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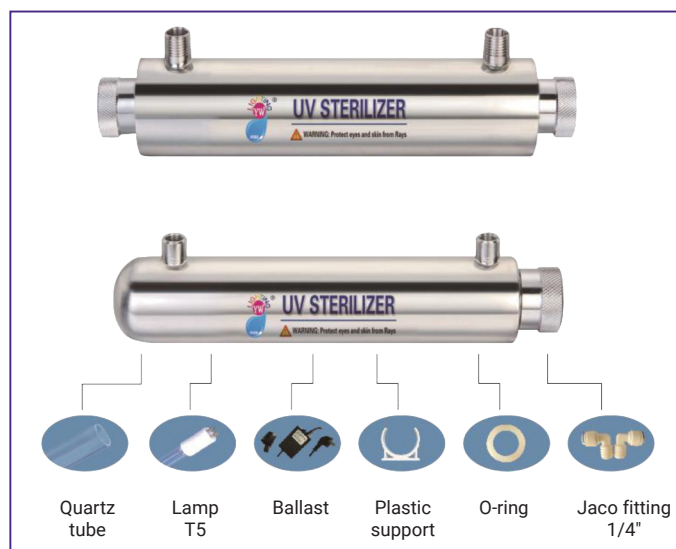
EKO-TRADING CO., LIMITED



UV Sterilizers

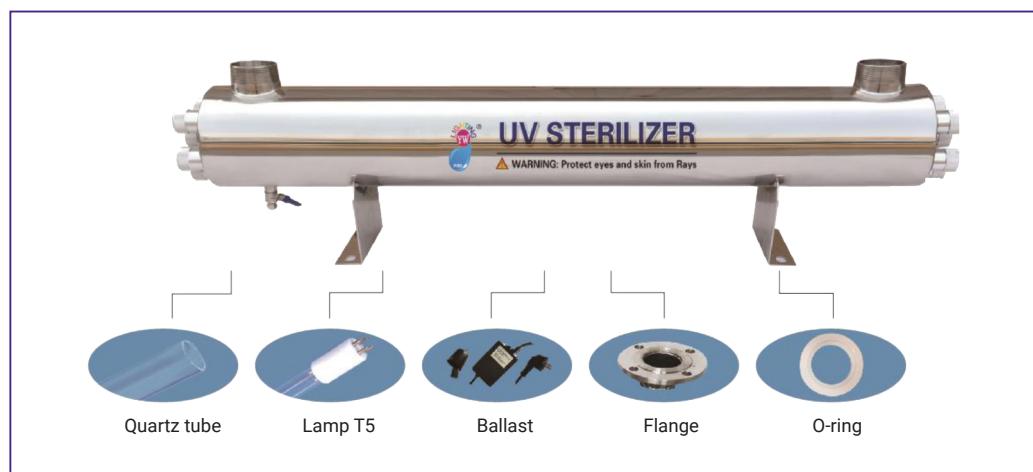
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SS UV sterilizers



