

# Ultra Violet Treatment Domestic Systems



## DATA SHEET

Ultra Violet (UV) treatment systems offer many benefits for swimming pool water treatment. Whilst it does not replace the need for chlorination it does supplement this method. Benefits include:

- Destruction of and protection against Cryptosporidium and Giardia
- A reduction in chloramines (combined chlorine)
- Supplementary disinfection
- Prevention against algae growth
- Increased bather comfort
- Reduced chlorine residual in the water (lower set point)
- Low maintenance costs
- A reduction in the amount of dilution required

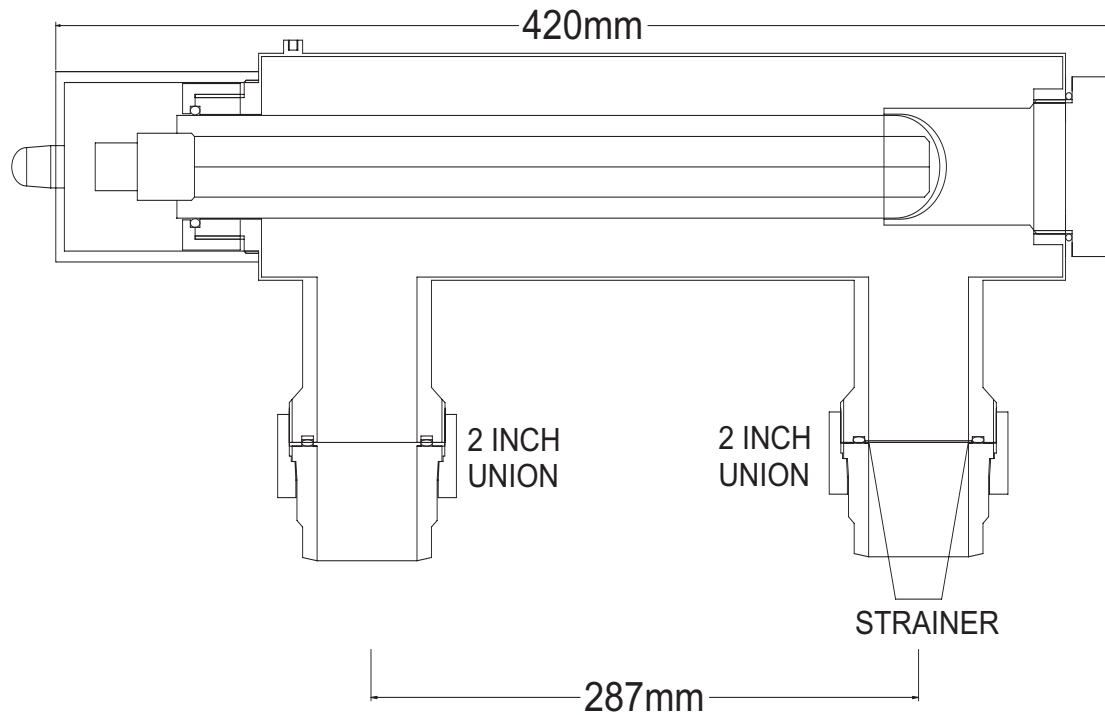
The Topline ultra violet treatment system is configured to treat a pool with a flow rate of 15m<sup>3</sup> per hour. Using low-pressure UV lamps at a wavelength of 254nm, the system has a proven germicidal effect. The flow of water through the system has been calculated to provide optimum contact with the UV light without any shadow areas, ensuring all the water is fully treated.



# Ultra Violet Treatment Domestic System



## DIMENSIONS



## TECHNICAL DATA

Dimensions single tube control unit	235mm wide x 235mm high x 150 deep IP54 316 stainless steel
Power requirement	240 VAC single phase 50 Hz.
Power consumption	36 Watts
Treatment rate each tube	15m <sup>3</sup> per hour
Operating temperature	0-50 degrees centigrade



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