

SPECIFICATIONS



WYCKOMAR Quattra 50 UV System

Rated Flow:	189 litres per minute (50 GPM) 11,340 litres/hour, 272,160 litres/day (3,000 gallons/hour, 72,000 gallons/day)
Initial UV Dose at Rated Flow:	40 mJ/cm ² (40,000 uwsec/cm ²) @ 95% T
Electrical:	110-130V / 50-60 Hz 220-240V/ 50-60 Hz
Number of Lamps:	4 (at 44 Watts each)
Size and Weight:	32 x 8 x 11 in., 150 lbs / 68 kg
Maximum Operating Temp:	40°C (104°F)
Maximum Operating Pressure:	125 psi – 8.6 bar (tested to 500 psi)
Plumbing:	1 1/4" MNPT In/Out
Chamber Material:	304L Stainless Steel (316L available)
Control Panel:	Integrated UV-Monitor
Additional Features (Optional):	Solenoid Valve, Electronic Deposit Control

The Quattra 50 UV System is a small footprint, high dose disinfection sterilizer unit for the treatment of effluent wastewater. It is equipped with a pneumatic air-drive wiper system (on-site air required) for low-maintenance operation and is very well suited for use aboard ship and in other applications where space is at a premium.

The Quattra 50 UV kills most harmful pathogens such as viruses, bacteria and protozoa with a powerful UV disinfection dose that will inactivate the pathogens at a kill rate of >99.9% (*Giardia*, *E.coli*, *Cryptosporidium*, *Vibria cholera*, *Legionella*, *Salmonella*, *Shigella*, *Streptococcus* and many others)



Fail-Safe Operation

The Quattra 50 UV System is equipped with a control panel that has an integrated UV Monitor to monitor the UV light intensity in real time. A solenoid valve can be driven by the monitor to shut off the flow of water if an inadequate UV power is detected.

This industrial water purification system offers very efficient water treatment at a low cost per unit volume. The system is designed for ease of installation and is fully tested prior to shipment.

Specifications may be subject to change



Manufactured in Canada by **Wyckomar Inc.** 111 Malcolm Road, Guelph Ontario Canada N1K 1A8
Phone 1-800-419-5162 Fax 519-763-6580 sales@wyckomaruv.com