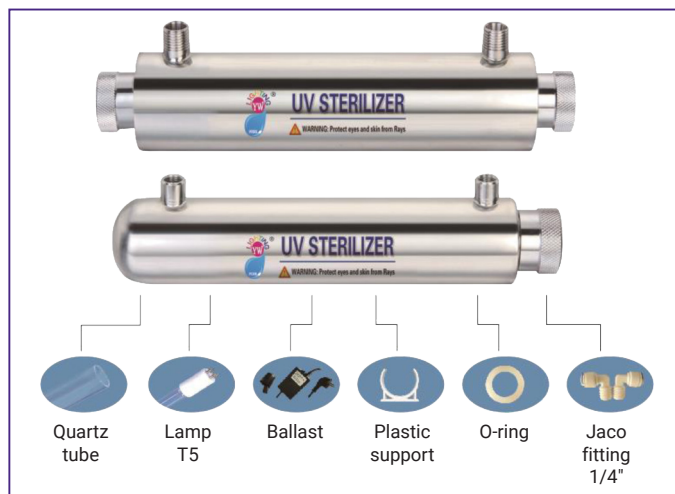
Model		SS 6W	SS 12W	SS 16W	SS 25W	SS 30W	SS 35W	SS 55W
Housing material		304/316	304/316	304/316	304/316	304/316	304/316	304/316
All UV lamp (T5) power		6 W	12 W	16 W	25 W	30 W	35 W	55 W
Input voltage		110V/240V 50/60Hz	110V/240V 50/60Hz	110V/240V 50/60Hz	110V/240V 50/60Hz	110V/240V 50/60Hz	110V/240V 50/60Hz	110V/240V 50/60Hz
UV lamp quantity		1	1	1	1	1	1	1
Water treatment capability		0.5 GPM (0.1 m³/h)	1 GPM (0.2 m³/h)	2 GPM (0.4 m³/h)	6 GPM (1.4 m³/h)	8 GPM (1.8 m³/h)	10 GPM (2.3 m³/h)	12 GPM (2.7 m³/h)
Water capacity		421 cm³	502 cm³	990 cm³	1687 cm³	2684 cm³	2810 cm³	2810 cm³
Max operating pressure		10 bar (145 psi)	10 bar (145 psi)	10 bar (145 psi)	10 bar (145 psi)	10 bar (145 psi)	10 bar (145 psi)	10 bar (145 psi)
Test pressure		15 bar (218 psi)	15 bar (218 psi)	15 bar (218 psi)	15 bar (218 psi)	15 bar (218 psi)	15 bar (218 psi)	15 bar (218 psi)
Lamp failure alarm		Optional	Optional	Optional	Optional	Optional	Optional	Optional
Lamp life		8000 hours	8000 hours	8000 hours	8000 hours	8000 hours	8000 hours	8000 hours
	A	270 mm	310 mm	375 mm	595 mm	910 mm	950 mm	950 mm
	B	63 mm	63 mm	82 mm	82 mm	85 mm	85 mm	85 mm
	G	1/4" female	1/4" female	1/2" female	1/2" female	3/4" female	3/4" female	3/4" female
	Ø	50.8 mm	50.8 mm	63.5 mm	63.5 mm	63.5 mm	63.5 mm	63.5 mm

SS UV sterilizers in large power



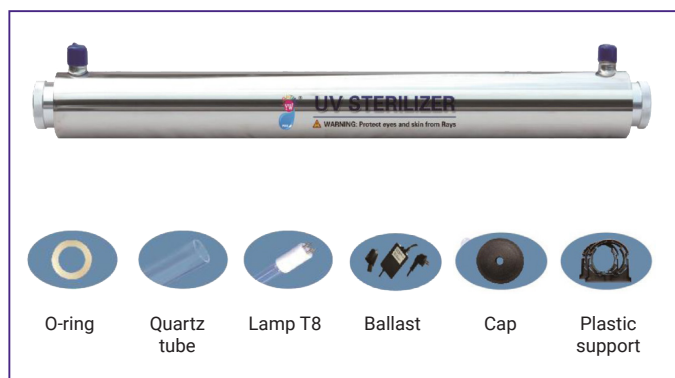
Model		SS 110W	SS 165W	SS 220W	SS 330W	SS 440W	SS 550W	SS 660W
Housing material		304/316	304/316	304/316	304/316	304/316	304/316	304/316
All UV lamp (T5) power		110 W	165 W	220 W	330 W	440 W	550 W	660 W
Input voltage		110V/240V 50/60Hz	110V/240V 50/60Hz	110V/240V 50/60Hz	110V/240V 50/60Hz	110V/240V 50/60Hz	110V/240V 50/60Hz	110V/240V 50/60Hz
UV lamp quantity		2	3	4	6	8	10	12
Water treatment capability		24 GPM (5.5 m³/h)	36 GPM (8 m³/h)	48 GPM (11 m³/h)	72 GPM (16 m³/h)	96 GPM (22 m³/h)	120 GPM (30 m³/h)	144 GPM (35 m³/h)
Water capacity		8130 cm³	12330 cm³	12330 cm³	19674 cm³	33739 cm³	33739 cm³	33739 cm³
Max operating pressure		10 bar (145 psi)	10 bar (145 psi)	10 bar (145 psi)	10 bar (145 psi)	10 bar (145 psi)	10 bar (145 psi)	10 bar (145 psi)
Test pressure		15 bar (218 psi)	15 bar (218 psi)	15 bar (218 psi)	15 bar (218 psi)	15 bar (218 psi)	15 bar (218 psi)	15 bar (218 psi)
Lamp failure alarm		Optional	Optional	Optional	Optional	Optional	Optionalw	Optional
Lamp life		8000 hours	8000 hours	8000 hours	8000 hours	8000 hours	8000 hours	8000 hours
Product size	A	950 mm	950 mm	950 mm	950 mm	950 mm	950 mm	950 mm
	B1	250 mm	283mm	283mm	380 mm	430 mm	430 mm	430 mm
	B2	270 mm	305 mm	305 mm	380 mm	470 mm	470 mm	430 mm
	G	1" (male/flange)	1 1/2" (male/flange)	1 1/2" (male/flange)	2" (male/flange)	3" (male/flange)	3" (male/flange)	3" (male/flange)
	Ø	108 mm	133 mm	133 mm	168 mm	220 mm	220 mm	220 mm
Cartoon size		104x23x41 cm	104x25x45 cm	104x25x45 cm	104x30x54 cm	104x37x64 cm	104x37x64 cm	104x37x64 cm
Gross weight		8 kg	11 kg	11.5 kg	25 kg	27 kg	28 kg	29 kg

