Datasheet

Ultra Violet Disinfection

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Why Ultra Violet Disinfection?

Ultra violet disinfection is the most effective method of treating a spring, well or borehole supply. Bacteria passing through the chamber are exposed to ultra violet light which attacks their DNA – effectively destroying them. UV does not use chemicals which means it is safe and easy to operate.

Ultra Violet Benefits:

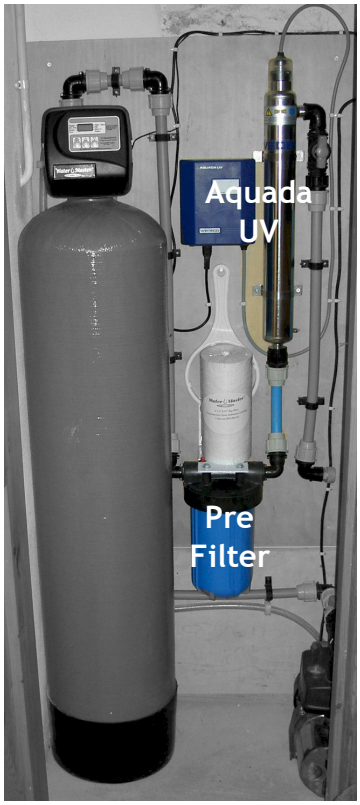
- Destroys microbiological contamination such as **Faecal Coliforms and *E.coli***
- High flow rates make it ideal for **whole house protection**
- Easy to operate
- **Does not affect the taste or odour** of the water
- Stainless steel chamber to meet highest quality standards

Why Pre filtration?

- Reduces discolouration following heavy rainfall
- Prevents shadowing whereby bacteria can pass through the UV chamber without purification

Maintenance:

The pre filter will need changing every 3 to 6 months dependent on the quality of the incoming water. The UV lamp will need changing every 9 to 12 months N.B. The UV should be left on all the time since constant switching on and off will severely reduce lamp life.



	Flow Rate (litres per minute)			Flange Connection	Power Consumption (Watts)	Dimensions W x H x D (mm)
	250 Joules/m^2	300 Joules/m^2	400 Joules/m^2			
Aquada1	18	15	12	½"	35	470x90x70
Aquada2	45	38	30	¾"	55	670x95x70
Aquada4	78	65	49	¾"	55	675x129x102
Aquada 7	146	122	92	1"	95	1035x132 x102
Aquada10	220	183	137	1 ½"	95	1040x180 x140

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