

**UV WATER
STERILIZER SYSTEMS**

**AGUA
TOPONE**

www.polextech.com





ABOUT US

Specializing in ultraviolet disinfection solutions, PorexTech Agua Topone designs, engineers all their products on the brand "Agua Topone". With product solutions for whole home, light commercial, commercial/industrial and municipal, We are one of the well recognized and respected brand of uv water disinfection manufacturer in China. Agua Topone provides a "one-stop" solution for all your disinfection needs.

Our goal is to provide you, our valued customers, with the great service, support, product and warranty that this industry has ever seen. Agua Topone UV water disinfection has been exported to more than 60 countries and the installation numbers will continue to grow.





-  **Voltage**
110V/220V 50/60Hz
-  **Alarm**
Audible and visual
-  **Indicator**
Lamp operation and failure
-  **Optional digital display ballast**

FEATURES

- High quality UV ballast meets international certification such as CE, UL standard
- Reliable High-performance UV lamp, rigorously tested to provide consistent output over the entire lamp life
- Controller will go into alarm if the lamp fails
- UV chamber with great welding process which enables to pass 1.04MPa 100,000 times water hammer test
- Perfect for a wide range of single-faucet, point-of-use or low flow point-of-entry water treatment solutions in homes, cottages, or OEM applications.





WATER QUALITY REQUIREMENT

- Maximum operating pressure 0.8MPa(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%
- UV dose $\geq 30\text{mJ}/\text{cm}^2$

Model	Flow rate		Reactor dimension	In/outlet port	Package size cm	UV Lamp code	Lamp power	Quartz tube code	Ballast code
	m ³ /hr	GPM							
SSE-004	0.07	0.3	200 X 50.8mm	1/4"female	47 X 39 X 51 /15sets	UVT5-404	4w	QT5-185	EB-G6
SSE-006	0.1	0.5	260 X 50.8mm	1/4"female	47 X 39 X 51 /15sets	UVT5-406	6w	QT5-245	EB-G6
SSE-012	0.2	1	315 X 50.8mm	1/4"female	52.5 X 39 X 52 /15sets	UVT5-412	12w	QT5-300	EB-G16
SSE-016	0.4	2	375 X 63.5mm	1/2"male	57 X 40 X 52 /15sets	UVT5-416	16w	QT5-360	EB-G16
SSE-025	1.4	6	595 X 63.5mm	1/2"male	79.5 X 28 X 41.5 /8sets	UVT5-425	25w	QT5-580	EB-G28
SSE-030	1.8	8	915 X 63.5mm	3/4"male	119 X 28 X 41.5 /8sets	UVT5-430	30w	QT5-900	EB-G35
SSE-035	2.0	9	955 X 63.5mm	3/4"male	119 X 28 X 41.5 /8sets	UVT5-435	35w	QT5-940	EB-G35
SSE-040	2.3	10	890 X 63.5mm	3/4"male	112.5 X 28 X 41.5 /8sets	UVT5-440	40w	QT5-875	EB-G55
SSE-055	2.7	12	955 X 63.5mm	3/4"male	119 X 28 X 41.5 /8sets	UVT5-455	55w	QT5-940	EB-G55

* Chamber material: 304 SS (316L is optional); Philips uv lamp is optional



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Model	Flow rate		Reactor dimension	In/outlet port	Package size cm	UV Lamp code	Lamp power	Quartz tube code	Ballast code
	m ³ /hr	GPM							
SDE-004	0.07	0.3	195 X 50.8mm	1/4"female	47 X 39 X 51 /15sets	UVT5-404	4w	QT5-185	EB-G6
SDE-006	0.1	0.5	255 X 50.8mm	1/4"female	47 X 39 X 51 /15sets	UVT5-406	6w	QT5-245	EB-G6
SDE-012	0.2	1	310 X 50.8mm	1/4"female	52.5 X 39 X 52 /15sets	UVT5-412	12w	QT5-300	EB-G16
SDE-016	0.4	2	370 X 63.5mm	1/2"male	57 X 40 X 52 /15sets	UVT5-416	16w	QT5-360	EB-G16
SDE-025	1.4	6	590 X 63.5mm	1/2"male	79.5 X 28 X 41.5 /8sets	UVT5-425	25w	QT5-580	EB-G28
SDE-030	1.8	8	910 X 63.5mm	3/4"male	119 X 28 X 41.5 /8sets	UVT5-430	30w	QT5-900	EB-G35
SDE-035	2.0	9	950 X 63.5mm	3/4"male	119 X 28 X 41.5 /8sets	UVT5-435	35w	QT5-940	EB-G35
SDE-040	2.3	10	885 X 63.5mm	3/4"male	112.5 X 28 X 41.5 /8sets	UVT5-440	40w	QT5-875	EB-G55
SDE-055	2.7	12	950 X 63.5mm	3/4"male	119 X 28 X 41.5 /8sets	UVT5-455	55w	QT5-940	EB-G55

* Chamber material: 304 SS (316L is optional); Philips uv lamp is optional



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- UV chamber with great welding process which enables to pass 1.04MPa 100,000 times water hammer test






WATER QUALITY REQUIREMENT

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- Iron<0.3ppm(0.3mg/L)
- Hardness<7gpg(120mg/L)
- Turbidity<1NTU
- UV transmittance>75%
- UV dose $\geq 30\text{mJ}/\text{cm}^2$

