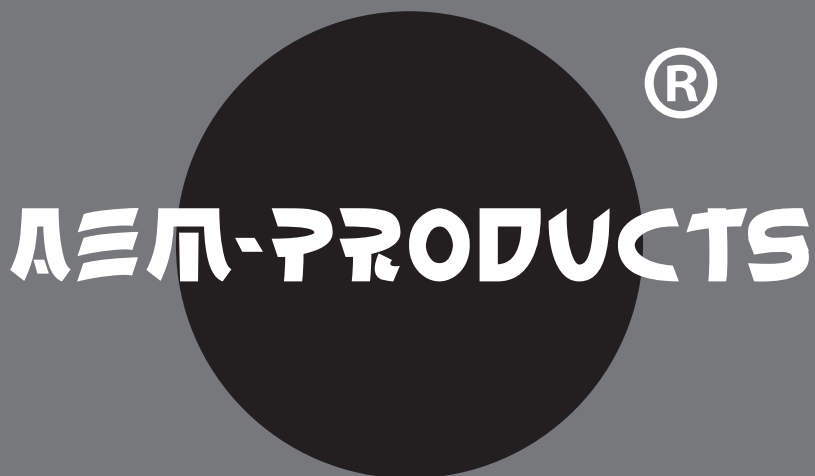




AEM UV-C MODULE

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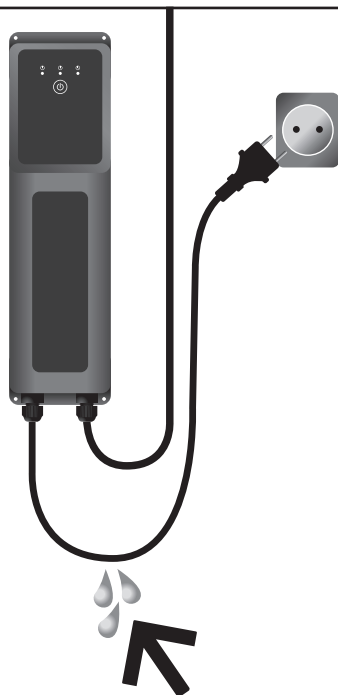
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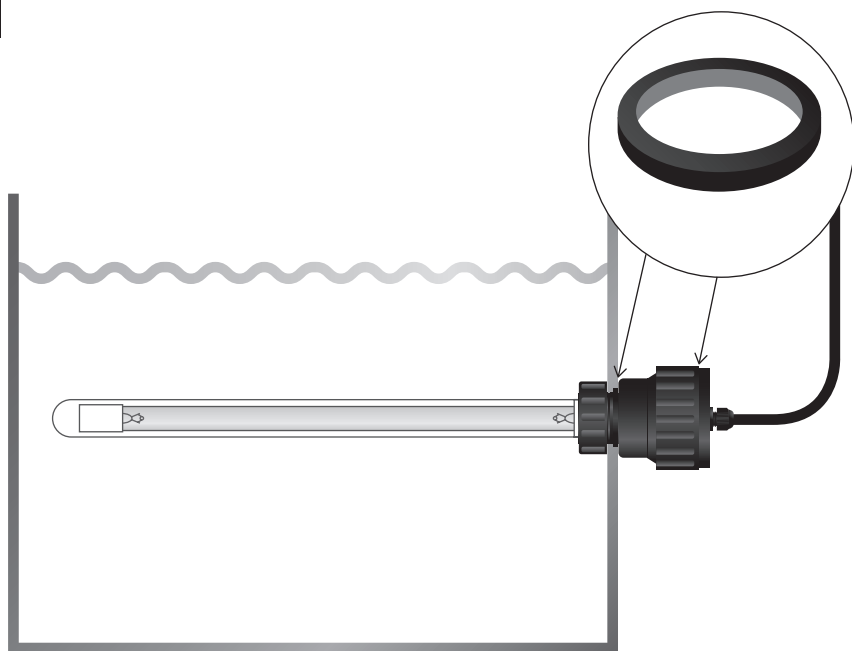
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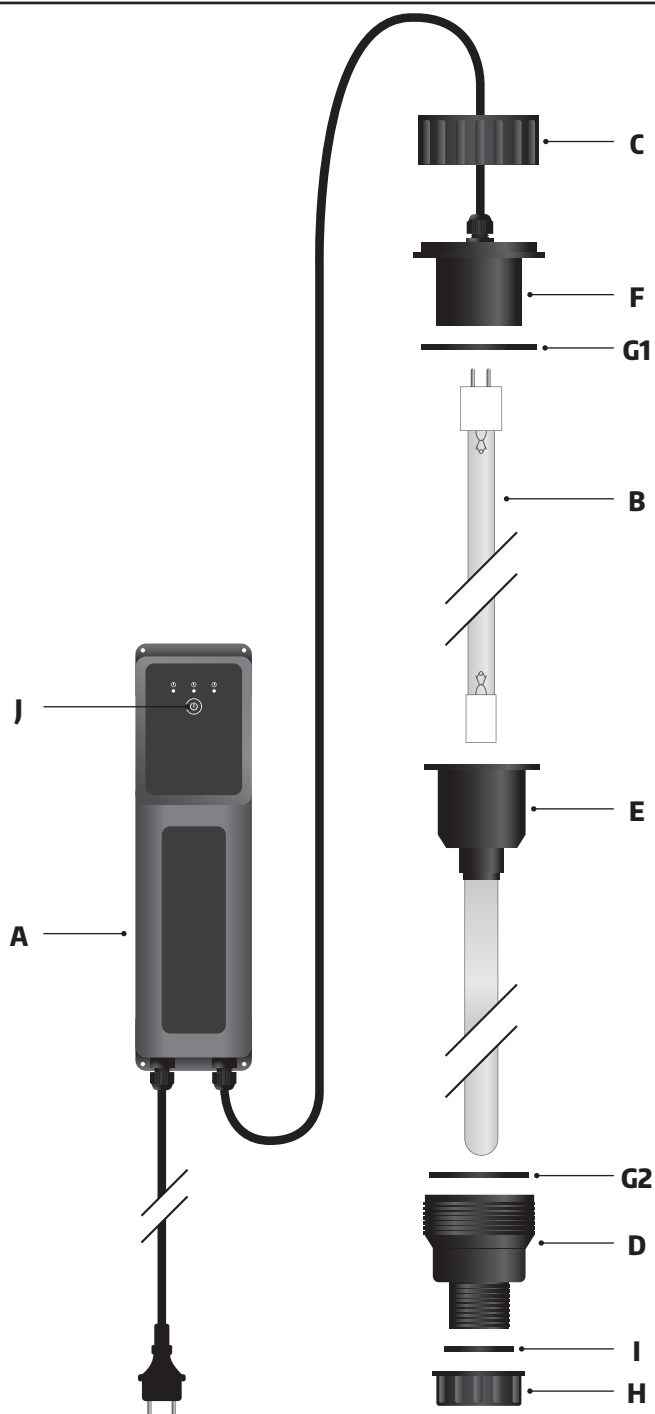
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WORKING

