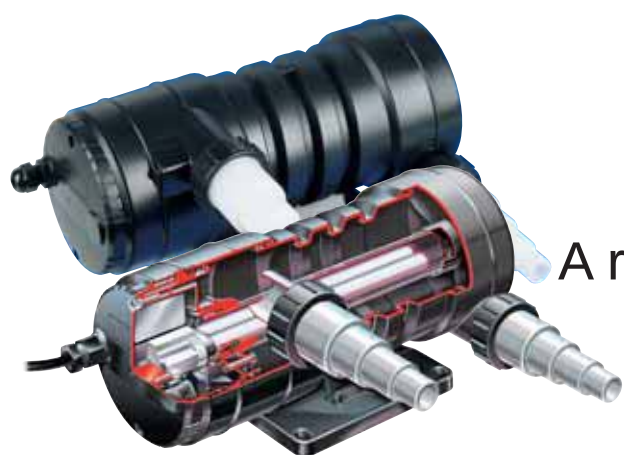




vorton™ ultra violet clarifiers

A revolution in the efficient elimination of green water algae

The Ultra Violet Clarifier (UVC) continues to form a key element of a clearwater system. The algae, causing greenwater, are made to clump together (flocculate) by the UV light so that they can be sieved out of the water by a filter.



Superior Performance

The Vorton UVCs are up to 50% more efficient than many Ultra Violet Clarifiers on the market.

- In-built "Turbulator" - The flow of the water through the UVC, created by the product design, increases the units efficiency by even exposure of the water to the UV light and eliminates the possibility of air locks.
- Single ended UV lamp - The lamp design means 30% more UV light is emitted than a double ended lamp of the same wattage.
- Quartz tube - Quartz allows 87% of the UV rays to pass through it and penetrate the water where it can act on the algae.

- Operating temperature - Careful product design ensures the UV lamps are kept within their optimum operating temperature range, which means that they are always working at their most efficient.

Simple to install

- Multi-directional inlet/outlet - Being able to rotate the inlet and outlet through up to 360°.
- Quick connect hose connections - Joining up the pipework is simple, aiding installation and disconnection for cleaning and maintenance.
- Translucent stepped hoesetails - The UV light causes the hoesetails to glow clearly indicating when the lamp is operating.

Easy to clean and maintain

- Bayonet fitting of electrical housing - Easy access for cleaning the quartz tube and main body.
- Dome ended quartz tube - Cleaning and sealing is simple with only one open end.
- Detachable mounting bracket - The UVC can be easily removed from the mounting bracket.

These highly durable units come with a 2 year guarantee (excluding the lamp).

Clearwater Guarantee

When a Hozelock Cyprio "Vorton" UVC is used with a correctly sized Hozelock Cyprio biological filter, the system is covered by our Clearwater Guarantee.

Vorton UVC Performance Data

Model	Wattage	Max Litres (Max Gallons) 	LPH (GPH) 	
4500	9w	4500 LTR (1000 GALS)	2200 LPH (500 GPH)	20 - 40 mm
14000	11w	14000 LTR (3000 GALS)	7000 LPH (1500 GPH)	20 - 40 mm
27000	2 x 11w	27000 LTR (6000 GALS)	13500 LPH (3000 GPH)	20 - 40 mm

Part number	Description	Product Bar Code	Pack Qty
1551	Vorton UVC 4500	50 10646 03419 7	2
1553	Vorton UVC 14000	50 10646 03420 3	2
1555	Vorton UVC 27000	50 10646 03423 4	2
1519	Lamp 5w PLS TUV	50 10646 04340 3	10
1520	Lamp 9w PLS TUV	50 10646 04343 4	10
1521	Lamp 11w PLS TUV (x2 FOR 27000)	50 10646 04344 1	10
1523	Quartz Tube 4500	50 10646 03446 3	1
1524	Quartz Tube 14000 (x2 FOR 27000)	50 10646 03447 0	1
1522	UVC Annual Service Kit	50 10646 03448 7	1
1537	Hosetails UVC Spare Set	50 10646 03049 6	1

