

Deltaqua International. Ltd.

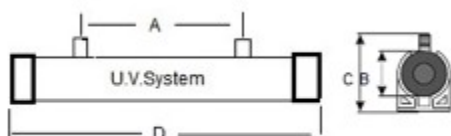


Water Treatment Systems

UV Sterilizers - Available in flow rates 2 - 13 GPM / 7.5 lts to 51 lts. PM and various sizes, select size and flow from drop down box includes Power supply

U.V. disinfection is very fast, requires no additional chemicals or additives and cannot be overdosed.

The system includes a visual and audible alarm in case of lamp failure.



Model	A	B	C	D	E
UV-14	255	50.8	90	355	½" BSP Male
UV-18	335	50.8	90	435	½" BSP Male
UV-21	470	50.8	90	575	½" BSP Male
UV-29	605	50.8	90	715	¾" BSP Male
UV-40	835	50.8	90	945	1" BSP Male

Ultra Violet energy is radiated by special lamps. The U.V. rays penetrates the cell membrane and destroys the DNA inside the cells, effectively destroying the organism and its ability to reproduce.

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Applications

- ♦ ***Wells***
- ♦ ***Homes***
- ♦ ***Water Systems***
- ♦ ***Food Service***
- ♦ ***Water Coolers***

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- ♦ *Aquaculture*
- ♦ *R.O.Systems*

Features & Benefits

- ♦ *Disinfection without chemicals*
- ♦ *Effective disinfection for chlorine resistant bacteria*
- ♦ *Stainless 304 Stainless Steel Chamber*
- ♦ *Easy Lamp replacement*
- ♦ *visual and audible alarm in case of lamp failure*

Water Quality Guidelines

- ♦ *Total Iron: less than 0.3 mg/l*
- ♦ *Hydrogen Sulphide less than 0.05 mg/l*
- ♦ *Turbidity less than 10mg/l*
- ♦ *Hardness less than 7 grains*
- ♦ *U.V. Transmittance greater than 90%*

Pre-Treatment

A sediment filter is normally fitted immediately before the U.V. unit.

This sediment filter prevents particles getting through to the U.V. behind which bacteria can hide and thus not be killed. For a domestic application a 10” filter housing with a 5 or 10 micron filter is normally used.

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