

GUARANTEE

PLEASE NOTE that the 12 month guarantee cover for the unit does not include serviceable parts, ie. lamp and quartz sleeve.

GARANTIE

VEUILLEZ NOTER que la Garantie de 12 mois de l'unité ne couvre pas les pièces remplaçables, c'est-à-dire la lampe et le manchon en quartz.

GARANTIE

ES IST ZU BEACHTEN, daß sich die 12-Monats-Garantie für das Gerät nicht auf die wartbaren Teile, wie die Lampe und die Quarzhülse, erstreckt.

GARANTIE

N.B.: In de garantie van 12 maanden voor het apparaat zijn niet opgenomen de onderdelen die onderhouden kunnen worden, zoals de lamp en de kwartsmof.

GARANZIA

NOTARE che la garanzia di 12 mesi per l'apparecchiatura non comprende i componenti soggetti a normale usura, quali la lampara e il manicotto di quarzo.

GARANTIA

POR FAVOR OBSERVE que la garantía de 12 meses no incluye las piezas reparables, por ejemplo la lámpara y el manguito de cuarzo.




VECTON

Aquarium UV Water Steriliser

Vecton Aquarium Water Sterilisers

Vecton UV units are supplied with two universal hoses for connection to the water supply and a moulded plug for connection to your electrical supply. Before installing your Vecton unit please read the following safety information.

Important Safety Information

- Never look at an illuminated ultraviolet lamp.
- Do not run the unit dry.
- Always isolate the unit from the mains and turn off the water supply before carrying out any maintenance.
- We strongly recommend the use of an Earth Leakage Circuit Breaker (ELCB).
- This unit must be earthed.
- Do not cover the unit.
- Never use a fuse larger than that recommended (3 amp).
- Rating: 220-240v, 50Hz, UV8-8 watt/UV15-15 watt/UV25-25 watt.
- Broken or cracked quartz sleeves must be replaced immediately to prevent leaks.
- BS EN 60598. 

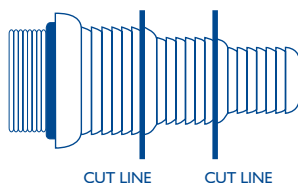
Positioning the Vecton Unit

Vecton units have two handy key hole slots in the back plate, which may be used to mount the unit on a vertical surface, they also come with four sturdy rubber feet which allow the unit to be placed in a horizontal position next to, or near, the aquarium.

The exact positioning of the Vecton unit is not critical; the main requirement is that the unit can be reached by a supply of aquarium water, pumped through flexible hose and returned to the aquarium or sump via flexible hose. A dedicated pump may be used to supply water to the Vecton unit, or the return flow of water from a power filter may be used. It is advisable that water pumped to the Vecton unit is pre-filtered to remove any dirt particles, this ensures maximum UVC penetration through the water.

Connection to the Water Supply

Vecton units are supplied with two universal hoses made from a translucent material which glows blue when the UV lamp is burning. The hoses should be screwed into the Vecton unit and hand tightened only - no tools are required. Ensure that the 'O' rings are located on the threaded end of the hose tail when assembling. Do not use a jointing compound or PTFE tape. The hoses are designed to be used with three different size hoses, if you are using one of the two larger sizes the smaller sections of the hose tail must be cut off to ensure efficient water flow. Once the hoses have been screwed into the plastic body you should cut off the excess hose tail with a hacksaw referring to the diagram below, cut at the second ridge along the cut line shown.



Once the hose tail has been trimmed, secure the hose pipe with a stainless steel jubilee clip. Please note that either hose tail can be used as the inlet or outlet.

Fixing your Pond Clear to a Filter Lid

Your Pond Clear unit is supplied with a pair of plastic nuts and bolts to allow easy fixing to a plastic filter lid. Before commencing any work ensure that the Pond Clear and you will now see the exposed workings of your unit divided into two sections and you will see either three (Pond Clear UV15 and UV25) or four (Pond Clear UV's) recessed dimples, the outer dimples should be drilled to leave 6mm holes. These two holes may now be used as a template to drill the filter lid by marking through holes with a bradle. Remove the filter lid from the filter lid then secure them with the plastic nuts on the underside of the filter lid.

Flow Rates

Do not exceed the maximum flow rate for your Vecton unit as this will considerably reduce its efficiency.

Vecton	UV8	150 UK gal/680 L /180 US gal per hour
	UV15	285 UK gal/1300 L /340 US gal per hour
	UV25	375 UK gal/1700 L /445 US gal per hour

Ensure that the entire volume of aquarium water passes through the Vecton unit at least once every hour, although three times per hour is the optimum.

Connection to the Electrical Supply

The unit is supplied with a moulded plug for connection to a mains socket. We always recommend that the unit is used in conjunction with an Earth Leakage Circuit Breaker (ELCB).

Internal Fuse Replacement

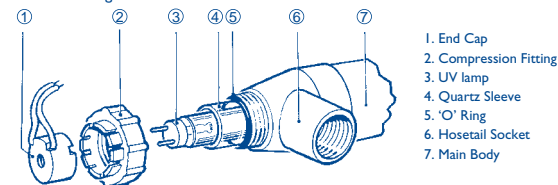
Always isolate the unit from the mains supply before undertaking any maintenance and always use a 3 amp fuse with Vecton units UV8, UV15 and UV25.

Routine Maintenance

The UV lamp inside the Vecton unit has a life of approximately 6 months continuous use. After this period the UVC output from the lamp is no longer sufficient to give effective bacterial control. Use the date indicator on the top of the unit to point to the month of initial installation, the lower arrow will then point to the month when the next lamp change is due. If you change the lamp at the correct interval you will not need to move the date dial after the initial setting, however if you replace the lamp out of sequence please ensure that you reset the dial. The quartz sleeve which protects the lamp from the water, will need cleaning when you replace the lamp. Please note that the main body will need replacing after five years continuous use.

Lamp Replacement & Quartz Cleaning

Isolate the unit from the mains and water supply before removing the cover. Undo the two screw fixings at either end of the cover, the white plastic UV body can then be lifted out of the base for servicing. Please note that the body is firmly held in place so care must be taken when removing. To dismantle the body, remove the white plastic end caps at either end (please see diagram), carefully remove the lamp and then slide off the two 'O' rings. Slide out the quartz sleeve with extreme care and clean with methylated spirits to remove any deposits, then polish with a soft cloth or paper towel. If this fails to remove any limescale build up, clean again using a proprietary kettle descaling solution.



We advise renewal of the 'O' rings each time you service the unit, spares are available from your local dealer. To reassemble the unit replace the quartz sleeve and new 'O' rings then firmly hand tighten the compression fittings. Replace the lamp, relocate the end caps and push the UV body back into the base. Reconnect and turn on the water supply to check for leaks before plugging the unit back into the mains supply, then replace the cover before switching the unit on.

When reassembling the unit please ensure that the 'O' rings are carefully relocated on the ends of the quartz. Failure to do so will result in leaks when the water is turned on.