

SPECIFICATIONS



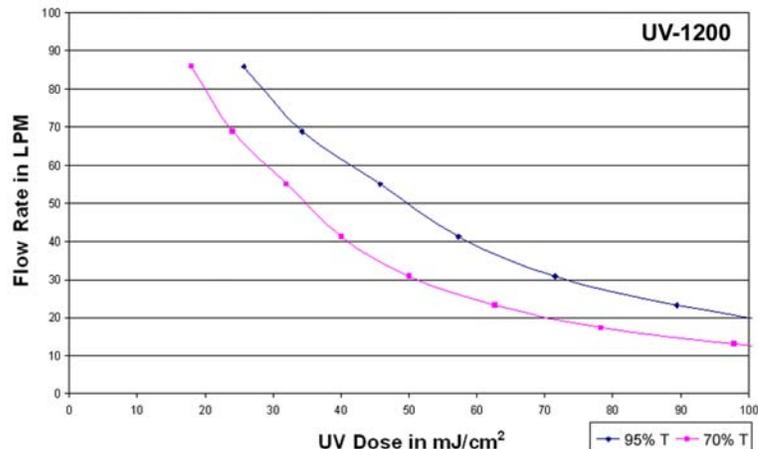
WYCKOMAR MD1004 Integrated System

Rated Flow:	45 litres per minute (12 GPM) 2700 litres/hour, 64800 litres/day (720 gallons/hour, 17280 gallons/ day)
Initial UV Dose at Rated Flow:	54 mJ/cm ² (54,000 uwsec/cm ²) @ 95% T
Electrical:	100-130V / 50-60 Hz 220-240V/ 50-60 Hz
Size and Weight:	38 x 45 x 7.5 in., 95 lbs / 43 kg
Approx. Power Usage:	100 W
Maximum Operating Temp:	37°C (98.6°F)
Maximum Operating Pressure:	125 psi – 8.6 bar (tested to 500 psi)
Plumbing:	1" MNPT In/Out
Chamber Material:	304L Stainless Steel (316L available)
Filtration:	5 Micron Sediment Filter GAC Filter , 5 Micron Carbon Block Filter
Additional Features (Optional):	UV-Monitor, Solenoid Valve Electronic Deposit Control

This All-in-One Water Treatment System is sized for the needs of the larger household or small to medium sized commercial application to provide purified drinking and process water. Mounted on a stainless steel panel, it is easily installed at the point of entry for treatment of municipal water ("Plug-and-Play"). It will purify the water from most contaminants such as sediments, rust and pesticides with filtration down 5 micron. Carbon filtration reduces taste and odor, including sulphur smell and chlorine residuals. 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

The MD1004 System comes equipped with a UV Monitor to monitor the UV light intensity in real time. A solenoid valve shuts off the flow of water should the monitor detect inadequate UV power. Optionally, it can be equipped with a deposit control.

This residential water purification 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

