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UV WATER STERILIZER

DESTROYS UP TO 99.99%
OF VIRUSES AND BACTERIA



APPLICATION

Short-wave radiation with a peak at 253.7nm (UVC) for disinfection purposes, UVC germicidal light deactivate bacteria, viruses and fungal spores up to 99.99% sterilization rate.

UV technology is primarily used in areas where there is a risk of microbiological contamination.

Agua Topone UV systems widely used for water disinfection of

- Residential Mains Water
- Swimming Pool
- Spa
- Hotel
- Hospital
- School
- Laboratory
- Commerical Water Vending
- Municipal Water Treatment
- Fish Pond





FEATURES

EFFECTIVE

99.99% destruction of bacteria (such as Ecoli), viruses and protozoan cysts.

SAFE

No chemicals added to water and no danger of overdosing.

EASY

Simple installation. Audible and visual alarm if lamp fails.

ECONOMICAL

Low maintenance cost and easy servicing.

Model	Flow rate		Reactor dimension	In/outlet port	Package size cm	UV Lamp code	Lamp power	Quartz tube code	Ballast code
	m3/hr	GPM							
SDS-110	5.4	24	950 × 108 mm	1" male	102.5 × 22.4 × 42cm/1set	UVT5-455	55w × 2	QT5-940	EB-G55
SDS-165	8.1	36	950 × 133 mm	1.5" male	102.5 × 24.8 × 45cm/1set	UVT5-455	55w × 3	QT5-940	EB-G55
SDS-220	10.9	48	950 × 133 mm	1.5" male	102.5 × 24.8 × 45cm/1set	UVT5-455	55w × 4	QT5-940	EB-G55

●Chamber material: 304 SS (316L SS available on request) ● 4 pins or 2+2 pins Philips uv lamp as options ●Thread or "ange as options

ELECTRICAL	
	Voltage 110V or 220V 50/60Hz
	Alarm Audible and visual
	Indicator Lamp operation and failure
	Total running days Available on request

REQUIREMENT

- Maximum operating pressure: 8bar (116psi)
- Ambient water temperature: 2-40 0 C (36-1040F)
- Iron < 0.3ppm (0.3mg/L)
- Hardness < 7gpg (120mg/L)
- Turbidity < 1NTU
- UV transmittance > 75%



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	m3/hr	GPM							
SDE-004	0.07	0.3	195 × 50.8mm	1/4" female	47 × 39 × 58.5/15sets	UV T5-404	4w	QT5-185	EB-G6
SDE-006	0.1	0.5	255 × 50.8mm	1/4" female	47 × 39 × 58.5/15sets	UV T5-406	6w	QT5-245	EB-G6
SDE-012	0.2	1	310 × 50.8mm	1/4" female	52.5 × 39 × 58.5/15sets	UV T5-412	12w	QT5-300	EB-G16
SDE-016	0.4	2	370 × 63.5mm	1/2" male	57 × 40 × 58.5/15sets	UV T5-416	16w	QT5-360	EB-G16
SDE-025	1.4	6	590 × 63.5mm	1/2" male	79.5 × 28 × 47.5/8sets	UV T5-425	25w	QT5-580	EB-G28
SDE-030	1.8	8	910 × 63.5mm	3/4" male	119 × 28 × 47.5/8sets	UV T5-430	30w	QT5-900	EB-G35
SDE-035	2.0	9	950 × 63.5mm	3/4" male	119 × 28 × 47.5/8sets	UV T5-435	35w	QT5-940	EB-G35
SDE-040	2.3	10	885 × 63.5mm	3/4" male	112.5 × 28 × 47.5/8sets	UV T5-440	40w	QT5-875	EB-G55
SDE-055	2.7	12	950 × 63.5mm	3/4" male	119 × 28 × 47.5/8sets	UV T5-455	55w	QT5-940	EB-G55

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ELECTRICAL

- Voltage**
110V or 220V 50/60Hz
- Alarm**
Audible and visual
- Indicator**
Lamp operation and failure
- Time relay**
- UV intensity monitor**
Optional

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EASY
Simple installation. Audible and visual alarm if lamp fails.

