



Transportable 250 GPM (~1000 LPM)
Water Treatment System

Multiple Filtration Levels to 1 Micron
UV Disinfection

Chlorine Residual For Downstream Protection
Turbidity - ORP - Real Time UV Monitoring Built In
Pressure Gauges - Test Ports - Alarm Functions Built In



SPECIFICATIONS



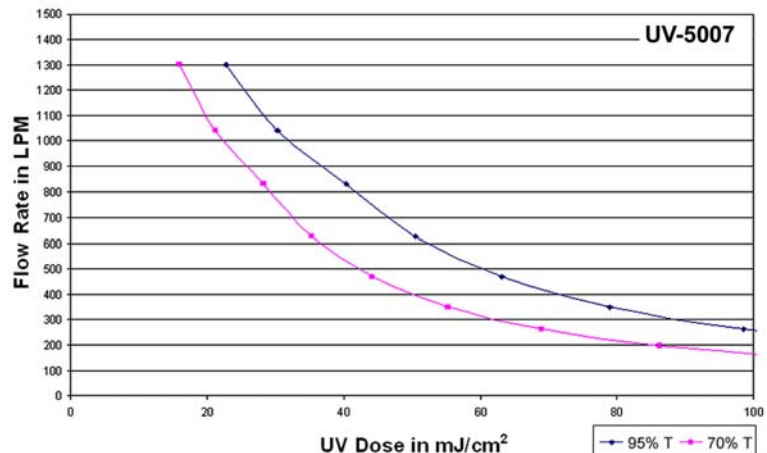
WYCKOMAR 250 GPM Skid Mount

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| Rated Flow: | 946 litres per minute (250 GPM) 56,760 litres/hour, 1,36 mio litres/day (15,000 gallons/hour, 360,000 g/ day) |
| Initial UV Dose at Rated Flow: | 35mJ/cm ² (35,000 uwsec/cm ²) @ 95% T |
| Electrical: | 100-130V / 50-60 Hz 220-240V/ 50-60 Hz |
| Approx. Power Usage: | 700 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: | 304L Stainless Steel |
| Filtration (in SS Housings): | 50, 20, 1A Micron Sediment Filter Custom Filter Configurations Available |
| Additional Features (Optional): | Real Time Monitoring of UV, TDS, ORP Pressure Gauges, Test Ports, Solenoid Valve |

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. The system offers multiple levels of sediment and carbon filtration down to 1 micron, using high volume, stainless steel filter housings and is ideal for the treatment of ground or surface water. It will purify the source water of most harmful microorganisms such as viruses, bacteria and protozoa with a powerful UV disinfection dose that will inactivate pathogens at a kill rate of >99.9% (*Giardia*, *E.coli*, *Cryptosporidium*, *Vibria cholera*, *Legionella*, *Salmonella*, *Shigella*, *Streptococcus* and many others). The water is enriched with chlorine in its last stage for downstream protection.

This skid mounted system offers very efficient water treatment and failsafe operation. It is transportable, designed for ease of installation and fully tested prior to shipment.

Dose Chart



Fail-Safe Operation with UV-Monitor

The monitor is a safety device that monitors the UV systems' effectiveness in real time and displays the UV intensity. Turbidity and ORP levels may also be monitored based on configuration chosen. The monitor will sound an alarm and trigger a solenoid shut-off valve in case the UV lamp burns out or the dose is inadequate for proper disinfection. Pressure gauges on the filter housings ensure easy monitoring of the filter status.



Specifications may be subject to change