The AEM UV-C Module ensures crystal-clear water. The sophisticated design and high quality materials produce high UV-C radiation with a wavelength of precisely 253.7nm. This high level of radiation kills almost all bacteria, viruses and even fungi, providing clear and clean water. As a result, the level of added chemicals (eg chlorine) can be reduced by up to 80%, which ensures more natural, healthier water!

The intelligent electronics indicates when the lamp is not producing enough radiation and needs to be changed. Your device will always be working perfectly!

SAFETY AND INSTALLATION REQUIREMENTS

- See the Technical Specifications for the required voltage and current.
- The device may only be connected to an electrical installation that meets the legal requirements. A GFCI (30ma) and earthed sockets are required. If in doubt always use a certified electrician to install.
- The electronics box and the plug must be positioned at least 2m from the tank.
- Always keep the plug free from moisture. Ensure that water cannot track down the power cord to the socket. (See figure 1 for how to loop the power cord).
- Never submerge the device in liquid.
- The device can withstand a maximum pressure of 3 bar.
- The device is suitable for fresh and salt water.
- The device is designed to operate with a water temperature between 0 and 40 degrees C. Outside these temperatures the device must be completely disconnected from the water.
- Before use, check the whole device, power cord and plug for damage. In case of any damage, the device must not be used. Please let your dealer assess any damage.
- The device may only be connected if there is a sufficient flow of water.
- To avoid possible harm to eyes or skin, never look directly in to the UV-C lamp (the system will indicate if the lamp needs to be changed).
- During maintenance, the device and pump must be disconnected from the mains. Be aware that the lamp can remain hot for up to 10 minutes after being disconnected.

