

ULTRAVIOLET DISINFECTION (UV)

Protection against water-borne pathogens & disease



'S' SERIES - single pass

UV DISINFECTION SYSTEMS FOR DRINKING WATER, NURSERIES, PROCESS & WASTE WATER

Benefits of UV

No micro-organism is known to be immune to UV • Non-chemical disinfection • Economical and efficient operation • No harmful by-products – environmentally friendly • No risk of overdosing • Proven performance • Easy maintenance • Suitable for drinking, waste and process waters

CONTROL BOX OPTIONS

40048 & 40088



50044 & 50081



50162 & 50172



40048 & 40088: LAMP FAIL ALARM & INDICATOR, COUNT-DOWN TIMER, LAMP CHANGE ALERT, NOT WEATHERPROOF

50044 & 50081: LAMP FAIL ALARM, HOUR-USE METER, WEATHERPROOF BOX

50162 & 50172: LAMP FAIL ALARM, HOUR-USE METER, WEATHERPROOF BOX

TABLE: For high UVT applications (potable and process water)



MODEL	CONTROL BOX OPTIONS	FLOW RATE* LITRES/HR	IN/OUT BSP	LAMP POWER (W)	DIMENSIONS L x H x W (mm)
WTUVGS20SPA	40048	1,200	1/2"	20	325 x 65 x 120
WTUVGS30SPA WTUVGS30WPA	40048 50044	2,500	3/4"	30	590 x 65 x 130
WTUVGS40-62-SPA WTUVGS40-62-WPA	40048 50044	3,300	1"	40	970 x 126 x 190
WTUVGS40-76-SPA WTUVGS40-76-WPA	40048 50044	4,500	1 1/2"	40	970 x 136 x 195
WTUVGS75SPA WTUVGS75WPA	40088 50081	8,300	1 1/2"	75	970 x 136 x 195
WTUVGS80SPA WTUVGS80WPA	40088 50081	8,500	2"	80	970 x 136 x 195
WTUVGS125WPA	50162	13,100	2"	127	970 x 136 x 195
WTUVGS172WPA	50172	16,400	2"	172	970 x 136 x 195
WTUVGS160WPA	50172	17,100	2"	185	1285 x 136 x 190
WTUVGS160-100WPA	50172	27,800	3" FL	185	1285 x 136 x 215
WTUVGS245WPA	50172	23,000	2"	240	1285 x 136 x 190
WTUVGS245-100WPA	50172	36,000	3" FL	240	1285 X 136 X 265
WTUVGS440WPA	50172	56,000	3" FL	450	1540 X 240 X 330

* Peak flow depends on optical transmission and performance requirements. Contact your dealer for correct sizing. For Table 1, peak flow based on 250 J/m² (PSS) with UVT of 98% at 254nm. Dimensions are approximate and subject to change without notice.

Standard Features: 316 grade stainless steel electro-polished reactor • BSP threaded connections • mounting brackets • lamp fail alarm • high intensity, low pressure UV lamps • lamps parallel to water flow • quartz lamp sleeve **Options:** lamp life run counter • lamp change alert • digital control box • waterproof PVC control box • UV intensity monitor



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