

# Key Features & Benefits of Wedeco UV Systems

## 1. WEDECO TECHNOLOGY = PEACE OF MIND

- WEDECO group is the world market leader in UV disinfection.
- Thousands of Wedeco UV systems have been installed throughout the world.
- UViFLO is a proven range with a few thousand installations operating throughout the world, including Asia.

## 2. INTENSE UV DOSE = RELIABLE DISINFECTION

- UV dose and its reliability across flow rates is one of the most important features of a UV system.
- Inadequate UV dosage will result in partial disinfection, defeating the purpose of installing a UV system in the first place.
- UViFLO UV disinfection systems deliver minimum 300 J/m<sup>2</sup> UV dose at 94%T of water and the rated maximum flow rate.

## 3. SINGLE LAMP PER REACTOR = LOWER OPERATING COST

- As UViFLO delivers the high UV dose using only 1 lamp per reactor, you need to replace only 1 UV lamp at the end of its useful life.
- On the other hand, a UV system with say 2 lamps will require 2 lamps which adds to the operating cost.

## 4. HIGH QUALITY UV LAMP & FUSED QUARTZ SLEEVE = INTENSE UV-C RADIATION

- UViFLO uses high quality quartz lamps with high %T, long life (over 8,600 hours) and excellent reliability.
- UViFLO lamps are sealed in superior quality fused quartz sleeves with high %T.

## 5. ELECTRO-POLISHED SS 316 CONSTRUCTION = VERY LONG LIFE

- UViFLO is manufactured from electro-polished SS 316 (min. 1.6mm thick).
- Electro-polished SS 316 offers excellent corrosion resistance and a much longer life compared to other materials like Aluminium or plastics.
- Other benefits of robust SS 316 construction are
  - Hygienic and easy to clean
  - No adverse health effects unlike Aluminium

## 6. 10 BAR PRESSURE RATING = TROUBLE FREE OPERATION

- Each UViFLO system is individually tested and certified for 10 bar water pressure to ensure trouble free service for years to come.

## 7. OPTIONAL EXTRAS = YOU ONLY PAY FOR THE FEATURES YOU NEED

We believe you should not be forced to buy “bundled” features that you don’t need.

UViFLO offers a basic, highly reliable UV disinfection system and allows you to choose various additional features that you need:

### Options available:

- Lamp fail alarm
- Weather-proof power supply
- UV monitor
- Quartz sleeve wipers
- Multiple unit modules, etc.