

| UVIREX SPECIFICATION     | UVIREX Model 25   | UVIREX Model 50  | UVIREX Model 115  | UVIREX Model 230  |
|--------------------------|---|--|---|---|
| Maximum Flow Capacity    | 16,000 gpd<br>11 gpm  | 32,500 gpd<br>22.5 gpm   | 100,000 gpd<br>69.5 gpm   | 200,000 gpd (up to 1mgd in modules)<br>139 gpm  |
| Modularity               |   |  |   | In parallel   |
| Total Wattage            | 25 Watts  | 50 Watts   | 115 Wattts  | 230 Watts   |
| Power Supply             | 120 Volts   | 120 Volts  | 120 Volts   | 120 Volts   |
| Circuit Protection       | Ground Fault Circuit Interrupter  | Ground Fault Circuit Interrupter   | Ground Fault Circuit Interrupter  | Ground Fault Circuit Interrupter  |
| Ballast                  | In Weatherproof Enclosure   | In Weatherproof Enclosure  | In Weatherproof Enclosure   | In Weatherproof Enclosure   |
| Alarm                    | Available. Clear UV shield top also allows for visual verification.   | Available. Clear UV shield top also allows for visual verification   | Available. Clear UV shield top also allows for visual verification  | Available. Clear UV shield top also allows for visual verification  |
| Lamp                     | 25 Watt, low pressure, 35cm arc   | Two (2) 25 Watt, low pressure, 70 cm total arc   | 115 Watt, low pressure, high output, 106 cm arc   | Two (2) 115 Watt, low pressure, high output, 212 cm arc   |
| UV Wavelength            | 253.7nm wavelength output: 6.9 watts  | 253.7nm wavelength output: 13.8 watts  | 253.7nm wavelength output: 34 watts   | 253.7nm wavelength output: 68 watts   |
| Output Depreciation      | @ 8,000 hrs 20%   | @ 8,000 hrs 20%  | @ 5,000 hrs 15%   | @5,000 hrs 15%  |
| Lamp Enclosure           | 50mm O.D. quartz tube   | 50 mm O.D. quartz tube   | 50 mm O.D. quartz tube  | 50 mm O.D. quartz tube  |
| Reactor                  | 6" reflective, agitating reactor tube   | 6" reflective, agitating reactor tube  | 6" reflective, agitating reactor tube   | 6" reflective, agitating reactor tube   |
| Reactor volume           | 1.5 gal.  | 3 gal.   | 4.56 gal  | 9.13 gal.   |
| UV Exposure              | 4 seconds at max flow rate  | 4 seconds at max flow rate   | 3.94 seconds at max flow rate   | 3.94 seconds at max flow rate   |
| UV Dosage @ Maximum Flow | 80,000 uW sec./cm <sup>2</sup> , (80 joules)  | 80,000 uW sec./cm <sup>2</sup> , (80 joules)   | 80,000 uW sec./cm <sup>2</sup> , (80 joules)  | 80,000 uW sec./cm <sup>2</sup> , (80 joules)  |
| Dimensions               | 22" x 6.5" x 36"  | 22" x 6.5" x 36"   | 22" x 6.5" x 72"  | 22" x 6.5" x 72"  |
| Inlet / Outlet           |   |  |   |   |
| Warrants                 | 1 year parts. Meet EPA Fecal coliforms & E. coli limits when properly maintained, flows <0.016 MGD and tertiary UV transmittance of 69% - 75% | 1 year parts. Meet EPA Fecal coliforms & E. coli limits when properly maintained, flows <0.0325 MGD and tertiary UV transmittance of 69% - 75% | 1 year parts. Meet EPA Fecal coliforms & E. coli limits when properly maintained, flows <0.1 MGD and tertiary UV transmittance of 69% - 75% | 1 year parts. Meet EPA Fecal coliforms & E. coli limits when properly maintained, flows <0.2 MGD and tertiary UV transmittance of 69% - 75% |