example, the unit should be connected to a power source at 8 am.
- To switch from a specific timer period to continuous 24-hour operation, press the Power button off and then on again. This will re-establish the UVC unit to run full-time.

REPLACING THE BULB

CAUTION: This appliance must be unplugged when not in use and before the changing of any parts. Never yank the cord from the outlet.

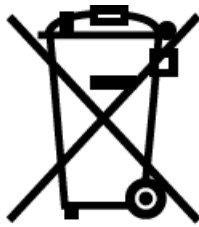
1. Ensure the canister filter is unplugged.
2. Ensure the UVC unit is unplugged.
3. Remove the power cord from the unit.
4. Slide open the door to access the bulb.
5. Gently release the bulb connector
6. Remove the bulb from its holder.
7. Insert the new bulb into place.
8. Reconnect the bulb connector.
9. Slide the door closed until it clicks into place.
10. Plug in the power cord into the unit.
11. Plug in the filter and the UVC unit into the electrical outlets. (Replacement bulb #A19998)

FOR AUTHORIZED WARRANTY REPAIR SERVICE

- **QUESTIONS?** If you have a problem or question about the operation of this product, please let us try to help you before you return the product to your dealer. Most problems can be handled promptly with a phone call. Or, if you prefer, you can contact us on our website at www.fluvalaquatics.com. When you call (or write), please have all relevant information, such as model number and/ or part numbers available.
- **USA CALL US ON OUR TOLL-FREE NUMBER:**
 - 1-[800-724-2436](tel:800-724-2436) between 9:00 a.m. and 4:00 p.m.
 - Eastern Standard Time. Ask for Customer Service.
- **CANADA CALL US ON OUR TOLL-FREE NUMBER:**
 - 1-[800-554-2436](tel:800-554-2436) between 8:00 a.m. and 4:30 p.m.
 - Eastern Standard Time. Ask for Customer Service.
- **UK Helpline Number 01977 521015.** Between 9:00 AM and 5:00 PM, Monday to Thursday, and 9:00 AM and 4:00 PM on Friday (excluding Bank Holidays).
- **Ask for Customer Service. FOR AUTHORISED WARRANTY SERVICE** please return (well packaged and by registered post) to the address below enclosing the dated receipt and reason for return. Customer Service Department Rolf C. Hagen (UK) Ltd, California
- Drive, Whitwood Ind Est., Castleford West Yorkshire WF10 5QH

RECYCLING

- This product bears the selective sorting symbol for waste electrical and electronic equipment (WEEE).
- This means that this product must be handled according to European Directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment. For further information, please contact your local or regional Authorities.
- Electronic products not included in the selective sorting process are potentially dangerous for the environment and human health due to the presence of hazardous substances.



WARRANTY

3 YEAR STANDARD WARRANTY

The Fluval UVC in-line Clarifier is guaranteed for defective parts and workmanship for 3 years from the date of purchase. This guarantee is valid with proof of purchase only. The guarantee is limited to repair or replacement only and does not cover consequential loss, loss, or damage to livestock and personal property, or damage to animate or inanimate objects, irrespective of the cause thereof. This guarantee is valid only under normal operating conditions for which the unit is intended.

It excludes any damage caused by unreasonable use, negligence, improper installation, tampering, abuse, or commercial use.

The warranty does not cover wear and tear, breakage of glass, or parts that have not been adequately or correctly maintained.

THIS DOES NOT AFFECT YOUR STATUTORY RIGHTS.

CONTACT

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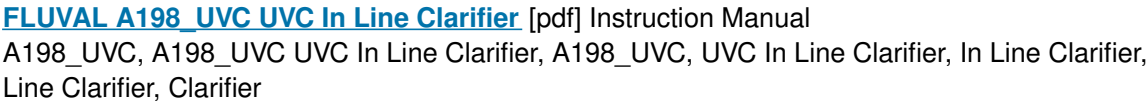
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Documents / Resources



- User Manual

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