

WASTEWATER

EFFICIENT AND CHEMICAL-FREE UV DISINFECTION



ULTRAAQUA
UV DISINFECTION SYSTEMS

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WASTEWATER OPEN CHANNEL UV SYSTEMS

ENVIRONMENTAL FRIENDLY & CHEMICAL-FREE DISINFECTION OF WASTEWATER

UV INACTIVATES CHLORINE-RESISTANT MICROORGANISMS LIKE CRYPTOSPORIDIUM AND GIARDIA & DOES NOT PRODUCE ANY CARCINOGENIC DISINFECTION BY-PRODUCTS

UV systems can be controlled remotely via ULTRAAQUA UV central PLC system

ULTRATOUCH™ control system reflects "what you need to know when you need to know it" design philosophy

16000 hours lamp lifetime with ULTRATHERM™ lamps - saves time and money

ULTRAAQUA UV ultrasonic water level sensor

ULTRAAQUA UVT measurement sensor

ULTRAAQUA UV can supply weirs to maintain an optimal water level

OPTIMIZED POWER CONSUMPTION WITH ADVANCED ULTRADOSE™ PACING TECHNOLOGY
ULTRATHERM™ lamp power is adjusted automatically based on disinfection demand

OPEN CHANNEL SYSTEMS ARE AVAILABLE FOR VERTICAL, INCLINED AND WALL MOUNTED INSTALLATIONS - MAKING IT A PERFECT SOLUTION FOR RETROFIT INSTALLATION INTO EXISTING CHLORINE CONTACT TANKS

ULTRAAQUA unique UV system design allows up to 30 cm/12 inch variation in water level

Automatic ULTRAWIPER™ system reduces maintenance by keeping quartz sleeves and UV sensor clean without disrupting disinfection

Inclined designs fit installations for lower water levels

REGULAR MAINTENANCE TASKS CAN BE PERFORMED WHILE THE UV SYSTEM IS OPERATIONAL
The design technology for Open Channel UV systems with hygienic isolated top compartment allows for easy access to all lamps

