

WASTEWATER

EFFICIENT AND CHEMICAL FREE UV DISINFECTION

ULTRAAQUA
UV DISINFECTION SYSTEMS

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WASTEWATER OPEN CHANNEL UV SYSTEMS

CORROSION-RESISTANT MATERIALS FOR BOTH CONTROL CABINETS AND LAMP BANKS WITH OPTIONS FOR ELECTRO-POLISHED STAINLESS STEEL

UV systems can be controlled remotely via ULTRAAQUA UV central PLC simply by bringing ethernet cable in

4,3" multicolor high-resolution menu driven touch display with indicators for each individual lamp

WASTEWATER CONTROL CENTER

ULTRAAQUA UV ultrasonic water level sensors

Upon request optional UVT measurement sensors

ULTRAAQUA UV can supply weirs to keep the water at the same level and Open Channel UV system fully immersed at all times

ULTRAAQUA UV ULTRAtouch™ control cabinets reflects "what you need to know when you need to know it" design philosophy. Behind the ULTRAtouch™ multicolor touchscreen, an advanced PLC control system is constantly monitoring and adjusting the electrical parameters of each individual lamp. This ensures their optimal performance based on data coming from the UV sensor. PLC's event and performance log is saving the information for further analysis

OPEN CHANNEL SYSTEMS ARE AVAILABLE FOR VERTICAL, INCLINED AND WALL MOUNTED INSTALLATIONS MAKING IT A PERFECT SOLUTION FOR RETROFITING

Lamp bank design with compact lamp placement guarantees capability to disinfect high flow volumes

Automatic wiper system ULTRAWiper™ to keep the quartz sleeves and UV sensor clean

16 000 h ULTRATHERM™ lamps

Inclined option to fit installations for lower water levels

The design technology for Open Channel UV systems with a dry and isolated compartment grants customers with easy access to all lamps. **The regular maintenance tasks can be performed while the UV system stays in the water**