



## 100 GPM Skid Mounted Water Purification System

Manual Valves and Dual Filtration Configuration  
Fail-Safe Operation with UV Monitor and Solenoid Valve



# SPECIFICATIONS

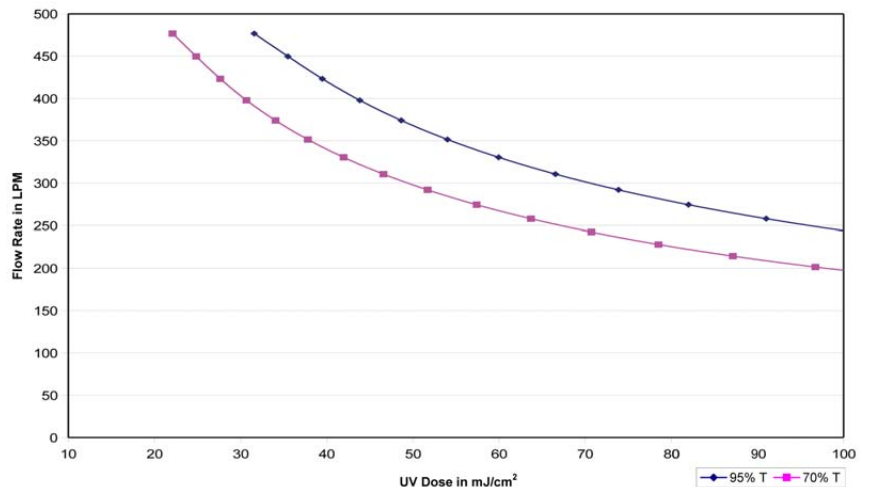


## WYCKOMAR 100 GPM Skid Mount

<b>Rated Flow:</b>	378 litres per minute (100 gpm) 22,680 litres/hour, 544,320 litres/day (6,000 gallons/hour, 144,000 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>	460 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 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 commercial and industrial operations where the drinking water is supplied by a well or drawn from surface water. The system consists of 2 UV units in manifold, for a high flow rate. It will purify the water of most contaminants found in groundwater and surface 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. Additionally, it features manual shut off valves.

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