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

* Chamber material: 304 SS (316L is optional); Thread or flange as options; Philips uv lamp is optional



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Audible and visual
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Lamp operation and failure
-  **Optional digital display ballast**
-  **UV intensity monitor**
Optional

FEATURES

- Features running timer with digital display and audible lamp change reminder for ease of maintenance
- Reliable High-performance UV lamp, rigorously tested to provide consistent output over the entire lamp life
- Controller will go into alarm if the lamp fails
- UV chamber with great welding process which enables to pass 1.04MPa 100,000 times water hammer test

WATER QUALITY REQUIREMENT

- Maximum operating pressure 0.8MPa(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%
- UV dose $\geq 30\text{mJ}/\text{cm}^2$

Model	Flow rate		Reactor dimension	In/outlet port	Package size cm	UV Lamp code	Lamp power	Quartz tube code	Ballast code
	m ³ /hr	GPM							
SDB-110	5.4	2.4	950 X 108mm	1"male	102.5 X 22.4 X 42 /1set	UVT5-455	55w X 2	QT5-940	EB-G4055
SDB-165	8.1	36	950 X 133mm	1.5"male	102.5 X 24.8 X 45 /1set	UVT5-455	55w X 3	QT5-940	EB-G4055
SDB-220	10.9	48	950 X 133mm	1.5"male	102.5 X 24.8 X 45 /1set	UVT5-455	55w X 4	QT5-940	EB-G4055
SDB-330	16.3	72	950 X 168mm	2"male	107.0 X 35.0 X 60 /1set	UVT5-455	55w X 6	QT5-940	EB-G4055
SDB-440	21.8	96	950 X 219mm	3"male	107.0 X 40.0 X 70 /1set	UVT5-455	55w X 8	QT5-940	EB-G4055
SDB-550	27.2	120	950 X 275mm	4"male	109.0 X 48.0 X 80 /1set	UVT5-455	55w X 10	QT5-940	EB-G4055
SDB-660	32.7	144	950 X 275mm	4"male	109.0 X 48.0 X 80 /1set	UVT5-455	55w X 12	QT5-940	EB-G4055

* Chamber material: 304 SS (316L is optional); Thread or flange as options; Philips uv lamp is optional



Voltage
110V/220V 50/60Hz

This water flow sensor has a unique design and good waterproof performance.

Easy installation

UV lamp is off with no water flow, preventing water getting hot

FEATURES

- High stability electronic ballast, UV lamp failure alarm
- Reliable High-performance UV lamp, rigorously tested to provide consistent output over the entire lamp life
- Automatic power off when no water flowing
- The small footprint for the point-of-use, single-tap system provides a reliable and economical way to treat drinking water in any residential application
- UV chamber with great welding process which enables to pass 1.04MPa 100,000 times water hammer test





WATER QUALITY REQUIREMENT

- Maximum operating pressure 0.8MPa(116psi)
- Ambient water temperature 2-40°C(36-104°F)
- Water flow rate >5mL/sec, the lamp turns on; water flow rate < 1.6mL/sec, the lamp turns off
- Iron < 0.3ppm(0.3mg/L)
- Hardness < 7gpg(120mg/L)
- Turbidity < 1NTU
- UV transmittance > 75%
- UV dose $\geq 30\text{mJ}/\text{cm}^2$

Model	Flow rate		Reactor dimension	In/outlet port	Flow sensor model NO.	Package size cm	UV Lamp code	Lamp power	Quartz tube code	Ballast code
	m ³ /hr	GPM								
SSE-004FS	0.07	0.3	200 X 50.8mm	1/4"quick-fitting	FS-7	47 X 39 X 51 /15sets	UVT5-404	4w	QT5-185	EB-G6FS
SSE-006FS	0.1	0.5	260 X 50.8mm	1/4"quick-fitting	FS-7	47 X 39 X 51 /15sets	UVT5-406	6w	QT5-245	EB-G6FS
SSE-012FS	0.2	1	315 X 50.8mm	1/4"quick-fitting	FS-7	52.5 X 39 X 52 /15sets	UVT5-412	12w	QT5-300	EB-G16FS
SSE-016FS	0.4	2	375 X 63.5mm	3/8"quick-fitting	FS-2	57 X 40 X 52 /15sets	UVT5-416	16w	QT5-360	EB-G16FS
SSE-025FS	1.4	6	595 X 63.5mm	1/2"male	HT-60	79.5 X 28 X 41.5 /8sets	UVT5-425	25w	QT5-580	EB-G28FS
SSE-030FS	1.8	8	915 X 63.5mm	3/4"male	HT-120	119 X 28 X 41.5 /8sets	UVT5-430	30w	QT5-900	EB-G35FS
SSE-035FS	2.0	9	955 X 63.5mm	3/4"male	HT-120	119 X 28 X 41.5 /8sets	UVT5-435	35w	QT5-940	EB-G35FS
SSE-040FS	2.3	10	890 X 63.5mm	3/4"male	HT-120	112.5 X 28 X 41.5 /8sets	UVT5-440	40w	QT5-875	EB-G55FS
SSE-055FS	2.7	12	955 X 63.5mm	3/4"male	HT-120	119 X 28 X 41.5 /8sets	UVT5-455	55w	QT5-940	EB-G55FS

