



# SKD5000-JCH90-FM4X4

## All-in-On Water Treatment Micro Filtration and UV Disinfection

Rated Flow 50 GPM /189 LPM



- Features:**
- Stainless Steel Filter Housing w/ Jumbo 5 Micron Sediment Filter Cartridge and Pressure Gauge
  - Stainless Steel Multi-Cartridge Filter Housing w/ 4 Carbon Cartridges
  - UV-5000 Sterilizer 316 SS
  - NEMA IV Control Panel
  - UV Monitor w/ 2 Sensors
  - Solenoid Valve
  - Manual Shutoff Valves
  - Skid Mounted on 304 SS
- Footprint: 48x52x63 inches, 270 lbs

Contact your local dealer:

## SPECIFICATIONS



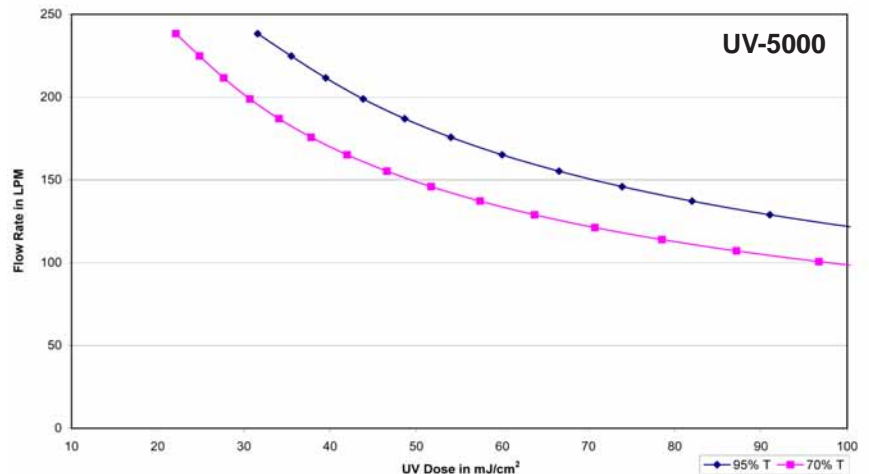
### WYCKOMAR 50 GPM Skid Mount

<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 Sediment Filter 5 Micron Carbon Filter
<b>Additional Features (Optional):</b>	UV-Monitor, Solenoid Valve

This All-in-One Water Treatment System, installed at the point of entry, is ideal for multi-residential, commercial and industrial operations, 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 groundwater, 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*, *Vibria cholera*, *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