ULTRAAQUA
UV DISINFECTION SYSTEMS

SS/PP CHANNEL SERIES

The SS/PP channel series is versatile and will fit into a variety of channel/reservoir depths and widths. Because of their lightweight construction both PP and SS channels can be installed and moved into the service position by hand.

- Installation solutions ensure no water bypasses the system
- Lamp frames can be raised individually by one or two persons into the locked service position
- Mounting systems can be custom designed
- No tools needed for regular maintenance
- Ultraaqua offers design and manufacture of custom-fit tanks for channel systems mounting
- Ultraaqua offers solutions with integrated microscreens

- Hygienic isolated maintenance compartment (see picture below)

CLEAN & HYGIENIC MAINTENANCE

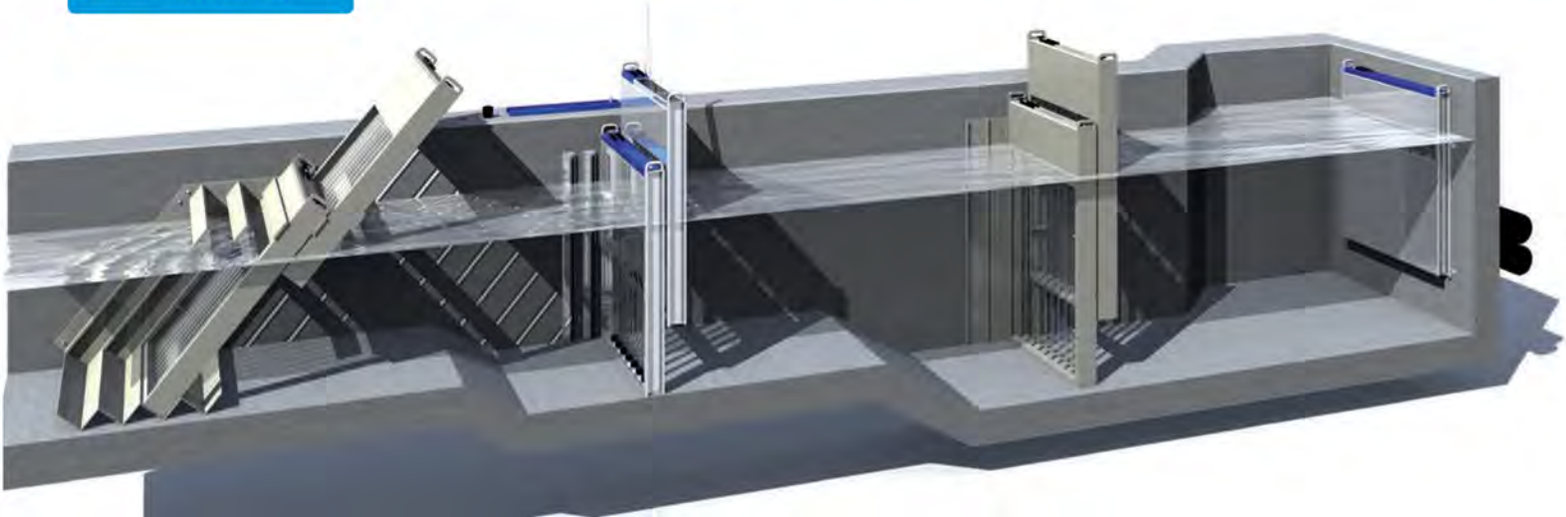
All Ultraaqua's channel series have an isolated maintenance compartment. This ensures that the technician does not come in contact with the contaminated liquid under service and maintenance.

Tilted mounting
220/440 W series
Water levels: **1.0 - 1.3 m**
Shown: MR10-220PP C

Vertical mounting
220/440 W series
Water levels: **1.28 - 1.60 m**
Shown: MR8-440SS C

Vertical mounting
220/350 W series
Water levels: **1.78 - 2.10 m**
Shown: MR10-350 PP C

Wall mounting
220/350/440 W series
Flow from reservoir to pipes through wall
Shown: MR8-440 SS C



WASTEWATER APPLICATIONS

FROM 10 - 10.000m³/h

Ultraaqua's channel series are versatile and perfect for wastewater applications. Disinfecting wastewater can require very high UV doses depending on application an government legislations, this is why the UV system needs to pack a lot of power. With the scalability of the SS/PP channel series, matching the applications specific needs have never been easier.

The channel series also include an isolated and dry top compartment for tool free maintenance. This ensures no contact with the wastewater and creates a more hygienic working environment.

- Scalability of the system insures "best-fit" solution
- Capable of disinfecting very high flow volumes
- Hygienic isolated maintenance compartment
- Very compact installation

MR50-350SS CHANNEL

The MR50-350SS channel model delivers 17.500 Watt on a 0.51m² footprint, and can disinfect 1.000 m³ regular wastewater per hour. This is a lot of power in a very little space, and with one central automatic cleaning system, maintenance have never been easier.

- 35.000 watt per square meter footprint
- Can disinfect up to 1.000 m³/h of municipal wastewater
- Centralised automatic cleaning system

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FLUIDQUIP AUSTRALIA
UV DISINFECTION · MONITORING · ANALYSIS

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