INSTALLATION OF THE DEVICE; SEE FIGURE 2

The electronics box (A) must remain visible so that the indicator that the UV-C lamp (B) needs changing can be seen. Take into account accessibility for maintenance (see also **Maintenance and disassembly**).

1. Undo the lock nut (C) from the adapter (D).
2. Carefully unpack the UV-C lamp (B) and slide this into the quartz sleeve (E).
3. Put the UV-C lamp (B) into the lamp holder (F) and slide this further into the quartz sleeve (E).
Make sure that the O-rings (G1&G2) sitting properly.
4. Tighten the lock nut (C) hand-tight at the adapter (D).

MOUNTING; SEE FIGURE 3

1. Undo the fastening nut (H) from the adapter (D).
2. Place the device at the desired place.
3. Tighten the fastening nut (H) back on the adapter (D), on the inside of the filter. Make sure that the O-ring (I) sits properly between the adapter (D) and the filter.
4. Check the whole assembly for possible leaks.
5. Ensure that enough water flows through the device and plug the device into the appropriate socket. On the electronics box (A), all the lights will flash and the green one will stay on.
6. The device can be turned off by simply pulling the plug out of the socket. The electronics box records how many hours the lamp has been on.

MAINTENANCE AND DISASSEMBLY

The device needs maintenance at least once per half year. During maintenance, the device must be disconnected from the mains. Chalk deposits and possibly algae must be removed from the quartz sleeve (E) and the housing (D). The UV-C lamp (B) only has to be changed after 12,000 hours of use. The actual lifetime is dependent on the number of times it is turned on and off. The electronics will indicate when the lamp has been on for 12,000 hours.

1. Unplug the device from the mains and close the pipes.
2. Ensure that the water is drained out of the filter.
3. Loosen the lock nut (C) and disconnect the UV-C lamp (B) from the lamp holder (F). If necessary, you can also replace the lamp (see point 10 to reset).
4. Carefully raise the quartz sleeve (E).
5. The quartz sleeve (E) can be cleaned with an appropriate cleaner. After cleaning, rinse the quartz sleeve (E) thoroughly. Use a soft cloth to avoid scratches!
6. After cleaning, place the quartz sleeve (E) back in the adapter (D). Ensure that the O-ring (G) is seated properly.
7. Put the UV-C lamp (B) into the lamp holder (F) and slide both into the quartz sleeve (E).
8. Tighten the lock nut (C) on the adapter (D) hand-tight (see 9 under **Installation of the device**).
9. After changing the UV-C lamp (B), the device needs to be reset. To do this, press and hold button (J) on the electronics box (A) for 5 seconds. After this the green light will come on.

If in any doubt seek the advice of a certified electrician!

(The underlined phrases in the manual are meant only for the Module incl. timer function).

TYPES OF AEM UV-C MODULE

Part No. : UVM0001AEM	AEM UV-C Module 40W Amalgam (230V; 50/60Hz)
Part No. : UVM0002AEM	AEM UV-C Module 40W Amalgam incl. Timer (230V; 50/60Hz)

SPARE PARTS

Part No. : EPM0001AEM	Electrical part AEM UV-C Module 40W Amalgam
Part No. : EPM0002AEM	Electrical part AEM UV-C Module 40W Amalgam incl. Timer
Part No. : QS0001	Quartz sleeve 40W Amalgam
Part No. : HOU0007	Adapter AEM UV-C Module 40W Amalgam
Part No. : RLM0001	Lamp AEM UV-C Module 40W Amalgam

WARRANTY CONDITIONS

- The supplier guarantees the AEM UV-C Module 40W Amalgam for 24 months after date of purchase against defects in materials or manufacturing faults. The UV-C lamp and quartz housing are not covered by this warranty.
- Defects and/or breakdowns as the result of incorrect installation, use and/or maintenance are not covered by this warranty.
- The warranty is void if repairs are carried out by third parties.
- The warranty is void if the cabling is not in its original condition.
- The warranty is only valid if a valid, dated proof of purchase is provided, stamped by the supplier.
- The supplier is not responsible for damage, including possible consequential damage, caused by the improper use or failure of the apparatus.
- Claims relating to transport damage to the apparatus and/or parts will only be processed if the damage is reported to the dealer within 24 hours, in writing.