

up the flange of the quartz sleeve until it glides freely out of the UV-C housing.

*Use soft cloth to handle and clean the quartz sleeve as these are quite fragile.
*To reassemble we advise to use some silicone lubricant before sliding back the quartz sleeve into the housing.



5. Available spare accessory parts:

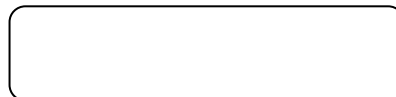
- Quartz sleeve set
- UV Bulbs
- Hose tails set

6. Warnings:

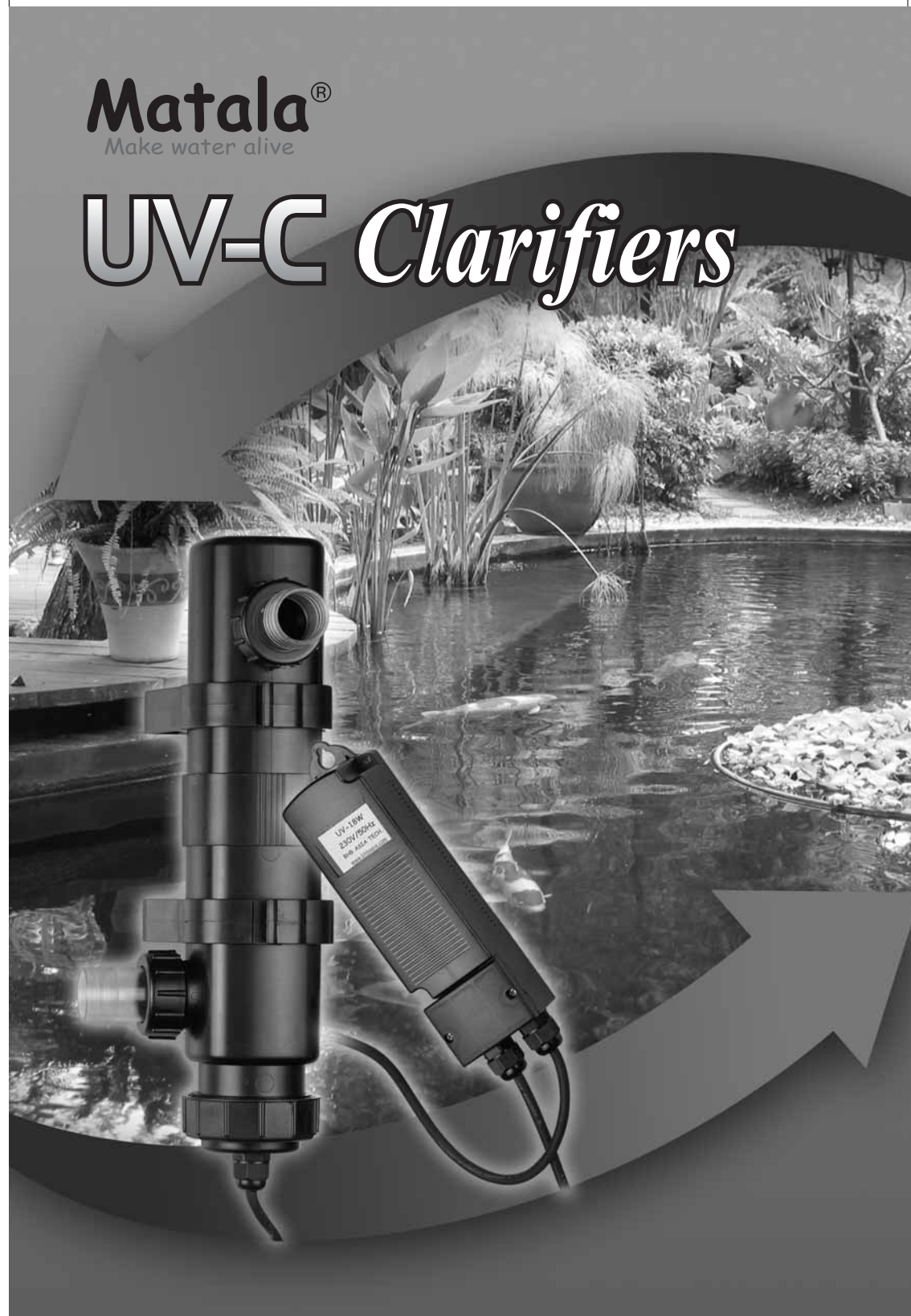
Use this equipment for its intended use only
The equipment's electrical plug should be plugged into a socket provided with ground fault circuit interrupter.
In case the UV-C clarifier and/or its ballast is installed above an electric wall outlet, care must be taken that the electrical cable has a hanging loop below the power connection point (drip loop).
Do not operate equipment with damaged plug or electrical wire.
Never yank or pull the cord from an electrical outlet.
Always disconnect the power cord before opening the unit for service.
Verify that hands are dry prior to plugging or unplugging to the power outlet.
Keep plug and electrical connections dry to reduce the risk of electrocution.
If by accident the UV-C clarifier falls into the water, immediately unplug the equipment from the electrical network before taking it out of the water.
The ballast is weather resistant but it is advised to place the ballast in an area where it is protected from splashing, flooding or dripping of water.
This UV-C system can be installed outdoor or indoor. Care must be taken that the cap with embedded electrical connection parts is securely installed out of the water to prevent water to seep in.
UV lamps produce harmful ultraviolet light and radiation. Never look directly at the lamp as damage to the eyes will occur.
When handling the UV bulb and quartz sleeve please use a clean cloth or glove as this will avoid the parts to get stained.
Do not operate the UV-C system for prolonged time without water as this will affect the UV-C's lifetime.