* Chamber material: 304 SS (316L is optional); Philips uv lamp is optional



-  **Voltage**
110V/220V 50/60Hz
-  This water flow sensor has a unique design and good waterproof performance.
-  Easy installation
-  1-999 seconds delay off

FEATURES

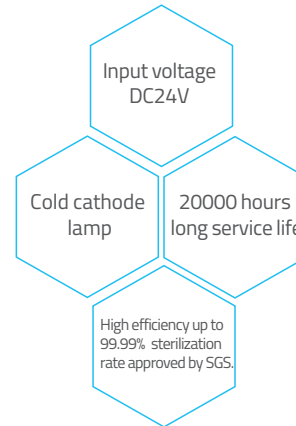
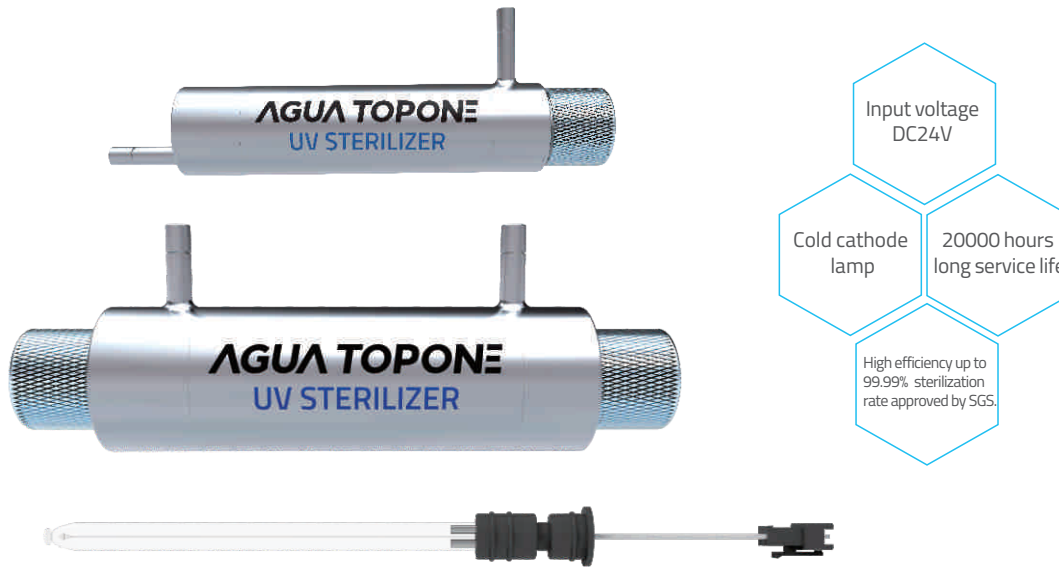
- High stability electronic ballast, UV lamp failure alarm
- Reliable High-performance UV lamp, rigorously tested to provide consistent output over the entire lamp life
- Unique Design of UV ballast with flow sensor and delayed function to prolong the lifetime of the UV lamp up to more than 20,000hrs
- The small footprint of the point-of-use, single-tap system provides a reliable and economical way to treat drinking water in any residential application
- UV chamber with great welding process which enables to pass 1.04MPa 100,000 times water hammer test

WATER QUALITY REQUIREMENT

- Maximum operating pressure 0.8MPa(116psi)
- Ambient water temperature 2-40°C(36-104°F)
- Water flow>5mL/sec, lamp working, settle delay shutdown 0-999 seconds
- Iron<0.3ppm(0.3mg/L)
- Hardness<7gpg(120mg/L)
- Turbidity<1NTU
- UV transmittance>75%
- UV dose ≥ 30mJ/cm²

Model	Flow rate		Reactor dimension	In/outlet port	Flow sensor model NO.	Package size cm	UV Lamp code	Lamp power	Quartz tube code	Ballast code
	m ³ /hr	GPM								
SSE-004YS	0.07	0.3	200 X 50.8mm	1/4"quick-fitting	FS-7	47 X 39 X 51 /15sets	UVT5-404	4w	QT5-185	EB-G6YS
SSE-006YS	0.1	0.5	260 X 50.8mm	1/4"quick-fitting	FS-7	47 X 39 X 51 /15sets	UVT5-406	6w	QT5-245	EB-G6YS
SSE-012YS	0.2	1	315 X 50.8mm	1/4"quick-fitting	FS-7	52.5 X 39 X 52 /15sets	UVT5-412	12w	QT5-300	EB-G16YS
SSE-016YS	0.4	2	375 X 63.5mm	3/8"quick-fitting	FS-2	57 X 40 X 52 /15sets	UVT5-416	16w	QT5-360	EB-G16YS
SSE-025YS	1.4	6	595 X 63.5mm	1/2"male	HT-60	79.5 X 28 X 41.5 /8sets	UVT5-425	25w	QT5-580	EB-G28YS
SSE-030YS	1.8	8	915 X 63.5mm	3/4"male	HT-120	119 X 28 X 41.5 /8sets	UVT5-430	30w	QT5-900	EB-G35YS
SSE-035YS	2.0	9	955 X 63.5mm	3/4"male	HT-120	119 X 28 X 41.5 /8sets	UVT5-435	35w	QT5-940	EB-G35YS
SSE-040YS	2.3	10	890 X 63.5mm	3/4"male	HT-120	112.5 X 28 X 41.5 /8sets	UVT5-440	40w	QT5-875	EB-G55YS
SSE-055YS	2.7	12	955 X 63.5mm	3/4"male	HT-120	119 X 28 X 41.5 /8sets	UVT5-455	55w	QT5-940	EB-G55YS

