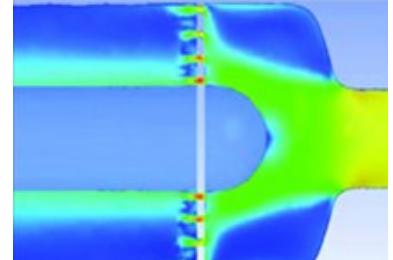


# Validated UV Range

The new Validated Range of UV disinfection units from Van Remmen UV Techniek combine the latest UV chamber designs with a unique flow management system and high output lamp technology. Brought to you by UVO3 Ltd, their UK distributor, these units offer a number of advantages and features:

- Biosimetric tested and Validated
- Unique flow management system ensures that the correct UV dosage is delivered to all of the water, all of the time
- **WRAS Approved**
- Easy to install, operate & maintain
- Reliable in operation
- High output lamps - reduces the number of lamps required
- High efficiency electronic controls mean reduced running costs



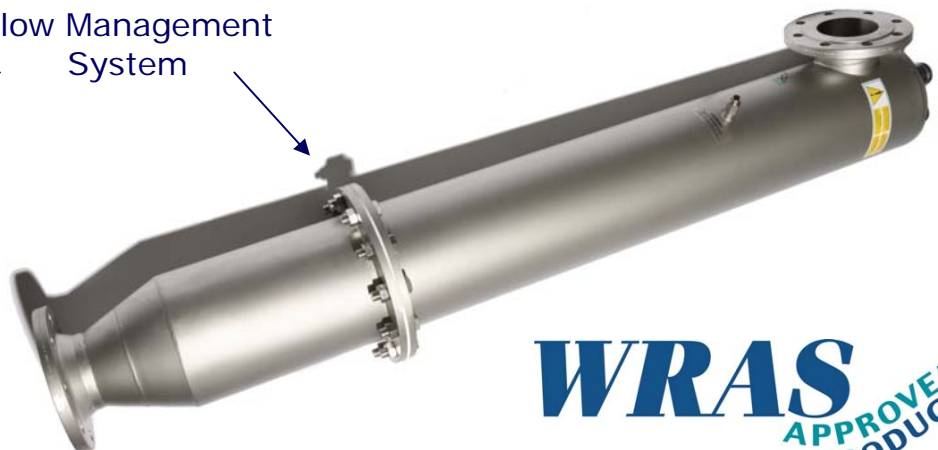
UV chamber design with special flow management system - optimised using CFD techniques then proven by biosimetric testing.

## Options

- UV Intensity Meter with alarm contacts
- Audible alarm
- 'No flow' over-temperature protection
- Sanitary versions
- Manual or automatic wipers
- Chemical cleaning (CIP) system



Flow Management System



**WRAS**  
APPROVED  
PRODUCT

Please see overleaf for application details or contact the UVO3 office for further information



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# Applications

With a wide range of both single and multi-lamp units available, we are able to provide the ideal solution for all your water disinfection applications.



## Validated Drinking Water Units

To reliably control the level of bacteria and waterborne diseases such as Cryptosporidium and E-coli.

'V' Series (Validated) units treat upto 113 m<sup>3</sup>/hr whilst giving a 30 mJ/cm<sup>2</sup> dosage. Larger units are available to treat flow rates of upto 858 m<sup>3</sup>/hr.

These highly advanced units offer some of the lowest running costs/m<sup>3</sup> available today.

## Process Water Units

Fluids (e.g. water) used during production processes or as part of an end product can be UV treated when and where required.

'P' Series to treat upto 300 m<sup>3</sup>/hr whilst giving a 30 mJ/cm<sup>2</sup> dosage at 80% T<sub>10</sub> UV Transmission.

Sanitary units are also available for pharmaceutical type applications, complete with validation documentation.



## Swimming Pool Units

Many swimming pool owners and operators are adding UV treatment due to its advantages over the current, generally chemical based, pool water disinfection methods.

'S' Series units for treating upto 310 m<sup>3</sup>/hr whilst giving a 50 mJ/cm<sup>2</sup> dosage, for Commercial pools.

Unit for treating upto 40 m<sup>3</sup>/hr whilst giving a 25 mJ/cm<sup>2</sup> dosage, for Private pools.

## Waste Water Units

Waste water must generally be disinfected before re-use or disposal into the environment.

'W' Series to treat upto 120 m<sup>3</sup>/hr whilst giving a 30 mJ/cm<sup>2</sup> dosage at 60% T<sub>10</sub> UV Transmission. However, we can also effectively treat waste water streams with lower UV transmission levels e.g. 40% T<sub>10</sub>. Dose calculation and data logging options available to meet EA consent requirements.



**Please contact the UVO3 office for specific data sheets or for further assistance.**

Details subject to change without prior notice



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