ECONOMICAL
Low maintenance cost and easy servicing.

REQUIREMENT

- Maximum operating pressure: 8bar (116psi)
- Ambient water temperature: 2-40 °C (36-104°F)
- Iron < 0.3ppm (0.3mg/L)
- Hardness < 7gpg (120mg/L)
- Turbidity < 1NTU
- UV transmittance > 75%

Model	Flow rate		Reactor dimension	In/outlet port	UV Lamp code	Lamp power	Quartz tube code	Ballast code
	m3/hr	GPM						
SB11-H02	14	61	1212 × 133mm	DN65(2.5")	GHO1148T5L/4P	120w × 2	QT5-1183	RH8-1000-155
SB11-H03	31	136	1212 × 168mm	DN80(3")	GHO1148T5L/4P	120w × 3	QT5-1183	RH8-1000-155
SB11-H04	50	220	1212 × 168mm	DN100(4")	GHO1148T5L/4P	120w × 4	QT5-1183	RH8-1000-155
SB11-H05	68	299	1212 × 219mm	DN100(4")	GHO1148T5L/4P	120w × 5	QT5-1183	RH8-1000-155
SB11-H06	80	352	1212 × 219mm	DN125(5")	GHO1148T5L/4P	120w × 6	QT5-1183	RH8-1000-155
SB11-H07	96	422	1212 × 219mm	DN125(5")	GHO1148T5L/4P	120w × 7	QT5-1183	RH8-1000-155
SB11-A4	108	475	1618 × 219mm	DN150(6")	GPHA1554T6L	240w × 4	QT6-1589	RH8-AL-320
SB11-A5	134	589	1618 × 219mm	DN150(6")	GPHA1554T6L	240w × 5	QT6-1589	RH8-AL-320
SB11-A6	178	783	1618 × 219mm	DN150(6")	GPHA1554T6L	240w × 6	QT6-1589	RH8-AL-320
SB11-A7	208	915	1618 × 274mm	DN200(8")	GPHA1554T6L	240w × 7	QT6-1589	RH8-AL-320
SB11-A8	263	1157	1618 × 274mm	DN200(8")	GPHA1554T6L	240w × 8	QT6-1589	RH8-AL-320
SB11-A9	300	1320	1618 × 325mm	DN250(10")	GPHA1554T6L	240w × 9	QT6-1589	RH8-AL-320
SB11-HA7	329	1447	1618 × 325mm	DN250(10")	GPHHA1554T6L	320w × 7	QT6-1589	RH9-2100-320
SB11-HA8	360	1584	1618 × 377mm	DN250(10")	GPHHA1554T6L	320w × 8	QT6-1589	RH9-2100-320
SB11-HA9	400	1760	1618 × 377mm	DN300(12")	GPHHA1554T6L	320w × 9	QT6-1589	RH9-2100-320
SB11-HA10	450	1980	1618 × 425mm	DN300(12")	GPHHA1554T6L	320w × 10	QT6-1589	RH9-2100-320

● Chamber material: 304 SS (316L SS available on request) ● 4 pins uv lamp



ELECTRICAL

- Voltage**
110V or 220V 50/60Hz
- Alarm**
Audible and visual
- Indicator**
Lamp operation and failure
- Time relay**
- UV intensity monitor**
Optional

FEATURES

○ Male thread is standard, Flange is optional.
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SDB-165	8.1	36	950 × 133 mm	1.5" male	102.5 × 24.8 × 45cm/1set	UV T5-455	55w × 3	QT5-940	EB-G4055
SDB-220	10.9	48	950 × 133 mm	1.5" male	102.5 × 24.8 × 45cm/1set	UV T5-455	55w × 4	QT5-940	EB-G4055
SDB-330	16.3	72	950 × 168 mm	2" male	107.0 × 35.0 × 60cm/1set	UV T5-455	55w × 6	QT5-940	EB-G4055
SDB-440	21.8	96	950 × 219 mm	3" male	107.0 × 40.0 × 70cm/1set	UV T5-455	55w × 8	QT5-940	EB-G4055
SDB-550	27.2	120	950 × 275 mm	4" male	109.0 × 48.0 × 80cm/1set	UV T5-455	55w × 10	QT5-940	EB-G4055
SDB-660	32.7	144	950 × 275 mm	4" male	109.0 × 48.0 × 80cm/1set	UV T5-455	55w × 12	QT5-940	EB-G4055

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5 STAGE FILTRATION - Get the safe, healthy and premium drinking water for all of your cooking, drinking, better tasting foods, healthier baby formula, face wash or skin protection needs with water filter filter system. Better than most bottled water, it gives you the perfect filtration for healthy daily hydration!

