

ULTRAVIOLET DISINFECTION SYSTEMS



MODEL NUMBER	UV_OPT 1-D	UV_OPT 2-D	UV_OPT 3-D	UV_OPT 4-D	UV_OPT 5-D	UV_OPT 6-D
TYPE	Rain / Tank Water	Tank and Bore / Well Water	Water with Taste Issues	Surface Drawn Water (Creek, Spring or River)	Dairy Sheds and Other Hi Flow Situations	Surface Drawn Water (Creek, Spring or River) where Colour is an Issue
SPECIFICATION						
FILTER HOUSING	1 x 10BWH	2 x 10BWH	3 x 10BWH	2 x 20BWH	2 x 20BWH	3 x 20BWH
FLOW RATE LPM	111LPM @ 16mj/cm ² 58LPM @ 30mj/cm ² 43LPM @ 40mj/cm ²	111LPM @ 16mj/cm ² 58LPM @ 30mj/cm ² 43LPM @ 40mj/cm ²	111LPM @ 16mj/cm ² 58LPM @ 30mj/cm ² 43LPM @ 40mj/cm ²	111LPM @ 16mj/cm ² 58LPM @ 30mj/cm ² 43LPM @ 40mj/cm ²	174LPM @ 16mj/cm ² 92LPM @ 30mj/cm ² 68LPM @ 40mj/cm ²	174LPM @ 16mj/cm ² 92LPM @ 30mj/cm ² 68LPM @ 40mj/cm ²
DIMENSIONS (W X D X H)	0.90m x 0.22m x 0.50m	0.90m x 0.22m x 0.50m	1.05m x 0.22m x 0.50m	0.90m x 0.22m x 0.78m	1.10m x 0.22m x 0.78m	1.10m x 0.22m x 0.78m
I/O PORT SIZE	1" inch (25mm)	1" inch (25mm)	1" inch (25mm)	1" inch (25mm)	1" inch (25mm)	1" inch (25mm)
SYSTEM MAXIMUM OPERATING PRESSURE	100 PSI (690 KPA)	100 PSI (690 KPA)	100 PSI (690 KPA)	100 PSI (690 KPA)	90 PSI (620 KPA)	90 PSI (620 KPA)
VOLTAGE	230v / 240v 50Hz	230v / 240v 50Hz	230v / 240v 50Hz	230v / 240v 50Hz	230v / 240v 50Hz	230v / 240v 50Hz
BALLAST	GW_BA40S	GW_BA40S	GW_BA40S	GW_BA40S	GW_BA40S	GW_BA40S
LAMP	GW_GUVL-10S	GW_GUVL-10S	GW_GUVL-10S	GW_GUVL-10S	GW_GUVL-15S	GW_GUVL-15S
1st FILTER	10BDGD	10BPF20	10BPF20	20BPF20	20BPF20	20BPF20
2nd FILTER		10BPX01	10BRFGAC	20BPX01	20BPX01	20BRFGAC
3rd FILTER			10BPX01			20BPX01
CHAMBER SIZE	GW_GAUV-10S	GW_GAUV-10S	GW_GAUV-10S	GW_GAUV-10S	GW_GAUV-15S	GW_GAUV-15S
CHAMBER MATERIAL	304ss	304ss	304ss	304ss	304ss	304ss
WATER TEMPERATURE RANGE	(4.4 - 37.8°C)	(4.4 - 37.8°C)	(4.4 - 37.8°C)	(4.4 - 37.8°C)	(4.4 - 37.8°C)	(4.4 - 37.8°C)
SURGE PROTECTOR	Yes	Yes	Yes	Yes	Yes	Yes

These units achieve NSF/ANSI class B if the optional flow restrictor is installed which reduces the flow rates from those shown above to increase the UV dosage.