* Chamber material: 304 SS (316L is optional); Philips uv lamp is optional



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- Iron<0.3ppm(0.3mg/L)
- Hardness<7gpg(120mg/L)
- Turbidity<1NTU
- UV transmittance>75%
- UV dose $\geq 30\text{mJ}/\text{cm}^2$

FEATURES

- Compact size
- Low power consumption
- Frequently turn on/off does not affect the life of the lamp.
- With an average life span of more than 20,000 hours
- UV chamber with great welding process which enables to pass 1.04MPa 100,000 times water hammer test





WORKING PRINCIPLE

The cold cathode lamp is a low-pressure glow gas discharge lamp. The glow discharge uses positive ions to bombard a high-purity metal cathode to generate secondary electrons to sustain the discharge. The cathode current is mainly contributed by the positive ions, and the current is relatively small. hence the name "cold cathode".

Model	Flow rate		Reactor dimension	In/outlet port	Package size cm	UV Lamp code	Lamp power	Quartz tube code	Ballast code
	m ³ /hr	GPM							
SCC-004A	0.07	0.3	160 X 30mm	1/4"quick-fitting	45 X 29.5X 29 /12sets	UVU2-204	4w	QT2-115	ZD24P9-10-6
SCC-004B	0.07	0.3	125 X 38mm	1/4"quick-fitting	45 X 29.5X 29 /12sets	UVU2-204	4w	QT2-115	ZD24P9-10-6
SCC-006	0.1	0.5	170 X 38mm	1/4"quick-fitting	45 X 29.5X 29 /12sets	UVU2-206	6w	QT2-157	ZD24P9-10-6

* Chamber material: 304 SS (316L is optional)



-  **Voltage**
110V/220V 50/60Hz
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Audible and visual
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Lamp operation and failure
UL certificated digital timer ballast
-  **UV intensity monitor**
Optional

FEATURES

- Reliable High-performance UV lamp, rigorously tested to provide consistent output over the entire lamp life
- Audible lamp replacement reminder and 365 days countdown timer with digital display.
- Ease of Maintenance
- Perfect for a wide range of whole-home, point-of-entry water treatment solutions in homes, cottages, or OEM applications.
- UV chamber with great welding process which enables to pass 1.04MPa 100,000 times water hammer test
- Features 1/2" female & 3/4" male thread for compatible connections







WATER QUALITY REQUIREMENT

- Maximum operating pressure 0.8MPa(116psi)
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- Turbidity<1NTU
- UV transmittance>75%
- UV dose $\geq 30\text{mJ}/\text{cm}^2$

Model	Flow rate		Reactor dimension	In/outlet port	UV Lamp code	Lamp power	Quartz tube code	Ballast code
	m ³ /hr	GPM						
ST08-T516	0.68	3	410×63.5mm	1/2"female & 3/4"male	TUV16W4PSE	16w	QT5-360	ZUM1-425-55
ST08-T525	1.6	7	640×63.5 mm	1/2"female & 3/4"male	TUV25W4PSE	25w	QT5-580	ZUM1-425-55
ST08-T540	2.73	12	938×63.5 mm	1/2"female & 3/4"male	TUV40W4PSE	45w	QT5-875	ZUM1-425-55
ST08-T575	4.54	20	938×63.5 mm	1/2"female & 3/4"male	TUV75W4PSE	75w	QT5-875	ZUM1-800-120

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Optional
-  **PLC program control is optional**

FEATURES

- Reliable High-performance UV lamp, rigorously tested to provide consistent output over the entire lamp life
- The constant current feature ensures stable UV lamp output, regardless of power fluctuations failure alarm
- Multi-lamps system design reduced the risk of one lamp failure.
- Optimized chamber design and product flexibility enables cost-effective installation in extremely compact spaces.

