

High Volume Water Treatment System

Multiple Levels of Sediment Filtration to 1 Micron
UV Disinfection
Easy Change Filter Cartridges
Compact Foot Print - Various Flow Rates Available



SPECIFICATIONS



WYCKOMAR High Volume Skid Mount

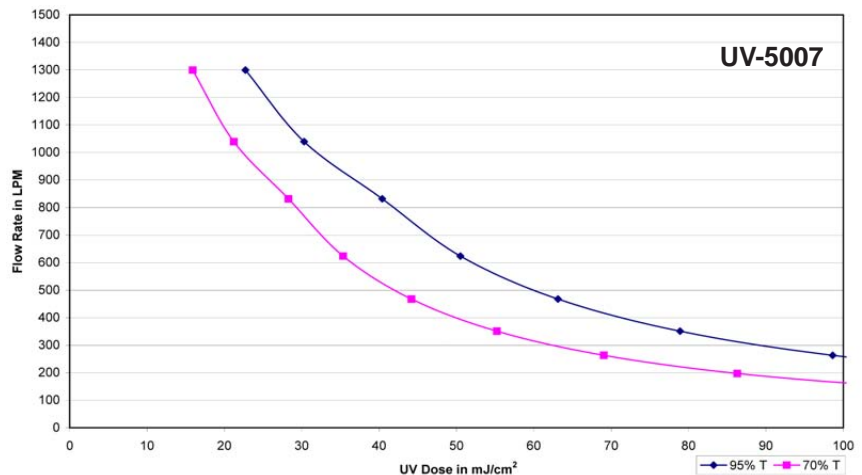
Rated Flow:	946 litres per minute (250 gpm) 56,7600 litres/hour, 1.36 mio litres/day (15,000 gallons/hour, 360,000 gallons/ day)
Initial UV Dose at Rated Flow:	35 mJ/cm ² (35,000 μWsec/cm ²) @ 95% T
Electrical:	100-130V / 50-60 Hz 220-240V/ 50-60 Hz
Approx. Power Usage:	800 W
Maximum Operating Temp:	37 °C (98.6 °F)
Maximum Operating Pressure:	125 psi – 8.6 bar (tested to 500 psi)
Plumbing:	3" Flange In/Out
Chamber Material:	316L Stainless Steel
Filtration (in SS Housings):	20 and 1 Micron Sediment Filter Custom Filter Configurations Available
Additional Features (Optional):	UV-Monitor, Solenoid Valve Electronic De-Scaling System

This All-in-One Water Treatment System, installed at the point of entry, is ideal for commercial and industrial operations where a high volume output is required, e.g. for process water disinfection. The system is based on the UV-5007 sterilizer and offers multiple levels of sediment filtration down to 1 micron, using high-volume, non-metallic filter housings that make the change of cartridges very easy. Harmful microorganisms such as viruses, bacteria and protozoa are killed with a powerful UV disinfection dose that will inactivate the pathogens at a kill rate of >99.9% (*Giardia*, *E.coli*, *Cryptosporidium*, *Vibrio cholerae*, *Legionella*, *Salmonella*, *Shigella*, *Streptococcus* and many others).

The design of the system allows manifold of multiple units and individual filter configurations for many different application up to flow rates requirements of 1000 GPM (3,800 LPM)



Dose Chart



Fail-Safe Operation with UV-Monitor

The (optional) monitor is a safety device that monitors the UV systems' effectiveness in real time and displays the UV intensity on the meter face. The monitor will sound an alarm and trigger a solenoid valve to shut off the water flow in case the UV lamp burns out or the dose is inadequate for proper disinfection.

This skid mounted 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