

Water Technologies

Wallace & Tiernan® UV Disinfection Systems

Sunburst™ Series Systems

SIEMENS

Product Overview

Siemens Water Technologies' premiere line of residential and commercial disinfection systems, the Sunburst™ Series of UV Systems, is manufactured in a number of configurations.

The Sunburst™ SB System is designed to treat 1 to 50 USGPM (3.8 to 189 LPM) flow rates.

The Sunburst™ SBH System incorporates a cover over the vessel and electrical components.

The Sunburst™ SB-DOH System meets the requirements of many of the nation's health agencies. These systems come standard with several built in safety features including: UV monitoring, flow control, automatic shut-off valve, two-minute warm-up delay, quartz cleaning, remote audible and visual alarms and spare parts. These systems provide high UV doses exceeding 40,000 microwatts at end of lamp life.

The Sunburst™ SBW System has been designed to treat 7 to 50 USGPM (27 to 189 LPM) flow rates and comes with a manual quartz wiping system.

All systems come with biological test results called bioassays. Tested systems are available from 1 to 60 USGPM (3.8 to 227.1 LPM).

Applications

- Private wells
- Camps / Cottages
- Aquaculture
- Marine

Standard Features

- Heavy duty construction
- Electro-polished 304 SS pressure Vessel
- 100 PSI operating pressure
- Visual lamp out alarms
- Audible lamp out alarms (SB-7 through SB-20)
- Flow controls (SB-7 through SB-20)
- Horizontal or vertical mounting

Optional Features

- Manual quartz cleaning system
- Shut-off valves
- UV monitor
- Remote audible / visual alarms
- 230 volt single phase
- Larger systems for flows > 50 USGPM (189 LPM)

Key Benefits:

- Proven chemical free disinfection
- Effective on a wide range of pathogens including Cryptosporidium and Giardia
- Economical to operate and maintain
- Easy to service

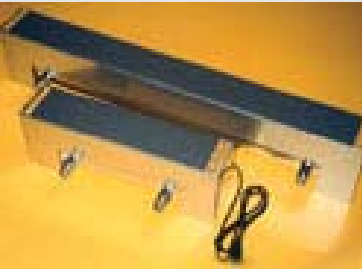


SB-DOH-Series



Unit	USGPM	LPM	Dimension L x W x H	Inlet Size	Power 120/60	Lamps	Weight
SB-7-DOH	7	27	37 x 9 x 6 940 x 229 x 152	3/4" 19 mm	.6 amps	1	26 lb 12 kg
SB-10-DOH	10	38	37 x 9 x 6 940 x 229 x 152	3/4" 19 mm	.7 amps	1	26 lb 12 kg
SB-15-DOH	15	57	43 x 16 x 14 1092 x 406 x 356	3/4" 19 mm	.75 amps	1	40 lb 18kg
SB-20-DOH	20	76	43 x 16 x 14 1092 x 406 x 356	1" 25 mm	1 amp	1	40lb 18 lg
SB-30-DOH	30	114	43 x 16 x 14 1092 x 406 x 356	1.5" 38 mm	1.5 amps	2	45 lb 20 kg
SB-40-DOH	40	152	43 x 16 x 14 1092 x 406 x 356	1.5" / 2" 38 / 51 mm	2 amps	2	45 lb 20 kg
SB-50-DOH	50	189	43 x 16 x 14 1092 x 406 x 356	2" 51 mm	3 amps	2	45 lb 20 kg

SBH-Series



Unit	USGPM	LPM	Dimension L x W x H	Inlet Size	Power 120/60	Lamps	Weight
SBH-7	7	27	22 x 9 x 9 559 x 229 x 229	3/4" 19 mm	.6 amps	1	12 lb 5 kg
SBH-10	10	38	22 x 9 x 9 559 x 229 x 229	3/4" 19 mm	.7 amps	1	16 lb 7 kg
SBH-15	15	57	39 x 9 x 9 991 x 229 x 229	3/4" 19 mm	.75 amps	1	25 lb 11 kg
SBH-20	20	76	39 x 9 x 9 991 x 229 x 229	1" 25 mm	1 amp	1	25 lb 11 kg

SB & SBW Series



Unit	USGPM	LPM	Dimension L x W x H	Inlet Size	Power 120/60	Lamps	Weight (lbs.)
SB-1	1	4	20 x 6 x 6 508 x 152 x 152	3/4" 19 mm	.5 amps	1	2 lb 1 kg
SB-7	7	27	22 x 9 x 9 559 x 229 x 229	3/4" 19 mm	.6 amps	1	8 lb 4 kg
SB-10	10	38	22 x 9 x 9 559 x 229 x 229	3/4" 19 mm	.7 amps	1	10 lb 5 kg
SB-15	15	57	39 x 9 x 9 991 x 229 x 229	3/4" 19 mm	.75 amps	1	20 lb 9 kg
SB-20	20	76	39 x 9 x 9 991 x 229 x 229	1" 25 mm	1 amps	1	20 lb 9 kg
SB-30	30	114	47 x 16 x 14 1194 x 406 x 356	1-1/2" 38 mm	1.5 amps	2	35 lb 16 kg
SB-40	40	152	47 x 16 x 14 1194 x 406 x 356	1-1/2" 38 mm	2.0 amps	1	37 lb 16.8 kg
SB-50	50	189	47 x 16 x 14 1194 x 406 x 356	2" 51 mm	3 amps	2	40 lb 18 kg

Note: SB-7 through SB-50 available with the manual quartz wiper.

*Capacity at a UV Dose of 40mJ/cm², at end of lamp life, and UV Transmittance of 98% (254 nm; 1-cm cell)



JTD-Series

Offered in a 7 USGPM (27 LPM) flow rate. This system is an economic solution for disinfecting drinking water.



SLD-Series

Offered in a 8 USGPM (30 LPM) and 12 USGPM (45 LPM) flow rates. These systems are ideal for following softeners and other purification units.

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The information provided in this brochure contains merely general descriptions or characteristics of performance which in case of actual use do not always apply as described or which may change as a result of further development of the products. An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of contract.

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