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Model	Flow rate		Reactor dimension	In/outlet port	UV Lamp code	Lamp power	Quartz tube code	Ballast code
	m ³ /hr	GPM						
SB10-H02	14	61	1212×133 mm	DN65(2.5")	GPO1148T5L/4P	120w X 2	QT5-1183	ZUM3-800-120
SB10-H03	27	200	1212×168 mm	DN80(3")	GPO1148T5L/4P	120w X 3	QT5-1183	ZUM3-800-120
SB10-H04	35	155	1212×168 mm	DN100(4")	GPO1148T5L/4P	120w X 4	QT5-1183	ZUM3-800-120
SB10-H05	58	255	1212×219 mm	DN100(4")	GPO1148T5L/4P	120w X 5	QT5-1183	ZUM3-800-120
SB10-H06	69	305	1212×219mm	DN125(5")	GPO1148T5L/4P	120w X 6	QT5-1183	ZUM3-800-120
SB10-H07	80	355	1212×219 mm	DN125(5")	GPO1148T5L/4P	120w X 7	QT5-1183	ZUM3-800-120
SB10-HA3	105	465	1618×219 mm	DN150(6")	GPHHA1554T6L	320w X 3	QT6-1589	ZUM4-2100-320
SB10-HA4	137	605	1618×219 mm	DN150(6")	GPHHA1554T6L	320w X 4	QT6-1589	ZUM4-2100-320
SB10-HA5	168	740	1618×219 mm	DN150(6")	GPHHA1554T6L	320w X 5	QT6-1589	ZUM4-2100-320
SB10-HA6	198	870	1618×219 mm	DN150(6")	GPHHA1554T6L	320w X 6	QT6-1589	ZUM4-2100-320
SB10-HA7	298	1315	1618×274 mm	DN200(8")	GPHHA1554T6L	320w X 7	QT6-1589	ZUM4-2100-320
SB10-HA8	337	1485	1618×274mm	DN200(8")	GPHHA1554T6L	320w X 8	QT6-1589	ZUM4-2100-320
SB10-HA9	459	2021	1618×325 mm	DN250(10")	GPHHA1554T6L	320w X 9	QT6-1589	ZUM4-2100-320
SB10-HA10	505	2225	1618×325 mm	DN250(10")	GPHHA1554T6L	320w X 10	QT6-1589	ZUM4-2100-320

* Chamber material: 304 SS (316L is optional); 4 pins or 4 pins Lightsources uv lamp as options



PRODUCT FEATURES:

- Cleaning mechanism: The motor installed on the end of chamber drives the wiper to clean the quartz tube automatically according to the cleaning time we set up while without disrupting disinfection work.
- Monitor control panel indicated through an LCD display to show reminding uv lamp life, system total running hours, audible & visual failure alarm, water temperature, real-time uv intensity.
- PLC intelligent control for unattended operation, Precise cleaning structure and automatically cleaning to continuously ensure high uv transmittance and disinfection. Humanized touch screen is convenient for installation, daily maintenance and monitoring.

Model	Flow rate		Reactor dimension	In/outlet port	UV Lamp code	Lamp power	Quartz tube code	Ballast code
	m ³ /hr	GPM						
SA-3120	35	155	1470×168 mm	DN80(3'')	GPO1148T5L/4P	120w X 3	QT6-1183	ZUM3-800-120
SA-4120	45	200	1470×219 mm	DN100(4'')	GPO1148T5L/4P	120w X 4	QT6-1183	ZUM3-800-120
SA-5120	55	245	1470×219mm	DN125(5'')	GPO1148T5L/4P	120w X 5	QT6-1183	ZUM3-800-120
SA-6120	70	310	1470×274mm	DN150(6'')	GPO1148T5L/4P	120w X 6	QT6-1183	ZUM3-800-120
SA-7120	80	355	1470×274mm	DN150(6'')	GPO1148T5L/4P	120w X 7	QT6-1183	ZUM3-800-120
SA-8120	95	420	1470×274mm	DN200(8'')	GPO1148T5L/4P	120w X 8	QT6-1183	ZUM3-800-120
SA-9120	120	530	1470×325mm	DN200(8'')	GPO1148T5L/4P	120w X 9	QT6-1183	ZUM3-800-120

* Chamber material: 304 SS (316L is optional)



PRODUCT FEATURES:

- Incorporates an automatic self-cleaning mechanism which is pneumatically driven that prevents the quartz from fouling without requiring harsh chemical cleaning like other conventional systems.
- UV monitoring: high-precision UV intensity sensor, real-time detection of the operation status of the UV lamp in the chamber.
- Customized high transmittance quartz tube over 90% at 253.7nm to protect uv lamp and guarantee the disinfection performance.
- The compressed air drives the wiper inside to clean the quartz tube automatically according to the cleaning time we set up while without disrupting disinfection work.

Model	Flow rate		Reactor dimension	In/outlet port	UV Lamp code	Lamp power	Quartz tube code	Ballast code
	m ³ /hr	GPM						
SBA10-4320	120	530	1665×219 mm	DN125(5")	GPHHA1554T6L	320w X 4	QT6-1630	ZUM4-2100-320
SBA10-5320	150	660	1665×219 mm	DN150(6")	GPHHA1554T6L	320w X 5	QT6-1630	ZUM4-2100-320
SBA10-6320	230	1012	1665×274mm	DN200(8")	GPHHA1554T6L	320w X 6	QT6-1630	ZUM4-2100-320
SBA10-8320	300	1320	1665×274 mm	DN250(10")	GPHHA1554T6L	320w X 8	QT6-1630	ZUM4-2100-320
SBA10-10320	450	1980	1665×325mm	DN300(12")	GPHHA1554T6L	320w X 10	QT6-1630	ZUM4-2100-320
SBA10-12320	530	2335	1665×325 mm	DN300(12")	GPHHA1554T6L	320w X 12	QT6-1630	ZUM4-2100-320

* Chamber material: 304 SS (316L is optional); 4 pins or 4 pins Lightsources uv lamp as options

LIGHTSOURCES UV LAMP

- Quality assurance imported from the United States
- Efficient operation with maximum germicidal effectiveness.