EASY INSTALLATION – Our 5-stage water filter filter system comes fully assembled - no additional assembly or professional help is required. All you need to do is simply push tubing into quick-fitting connectors and enjoy purest drinking water in no time. That’s right, you can start using the reverse osmosis water purifier in minutes after you get it.

SIMPLE MAINTENANCE – UV water filter system is specifically designed for easy maintenance and long life. That’s why with the separate, independent and colored filters, filter replacement is quick and easy without having to disassemble complete unit.

PRODUCT APPLICATION



UNDERSINK



DRINKING WATER MACHINE



WALL-MOUNTED



FEATURES

Large filtration water flow

High out-put uv lamp

Bring pure, safe and clean water

- Safe
- Efficient
- Simple
- Economical

1st STAGE FILTRATION

PP cartridge

To remove sand, silt, dirt and rust particles in water.

2nd STAGE FILTRATION

GAC cartridge:

To adsorb the chlorine, organic matter, odour, smell turbidity

3rd STAGE FILTRATION

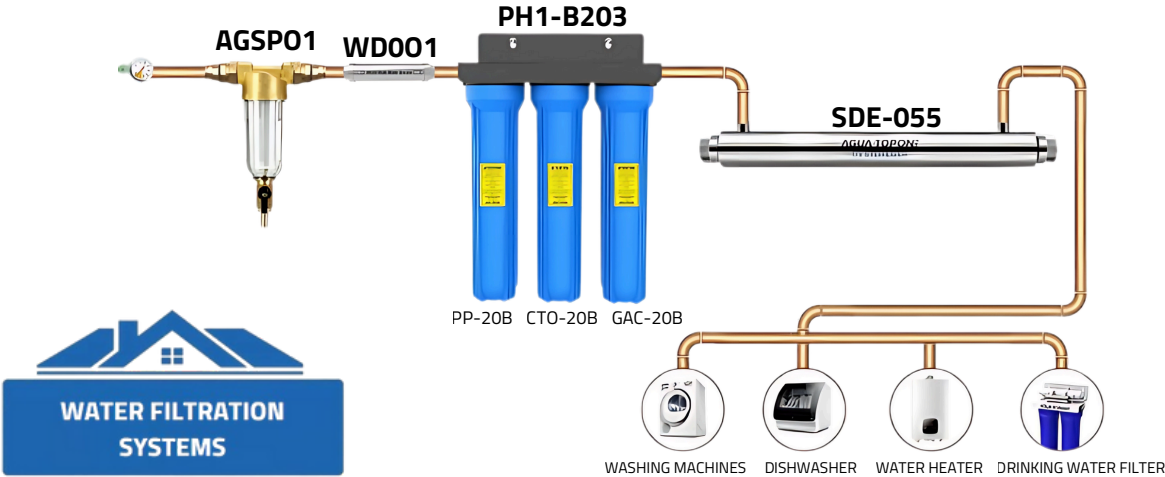
CTO cartridge

To adsorb the chlorine, organic matter, odour, smell turbidity, and suspending particles.

UV STERILIZER

Efficient uv rays to kill 99.99% bacterias, virus

	SPS - 103	SPS - 203	SPS - 104	SPS - 204
PICTURE				
FLOW RATE	8GPM	12GPM	8GPM	12GPM
CARTRIDGE	10" 5miron PP+5miron CTO	20" 5miron PP+5miron CTO	10" 20miron PP+GAC+5miron CTO	20" 20miron PP+GAC+5miron CTO
LAMP POWER	33W	48W	33W	48W
PP sediment should be replacement every 3-4 months, CTO should be replaced every 6 months.				





