



## 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
- ENERGY EFFICIENT.** Low running costs when compared to a medium pressure UV system. A 7KW medium pressure unit will typically use £5000-00 of electricity per year. A Topline low pressure unit will use £350-00 of electricity in a year.

The Topline ultra violet treatment system is full flow and can be configured to treat any size of pool. Using low-pressure UV lamps at a wavelength of 254nm, the system has a proven germicidal effect. In addition, 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.



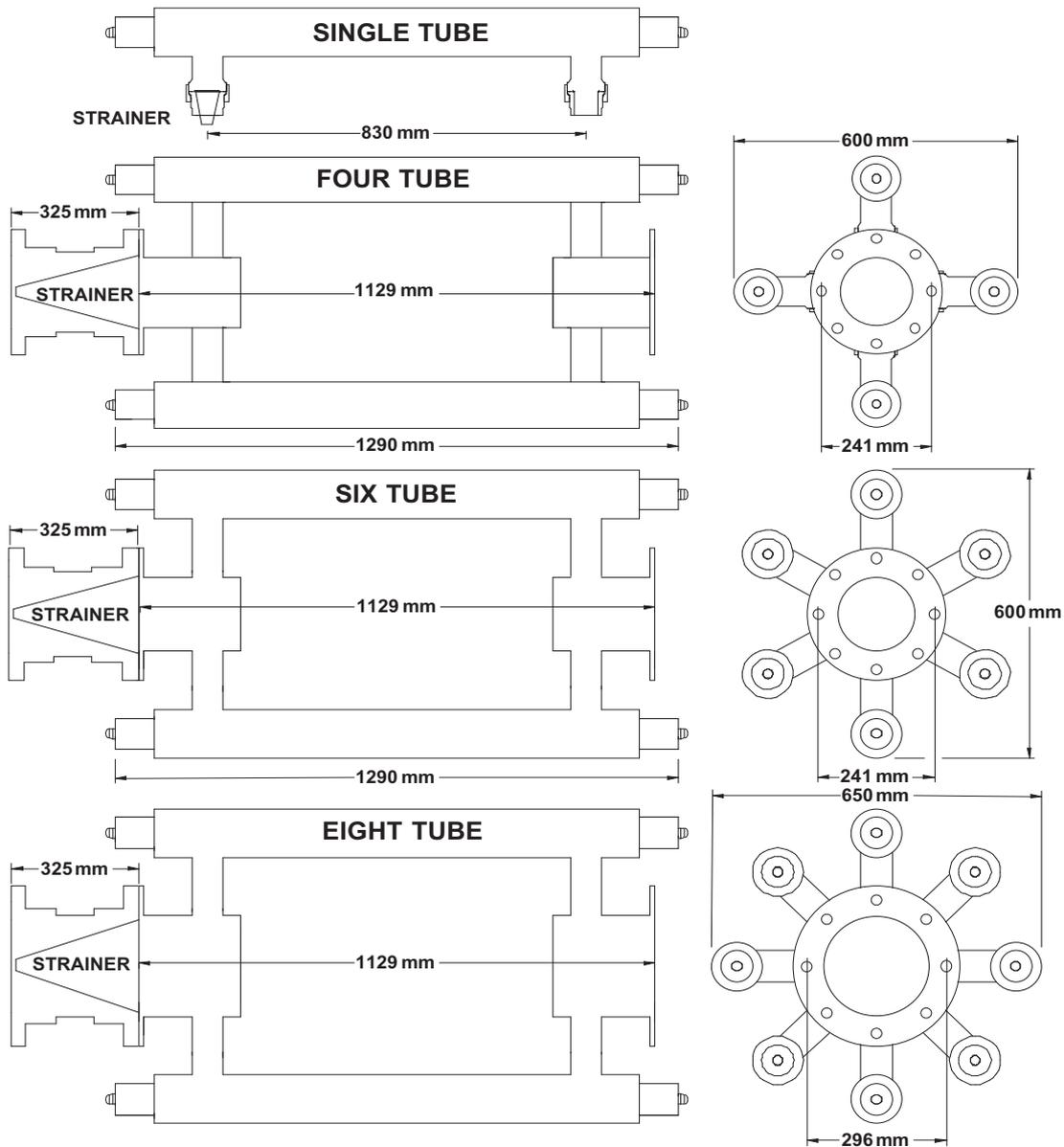
# Ultra Violet Treatment

## Systems

ideal for any sized pool



### DIMENSIONS



### TECHNICAL DATA

Dimensions single tube control unit	235mm wide x 235mm high x 150 deep IP54 316 stainless steel
Dimensions multi tube control unit (2 control units for 6 & 8 tube systems)	345mm wide x 345mm high x 150 deep IP54 316 stainless steel
Power Requirement	240 VAC single phase 50 Hz.
Power Consumption (Each Tube)	100 watts
Treatment rate each tube	25m <sup>3</sup> per hour
Operating Temperature	0-50 degrees centigrade



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