Model	Lamp holder	Dimension(mm)		Power (W)	Voltage (V)	Current (A)	Lifetime (H)	Match with quartz tube model
		Tube diameter	Length					
GPH150T5L	G10Q	15	150	7W	18	0.425	16000	QT5-185
GPH212T5L	G10Q	15	212	10W	25	0.425	16000	QT5-245
GPH287T5L	G10Q	15	287	14W	34	0.425	16000	QT5-322
GPH303T5L	G10Q	15	303	15W	35	0.425	16000	QT5-338
GPH357T5L	G10Q	15	357	17W	42	0.425	16000	QT5-392
GPH436T5L	G10Q	15	436	21W	51	0.425	16000	QT5-470
GPH620T5L	G10Q	15	620	29W	70	0.425	16000	QT5-655
GPH843T5L	G10Q	15	843	41W	98	0.425	16000	QT5-875
GH0303T5L	G10Q	15	303	33W	43	0.8	16000	QT5-338
GH0436T5L	G10Q	15	436	48W	60	0.8	16000	QT5-470
GH0843T5L	G10Q	15	843	87W	110	0.8	16000	QT5-875
GH01000T5L	G10Q	15	1000	100W	130	0.8	16000	QT5-1035
GH01148T5L	G10Q	15	1148	120W	195	0.8	16000	QT5-1183
GH064T5L	G10Q	15	1154	155W	195	0.8	16000	QT5-1589
GPHA1554T6L	G10Q	19	1154	240W	134	1.8	16000	QT6-1589
GPHHA1554T6L	G10Q	19	1154	320W	154	2.1	16000	QT6-1589

PHILIPS UV LAMP

- Quality assurance imported from Europe
- Efficient operation with maximum germicidal effectiveness.



Model	Lamp holder	Dimension(mm)		Power (W)	Voltage (V)	Current (A)	Lifetime (H)	Match with quartz tube model
		Tube diameter	Length					
TUV 4W	G5	16	135.9	4W	25	0.165	9000	QT5-185
TUV 6W	G5	16	212.1	6W	37	0.165	9000	QT5-245
TUV 8W	G5	16	288.3	8W	47	0.17	9000	QT5-360
TUV 11W	G5	16	212.1	11W	34	0.400	9000	QT5-245
TUV 16W	G5	16	288.3	16W	33	0.425	9000	QT5-360
TUV 25W	G13	28	437.4	25W	48	0.600	9000	QT8-498
TUV 30W	G13	28	894.6	30W	102	0.370	9000	QT8-955
TUV 55W	G13	28	894.6	50W	86	0.770	9000	QT5-955
TUV11W 4PSE	G10Q	15	244.1	11W	34	0.425	9000	QT5-295
TUV 16W 4PSE	G10Q	15	320.3	15W	43	0.425	9000	QT5-360
TUV 25W 4PSE	G10Q	15	548.9	25W	55	0.425	9000	QT5-580
TUV 36T5HE 4PSE	G10Q	15	845.4	40W	14	0.425	9000	QT5-875
TUV 36T5HO 4PSE	G10Q	15	845.4	75W	23	0.8	9000	QT5-875
TUV 325WXPTHOSE	G10Q	19	1574.3	320W	160	2.0	9000	QT6-1630

AGUA TOPONE

- Quality assurance
- Efficient operation with maximum germicidal effectiveness.
- OEM accepted



Model	Lamp holder	Dimension(mm)		Power (W)	Voltage (V)	Current (A)	Lifetime (H)	Match with quartz tube model
		Tube diameter	Length					
UVT5-404	G10Q	15	150	4W	23	0.165	8000	QT5-185
UVT5-406	G10Q	15	212	6W	34	0.165	8000	QT5-245
UVT5-412	G10Q	15	265	12W	37	0.425	8000	QT5-300
UVT5-416	G10Q	15	330	16W	44	0.425	8000	QT5-360
UVT5-425	G10Q	15	550	25W	58	0.425	8000	QT8-580
UVT5-428	G10Q	15	550	28W	68	0.425	8000	QT8-580
UVT5-430	G10Q	15	870	30W	80	0.425	8000	QT8-900
UVT5-435	G10Q	15	910	35W	83	0.425	8000	QT5-940
UVT5-440	G10Q	15	843	40W	94	0.425	8000	QT5-875
UVT5-455	G10Q	15	910	55W	120	0.8	8000	QT5-940
UVT5-433	G10Q	15	303	33W	35	0.8	8000	QT5-338
UVT5-448	G10Q	15	436	48W	60	0.8	8000	QT8-470
UVT5-475	G10Q	15	843	75W	97	0.8	8000	QT5-875
UVT5-487	G10Q	15	843	87W	110	0.8	8000	QT5-875
UVT5-4120	G10Q	15	1148	120W	150	0.8	8000	QT5-1183
UVT5-4240	G10Q	19	1554	240W	134	1.8	8000	QT6-1589
UVT5-4320	G10Q	19	1554	320W	154	2.1	8000	QT6-1589



Electronic ballast

- 100-120VAC or 220-240VAC 50/60Hz
- Pre-heat start
- Lamp failure protection
- Audible and visual alarm

