



UV Treatment for the Water Industry

## CONTAINERISED UV DISINFECTION PACKAGE

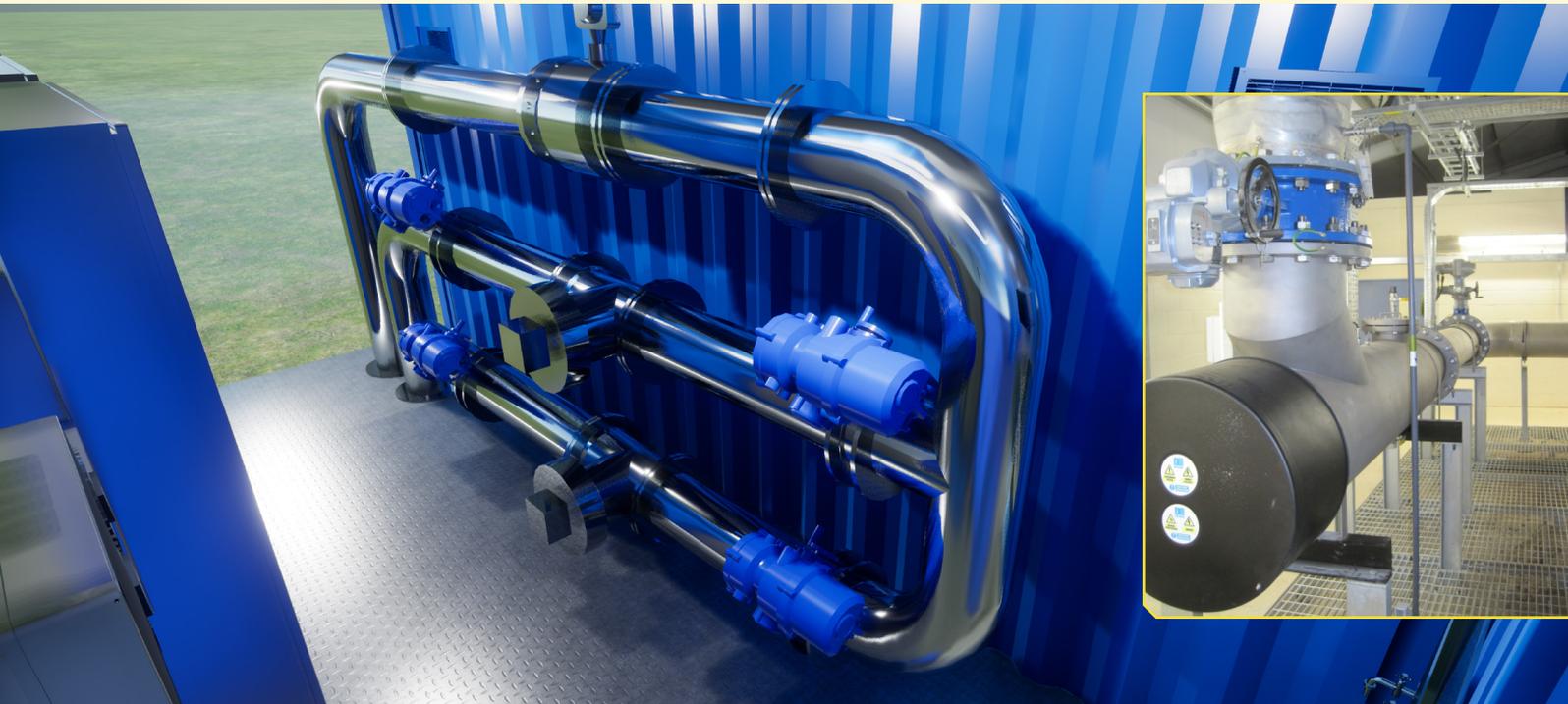
Reduces down time / installation periods. Flow Rates from 1m<sup>3</sup>/hr to 500m<sup>3</sup>/hr.

### 20ft ISO Container with bespoke layout including:

- SR Security ratings
- 100% Duty UV Chamber
- 100% Standby UV Chamber
- 316L Stainless Steel Pipework
- Electrically Actuated Inlet and Outlet Valves
- Sampling Points
- Flow Meter
- Uvt Monitors & Instrument Back Board
- Local control panels designed and manufactured in-house

- Fully compliant with DWI Reg 31 / WRAS approved
- WIMES Compliant
- Compliant with Relevant Authority Standards and Supplier Asset Lists

The containerised UV disinfection package is manufactured specifically for flows of up to 500m<sup>3</sup>/hr. It has been designed for projects where plant downtime and installation periods need to be kept to a minimum.



Each 20ft container can utilise various bespoke layouts to accommodate existing, external, site pipework arrangements, providing clear access to all areas. For new site installations, a standard floor entry/exit pipework arrangement would be incorporated for a more secure system.

Actuated butterfly valves installed upstream and downstream of UV chambers are used for easy isolation and maintenance. The actuators are battery backed up for constant UV chamber protection, even in power outages.

Once isolated, the UV chamber allows for easy access to the internal lamps for replacements & maintenance.

The package is designed as a standalone unit and is supplied with pre and post Uvt monitoring systems complete with a dedicated hygienic sampling station. Local control panel are designed and manufactured in-house to suit client's specific and general specifications.

Trant's containerised UV disinfection package is fully compliant with DWI Reg 31, WIMES, and client standards and validated in accordance with the latest DWI guidance documentation.

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