



## Skid Mounted Water Treatment System for General Applications - 50 GPM

Multiple Levels of Filtration Including  
Sediment / Taste & Odour / VOC's  
UV Disinfection and Fail-Safe Operation with Solenoid Valve  
and Built-In Alarm System.

Electronic De-Scaling System Optional  
Simple to Install and Operate Anywhere



## SPECIFICATIONS

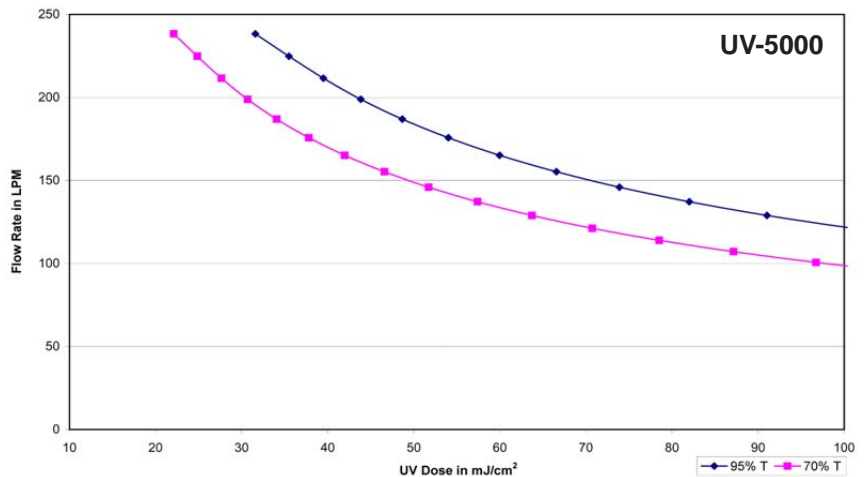


### WYCKOMAR 50 GPM Skid Mount II

<b>Rated Flow:</b>	189 litres per minute (50 gpm) 11,340 litres/hour, 272,160 litres/day (3,000 gallons/hour, 72,000 gallons/ day)
<b>Initial UV Dose at Rated Flow:</b>	47 mJ/cm <sup>2</sup> (47,000 μWsec/cm <sup>2</sup> ) @ 95% T
<b>Electrical:</b>	100-130V / 50-60 Hz 220-240V/ 50-60 Hz
<b>Approx. Power Usage:</b>	220 W
<b>Maximum Operating Temp:</b>	37 °C (98.6 °F)
<b>Maximum Operating Pressure:</b>	125 psi – 8.6 bar (tested to 500 psi)
<b>Plumbing:</b>	2" MNPT In/Out
<b>Chamber Material:</b>	316L Stainless Steel
<b>Filtration (in SS Housings):</b>	5 Micron and 1 Micron Sediment Filter 5 Micron Carbon Filter
<b>Additional Features (Optional):</b>	UV-Monitor, Solenoid Valve Electronic De-Scaling System

This All-in-One Water Treatment System, installed at the point of entry, is ideal for multi-residential, commercial and industrial applications, such as campgrounds, large farms or bottling plants, where the drinking water is supplied by the municipality, drawn from a well or from a lake or a river. It will purify the water of most contaminants found in water, especially sediments, low to normal levels of iron and manganese and pesticides as well as taste and odour, including sulphur smell. 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).

### 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 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