Model	Input voltage	Output current	Input power	Lamp holder type	Match with lamp	Start method
ZAP2-170-F6 (EB-F6)	100-120VAC or 220-240VAC	170mA	4-8W	G5	TUV4W TUV6W	Pre-heat start
ZAP2-170-G6 (EB-G6)				G10Q	UVT5-404 UVT5-406	
ZAP2-425-F16 (EB-F16)	100-120VAC or 220-240VAC	425mA	10-17W	G5	TUV11W TUV16W	Pre-heat start
ZAP2-425-G16 (EB-G16)				G10Q	UVT5-404 UVT5-412 UVT5-416 GPH212T5L-GPH357T5L	
ZAP2-425-G28 (EB-G28)	100-120VAC or 220-240VAC	425mA	19-28W	G10Q	UVT5-425 UVT5-428 GPH436T5L GPH620T5L	Pre-heat start
ZAP2-425-G35 (EB-G35)	100-120VAC or 220-240VAC	425mA	30-55W	G10Q	UVT5-430 UVT5-435	Pre-heat start
ZAP2-425-G55 (EB-G55)	100-120VAC or 220-240VAC	425mA	40-55W	G10Q	UVT5-440 UVT5-455 GPH793T5L GPH843T5L	Pre-heat start
ZAP2-610-F25 (EB-F25)	100-120VAC or 220-240VAC	610mA	25W	G13	TUV25W	Pre-heat start
ZAP2-370-F30 (EB-F30)	100-120VAC or 220-240VAC	370mA	30W	G13	TUV30W	Pre-heat start
ZAP2-770-F55 (EB-F55)	100-120VAC or 220-240VAC	770mA	55-75W	G13	TUV55W	Pre-heat start
ZAP2-770-G55 (EB-G75)				G10Q	UVT5-433 UVT5-448 UVT5-475 UVT5-487 GH0436T5L-GH0843T5L	



Electronic ballast

- 100-120VAC or 220-240VAC 50/60Hz
- Pre-heat start
- Lamp failure protection
- Audible and visual alarm
- With water flow control switch

Model	Input voltage	Output current	Input power	Lamp holder type	Match with lamp	Start method
ZAP2-170-F6FS (EB-F6FS)	100-120VAC or 220-240VAC	170mA	4-8W	G5	TUV4W TUV6W	Pre-heat start
ZAP2-170-G6FS (EB-G6FS)				G10Q	UVT5-404 UVT5-406	
ZAP2-425-F16FS (EB-F16FS)	100-120VAC or 220-240VAC	425mA	10-17W	G5	TUV11W TUV16W	Pre-heat start
ZAP2-425-G16FS (EB-G16FS)				G10Q	UVT5-404 UVT5-412 UVT5-416 GPH212T5L-GPH357T5L	



Electronic ballast

- 100-120VAC or 220-240VAC 50/60Hz
- Pre-heat start
- Lamp failure protection
- Audible and visual alarm
- With lamp working time display

Model	Input voltage	Output current	Input power	Lamp holder type	Match with lamp	Start method
ZAP2-170-F6JS (EB-F6)	100-120VAC or 220-240VAC	170mA	4-8W	G5	TUV4W TUV6W	Pre-heat start
ZAP2-170-G6JS (EB-G6)				G10Q	UVT5-404 UVT5-406	
ZAP2-425-F16JS (EB-F16)	100-120VAC or 220-240VAC	425mA	10-17W	G5	TUV11W TUV16W	Pre-heat start
ZAP2-425-G16JS (EB-G16)				G10Q	UVT5-404 UVT5-412 UVT5-416 GPH212T5L-GPH357T5L	
ZAP2-425-G28JS (EB-G28)	100-120VAC or 220-240VAC	425mA	19-28W	G10Q	UVT5-425 UVT5-428 GPH436T5L GPH620T5L	Pre-heat start
ZAP2-425-G35JS (EB-G35)	100-120VAC or 220-240VAC	425mA	30-55W	G10Q	UVT5-430 UVT5-435	Pre-heat start
ZAP2-425-G55JS (EB-G55)	100-120VAC or 220-240VAC	425mA	40-55W	G10Q	UVT5-440 UVT5-455 GPH793T5L GPH843T5L	Pre-heat start
ZAP2-610-F25JS (EB-F25)	100-120VAC or 220-240VAC	610mA	25W	G13	TUV25W	Pre-heat start
ZAP2-370-F30JS (EB-F30)	100-120VAC or 220-240VAC	370mA	30W	G13	TUV30W	Pre-heat start
ZAP2-770-F55JS (EB-F55)	100-120VAC or 220-240VAC	770mA	55-75W	G13	TUV55W	Pre-heat start
ZAP2-770-G55JS (EB-G75)				G10Q	UVT5-433 UVT5-448 UVT5-475 UVT5-487 GH0436T5L-GH0843T5L	



Electronic ballast

- 100-120VAC or 220-240VAC 50/60Hz
- Pre-heat start
- Lamp failure protection
- Audible and visual alarm
- With water flow control switch with delay shutdown function

Model	Input voltage	Output current	Input power	Lamp holder type	Match with lamp	Start method
ZAP2-170-F6YS (EB-F6YS)	100-120VAC or 220-240VAC	170mA	4-8W	G5	TUV4W TUV6W	Pre-heat start
ZAP2-170-G6YS (EB-G6YS)				G10Q	UVT5-404 UVT5-406	
ZAP2-425-F16YS (EB-F16YS)	100-120VAC or 220-240VAC	425mA	10-17W	G5	TUV11W TUV16W	Pre-heat start
ZAP2-425-G16YS (EB-G16YS)				G10Q	UVT5-404 UVT5-412 UVT5-416 GPH212T5L-GPH357T5L	



