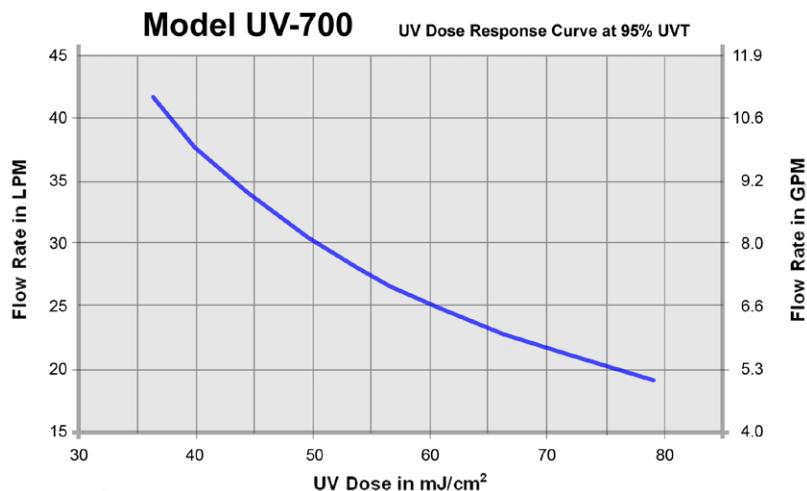


Flow Range:	37 - 92 litres per minute (9.8 - 24.3 GPM) 2,220 l (2.22 m ³) - 5,520 l (5.52 m ³) /hour / 53.3 - 132.5 m ³ /day 588 - 1,458 gallons/hour, 14,112 - 34,992 gallons/day
UV Dose Applied (95% UVT):	16 mJ/cm ² (16,000 μWsec/cm ²) @ 92 LPM / 24.3 GPM 30 mJ/cm ² (30,000 μWsec/cm ²) @ 50 LPM / 17.2 GPM 40 mJ/cm ² (40,000 μWsec/cm ²) @ 37 LPM / 9.8 GPM
Electrical:	110 Volt AC / 50 - 60 Hz (Part # P700/QD4E-1) 240 Volt AC / 50 - 60 Hz (Part # P700/QD4E-2)
Ballast	Electronic Ballast w/ Lamp Out Alarm, Power LED Count of Total Running Days on LCD Display (Resettable) Model RH51-425-40L (Wyckomar Part # 4-BE-425-ECO-R)
Ballast Enclosure Rating:	IP64
Lamp Current:	0.39 - 0.43 A / U-Out: 300 V / PF(λ): > 0.99% / THD: < 10%
Number of Lamps:	1 at 40 Watts, 425 mA (Part # RL-40/867T5) Low-Pressure UV
UV Monitor:	Optional (Part # 4-UV/MS-1/2 V3)
Min/Max. Operating Temperature:	T _{min.} = 3 °C (37 °F), T _{max.} = 40 °C (104 °F)
Max. Operating Pressure:	125 psi - 8.6 bar
Plumbing:	3/4" MNPT In/Out
Chamber Material:	304L Stainless Steel (316L SS optional)
Shipping Size and Weight:	1 box 45x7x7 inches, 12 lbs / 5.5 kg

Specifications subject to change

Dose Chart



Additional Features (Optional):

- Electronic Deposit Control System with PVC or Stainless Reaction Chamber
- Volt-Free Contacts on Ballast for Remote Signaling
- Purge Valve at Out Port for Overheat Protection
- Available in Explosion-Proof Configuration

Important Considerations

This UV sterilizer assumes certain water quality parameters to be met for proper operation. If the source water does not meet the following criteria, pretreatment has to be considered:

Turbidity (Suspended Solids): Must be < 1 NTU at the time of disinfection. There must be a 5 micron or less sediment prefiltration system installed before the UV system.

Total Hardness (Sum of Calcium and Magnesium): Must be < 10 gpg (grains per gallon)

Iron: Must be < 0.3 ppm (parts per million)

Manganese: Must be < 0.05 ppm

This UV unit is available as complete system with appropriate pre-filtration (Part # SYS700/QD4E-1/2) or as pre-assembled All-in-One System for 'plug-and-play' installation (Part # SYS700-POU and SYS-MD1003)