

SUNBURST SERIES

Ultraviolet Water Disinfection Systems

Sunlight Systems' premiere line of residential and commercial disinfection systems, the Sunburst Series, is manufactured in the United States in a number of configurations.

The SUNBURST "SB Series" has been designed to treat 1, 7, 10, 15, 20, 30 and 50 gallon per minute (gpm) flow rates.

The SUNBURST "SBH Series" incorporates a stainless steel enclosure and treats 7, 10, 15 and 20 gpm flow rates.

The SUNBURST "SB-DOH Series" meets the requirements of many of the nation's health agencies. These systems come standard with several built in safety features including:

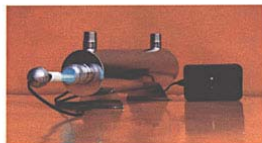
UV monitoring, flow control, automatic shut-off valve, two-minute warm-up delay, quartz cleaning, remote audible and visual alarms and spare parts. These systems provide high UV doses exceeding 40,000 microwatts at end of lamp life.

All systems come with biological test results results called bioassays. Tested systems are available from 1 to 600 gpm.

WHEN TO USE UV DISINFECTION

Ultraviolet (UV) should be used if disease-carrying microorganisms, pathogens, can enter your water supply.

UV is most effective when the water has been pre-treated with another filtration system. This is because pre-filters remove large particles, water cysts, odors and tastes. These impurities can interfere with the transmission of UV energy.



HOW UV DISINFECTION WORKS

Water enters the electro-polished stainless steel chamber and is exposed to high doses of Ultraviolet (UV) light. The UV light comes from a lamp that is enclosed in a quartz sleeve. The lamp used for germicidal water disinfection produces radiation at 254 nanometers and has a life of 10,000 hours.

Light in this range targets the bacterial and viral DNA of water contaminants. Exposure prevents the microorganisms from being able to reproduce and cells that can not reproduce are considered dead.

UV disinfects without adding or creating chemicals. It does not change the taste or odor of the water nor does it remove beneficial minerals. Water is ready to drink after disinfection.

BENEFITS OF UV DISINFECTION

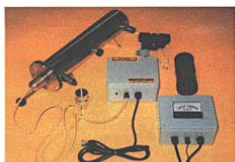
- Environmentally safe – no chemicals
- Effective on a wide range of pathogens
- Low operating costs

EPA Registration #73251



SUNLIGHT SYSTEMS

SYSTEMS OVERVIEW



SB-DOH-SERIES

UNIT	GPM	DIMENSIONS L x W x H	INLET SIZE	POWER 120/60	LAMPS	WEIGHT LBS
DOH-7	7	37 x 9 x 6	3/4"	.6 amps	1	26
DOH-10	10	37 x 9 x 6	3/4"	.7 amps	1	26
DOH-15	15	43 x 16 x 14	3/4"	.75 amps	1	40
DOH-20	20	43 x 16 x 14	1"	1 amp	1	40
DOH-30	30	43 x 16 x 14	1.5"	1.5 amps	2	45
DOH-50	50	43 x 16 x 14	2"	3 amps	2	45
DOH-8M	100	52 x 24 x 24	2"	4.5 amps	8	200
DOH-6L	125	72 x 16 x 30	3"	5 amps	6	250
DOH-16L	500	72 x 24 x 24	4"	12 amps	16	350



SBH-SERIES

UNIT	GPM	DIMENSIONS L x W x H	INLET SIZE	POWER 120/60	LAMPS	WEIGHT LBS
SBH-7	7	22 x 9 x 9	3/4"	.6 amps	1	12
SBH-10	10	22 x 9 x 9	3/4"	.7 amps	1	16
SBH-15	15	39 x 9 x 9	3/4"	.75 amps	1	25
SBH-20	20	39 x 9 x 9	1"	1 amp	1	25



SB-SERIES

UNIT	GPM	DIMENSIONS L x W x H	INLET SIZE	POWER 120/60	LAMPS	WEIGHT LBS
SB-1	1	20 x 6 x 6	3/4"	.5 amps	1	2
SB-7	7	22 x 9 x 9	3/4"	.6 amps	1	8
SB-10	10	22 x 9 x 9	3/4"	.7 amps	1	10
SB-15	15	39 x 9 x 9	3/4"	.75 amps	1	20
SB-20	20	39 x 9 x 9	1"	1 amp	1	20
SB-30	30	43 x 16 x 14	1-1/2"	1.5 amps	2	35
SB-50	50	43 x 16 x 14	2	3 amps	2	40

SUNBURST OPTIONS

Manual quartz cleaning system
Shut-off valves
UV monitor
Remote audible/visual alarms
220 volt
Larger systems for flows >50 gpm



JTD-SERIES

Offered in a
7 gpm flow rate.
This system
is an economic
solution for
disinfecting
drinking water.



SLD-SERIES

Offered in 8 and 12 gpm
flow rates. These systems are
ideal for following softeners
and other purification units.

For additional information

Website: www.sunlightsystems.com

email: info@sunlightsystems.com (201) 968-1222 Fax (201) 968-9701