Electronic ballast

- 100-240VAC 50/60Hz
- 365 days countdown or 0-9999 hours
- Pre-heat start
- Lamp failure protection
- Audible and visual alarm
- Signal output optional

Model	Input voltage	Output current	Input power	Lamp holder type	Match with lamp	Start method
ZUM1-425-55 (EB-G3042)	100-240VAC	425mA	10-55W	G10Q	UVT5-410 ~ UVT5-455 GPH212T5L ~ GPH843T5L	Pre-heat start
ZUM1-800-120 (EB-G45105)	100-240VAC	800mA	33-120W	G10Q	UVT5-433 UVT5-448 GHO436T5L~GHO893T5L	Pre-heat start
ZUM1-1200-127 (EB-G42150)	100-240VAC	1.2A	42-127W	G10Q	GPHA357T5L~GPHA1000T5L	Pre-heat start



Electronic ballast

- 100-240VAC 50/60Hz
- 365 days countdown or 0-9999 hours
- Pre-heat start
- Lamp failure protection
- Audible and visual alarm
- Signal output optional
- UV intensity monitoring

Model	Input voltage	Output current	Input power	Lamp holder type	Match with lamp	Start method
ZUM1A-425-55	100-240VAC	425mA	10-55W	G10Q	UVT5-410 ~ UVT5-455 GPH212T5L ~ GPH843T5L	Pre-heat start
ZUM1A-800-120	100-240VAC	800mA	33-120W	G10Q	UVT5-433 UVT5-448 GHO436T5L~GHO893T5L	Pre-heat start
ZUM1A-1200-127	100-240VAC	1.2A	42-127W	G10Q	GPHA357T5L~ GPHA1000T5L	Pre-heat start



Electronic ballast

- 100-120VAC or 220-240VAC 50/60Hz
- Pre-heat start
- Lamp failure protection
- Audible and visual alarm

Model	Input voltage	Output current	Input power	Lamp holder type	Match with lamp	Start method
ZAP4-425-55	100-120VAC or 220-240VAC	425mA	10-16W	G5	TUV11W TUV16W	Pre-heat start
			10-55W	G10Q	UVT5-410 ~ UVT5-455 GPH212T5L ~ GPH843T5L	



Electronic ballast

- 220-240VAC 50/60Hz
- Pre-heat start
- Lamp failure protection
- Audible and visual alarm

Model	Input voltage	Output current	Input power	Lamp holder type	Match with lamp	Start method
ZAP7-170-F6	220-240VAC	170mA	4-6W	G5	TUV4W TUV6W	Pre-heat start
ZAP7-170-G6				G10Q	UVT5-404 UVT5-406	
ZAP7-425-F28	220-240VAC	425mA	10-28W	G5	TUV11W TUV16W	Pre-heat start
ZAP7-425-G28				G10Q	UVT5-412 UVT5-416 UVT5-425 GPH212T5L~GPH357T5L GPH436T5L	
ZAP7-425-F55	220-240VAC	425mA	30-55W	G13	TUV30W	Pre-heat start
ZAP7-425-G55				G10Q	UVT5-440 UVT5-455 GPH793T5L GPH843T5L	



Electronic ballast

- 100-240VAC 50/60Hz
- Pre-heat start
- Lamp failure protection
- 5V voltage signal output
- Relay signal output

Model	Input voltage	Output current	Input power	Lamp holder type	Match with lamp	Start method
ZUM3-425-55	100-240VAC	425mA	10-55W	Terminals	UVT5-410 ~ UVT5-455 GPH212T5L ~ GPH843T5L	Pre-heat start
ZUM3-800-120	100-240VAC	800mA	33-120W	Terminals	UVT5-433 UVT5-448 GHO436T5L~GHO893T5L	Pre-heat start
ZUM3-1200-127	100-240VAC	1.2A	42-127W	Terminals	GPHA357T5L~GPHA1000T5L	Pre-heat start



LENGTHENED NUT

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



OPEN NUT

- Aluminum or stainless steel material



HEX NUT

- Aluminum material
- Plated by chrome, easy tightening



CLOSED NUT

- Aluminum or stainless steel material



O-RING

- Silicone material, safe food-grade



O-RING

- FKM material, FDA approved



BRACKET

- Plastic material
- Economical maintenance
- Flexible assembly



BRACKET

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



BRACKET

- Aluminum material
- Economical maintenance
- High precision processing



4-CORE OUTPUT CABLE

- Optional G10Q or G5 or G13 lamp holder



HIGH TEMPERATURE WIRE

- Telfon material
- Resistance to high temperature
- Antiflaming coating



POWER CABLE

- Plug optional



GLAND CAP

- Plastic material
- Waterproof connector



BOLT

- Copper material
- G1/2 male thread



UV SENSOR

- G1/2 male thread



FLOW SWITCH

- 1/4" or 3/8" quick connect



FLOW SWITCH

- Brass material
- 1/2 or 3/4 thread



SPRING

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