Distributed by.....

Guarantee: one year, excluding lamp



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Matala®
Make water alive

UV-C Clarifiers

The UV-C clarifiers for watergardens and Koi ponds help you to suppress blooms of suspended green algae, harmful bacteria, parasites, fungi, protozoan and viruses. Installation of a UV-C system connected to the pond's filtration system will help you to prevent the problems that are inherent to such blooms without causing any harm for your fish or water plants.

Before installation of your UV-C clarifier takes care to read and strictly follow our warnings and recommendations for safety (see section 6.).

Installation of the UV PL Bulb:

*Release the threaded UV-C cap by unscrewing it from the UV-C housing.
*Open the UV bulb packaging and use a clean cloth or gloves to remove the bulb,
*Press down the push fit bulb cap into the lamp socket mounted in the UV-C cap. Take care to align the pins with the holes.
*Carefully insert the PL bulb into the quartz sleeve tube and screw the UV-C cap back onto the UV-C housing



2. Integration of the UV-C system:

When integrating the UV-C Clarifier into the pond's water recirculation and filtration system big particles or dirt must be prevented from entering the unit as this will reduce the clarifier's efficiency:

The UV-C should always be installed after the pump. The various scenarios below are acceptable installations.

- Water Flow Sequence:
Pond => EZ-Bio => Pump => UV-C => Filter => Pond
Pond => Pump => UV-C => Filter => Pond
Pond => Bottom drain => Settling tank => Filter => Pump => UV-C => Pond
Pond => Skimmer => Pump => Filter => UV-C => Pond
Pond => Prefilter => Filter => Pump => UV-C => Pond

When installing the UV-C clarifier in line we advise to take care that it can be easily removed for servicing. Avoid glued connections.
Potential build-up of air pockets into the UV-C clarifier in operation should be minimized as such may render the UV-C unit inefficient.
Make sure that no water can enter into the UV-C cap with electrical parts.
The cap must be tightly screwed onto the UV-C body with gasket clamped to prevent

water from entering into the cap or between the bulb and quartz sleeve.

3. How to connect the UV-C clarifier to the pump hose and filter:

Use the hose tails and parts offered with the UV-C clarifier or offered with your filter. This is an overview of the parts and different methods for connecting the UV-C. When connecting the hose tails to the selected hose, please cut (use saw) the smaller sections not fitting to the hose.



| Recommendation UV-C clarifier for your pond | | | | |
|---|-------------------|------------------|--|-----------|
| Model | Maximum pond size | | Recommended flow rates and hose diameter | |
| | Water garden | Koi pond | Rec. Pump up to LPH, GPH | Hose I.D. |
| 9 Watt | 3000(L), 800(G) | 1500(L), 400(G) | 1500(LPH), 400(GPH) | 1" |
| 13 Watt | 4500(L), 1200(G) | 2250(L), 600(G) | 2250(LPH), 600(GPH) | 1 ¼" |
| 18 Watt | 6000(L), 1600(G) | 3000(L), 800(G) | 3000(LPH), 800(GPH) | 1 ½" |
| 36 Watt | 12000(L), 3200(G) | 6000(L), 1600(G) | 6000(LPH), 1600(GPH) | 1 ½" |

4. Maintenance of the UV-C clarifier:

UV-C bulbs have a limited lifetime. To obtain the best performance for your UV-C clarifier we recommend to replace the bulb every 6000 hours or at least once per season. For temperate climates servicing can be done in wintertime.

First, take care to unplug the electrical power connection before any maintenance. Then disconnect the pump that is supplying water to the equipment.
*To replace the bulb unscrew the threaded UV-C cap and renew the bulb following instructions given in section 1.
*To clean or replace the quartz sleeve use flat head screw driver, a coin or the handle of a spoon as shown in the picture below. Don't use any excessive force but gently push