

SPECIFICATIONS

WYCKOMAR UV-5007 System



Rated Flow:	833 litres per minute (220 GPM) 49980 litres/hour, 1,200,000 litres/day (13,200 gallons/hour, 316,800 gallons/d.)
Initial UV Dose at Rated Flow:	40 mJ/cm ² (40,000 uwsec/cm ²) @ 95% T
Electrical:	100-130V / 50-60 Hz 220-240V/ 50-60 Hz
Number of Lamps:	7 (at 110 Watts each)
Size and Weight:	56 x 20 x 12.5 in., 130 lbs / 59 kg
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 (316L available)
Control Panel:	Integrated UV-Monitor
Additional Features (Optional):	Solenoid Valve, Electronic Deposit Control

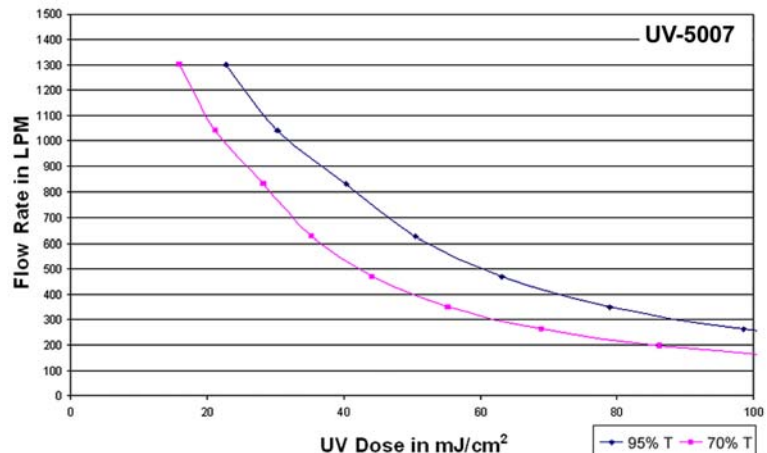
The UV-5007 System is a robust, efficient and cost-effective sterilizer unit for the disinfection of drinking and/or process water in industrial applications (e.g. food and beverage processing, cooling towers, swimming pools etc.) at up to 220 GPM (833 LPM).

This unit may be connected in series or in parallel for high-dose or high-volume applications, and complete systems including high-volume pre-filtration can easily be realized.

The UV-5007 kills most harmful pathogens such as viruses, bacteria and protozoa 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 UV-5007 System is equipped with a control panels that has an integrated UV Monitor to monitor the UV light intensity in real time. A solenoid valve can be driven by the monitor to shut off the flow of water should an inadequate UV power be detected.

This industrial 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