2+2 PINS UV LAMP

- Philips brand
- High output
- Effective disinfection over lifetime of lamp
- 9000 hours working life



4 PINS UV LAMP

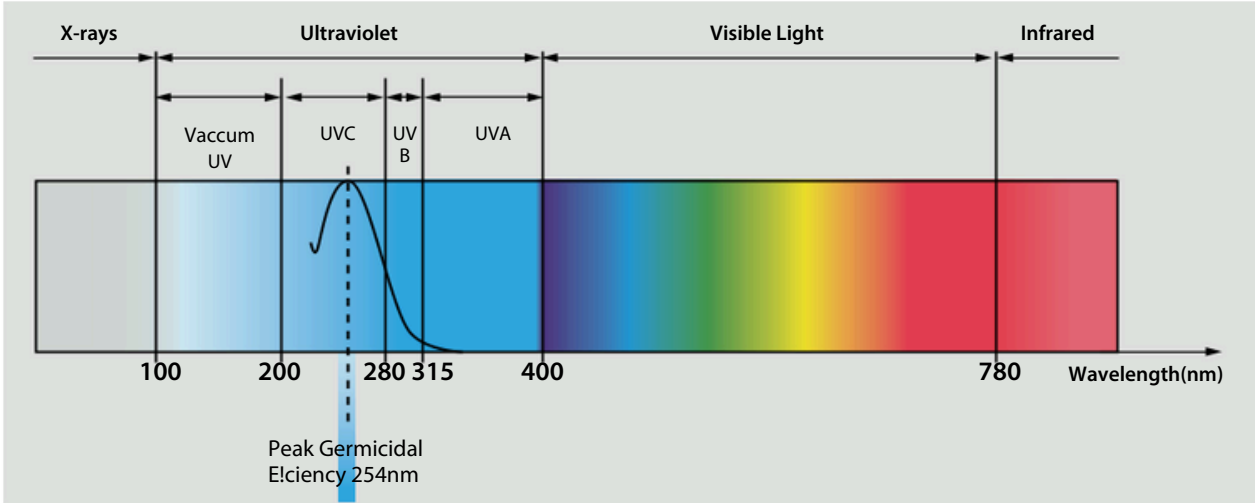
- Constant stable output
- 99.9% sterilization
- Agua Topone uv lamp, 8000 hours working life



QUARTZ TUBE

- Single end open
- High transmittance

The Spectrum of Light



BRACKET

- Plastic material
- Economical maintenance
- Flexible assembly



BRACKET

- 304 SS or 316L SS material
- Rust resistance
- Solid installation



BRACKET

- Aluminum material
- Elegant appearance
- High precision processing



ELECTRONIC BALLAST

- 100-240VAC 50/60Hz
- 365 days time countdown
- Pre-heat start
- Output and lamp failure protection
- Audible and visual alarm
- Thermal conductive adhesive inside
- Volt free connect available on request



ELECTRONIC BALLAST

- 100-120 OR 220-240VAC 50/60Hz
- Pre-heat start
- Output and lamp failure protection
- Audible and visual alarm
- CE-LVD, CE-EMC certificated by SGS



LENGTHENED NUT

- Aluminum or stainless steel material
- Connect with water-proof lamp holder



CLOSED NUT

- Aluminum or stainless steel material
- Surface knurling, electrolysis polishing



HEX NUT

- Aluminum material
- Plated by chrome, easy tightening



OPEN NUT

- Aluminum or stainless steel material
- Surface knurling, oxidation treatment



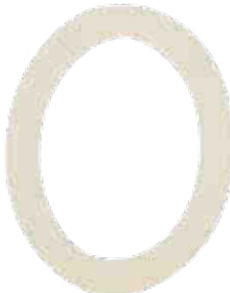
HIGH TEMPERATURE WIRE

- Telfon material
- Resistance to high temperature
- Antiflaming coating



SPRING

- 304 SS or 316L SS material
- Buffering function, keep uv lamp and quartz tube intacted



O-RING

- Silicone material, safe food-grade



O-RING

- FKM material, FDA approved