SS UV sterilizers with Phillips T5 lamps



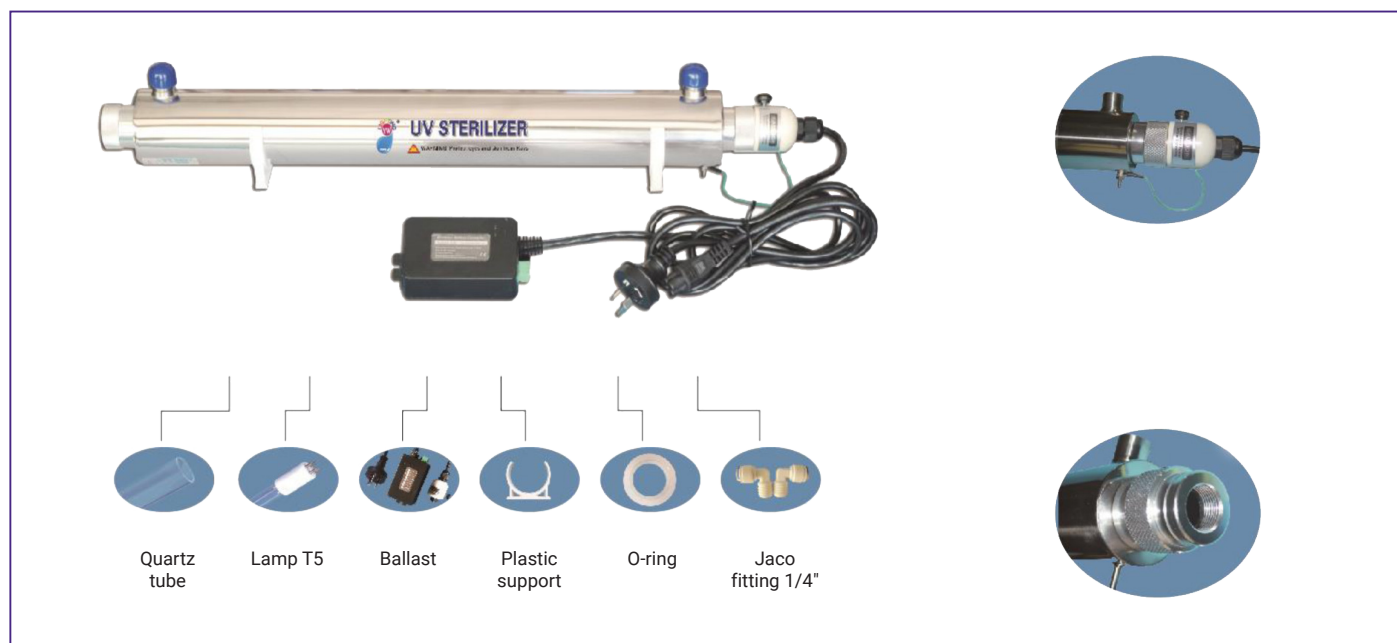
Model	SST5-6W	SST5-11W	SST5-16W
Housing material	304/316	304/316	304/316
All UV lamp (T5) power	6 W	11 W	16 W
Input voltage	110V/240V 50/60Hz	110V/240V 50/60Hz	110V/240V 50/60Hz
UV lamp quantity	1	1	1
Water treatment capability	0.5 GPM (0.1 m ³ /h)	1 GPM (0.2 m ³ /h)	2 GPM (0.4 m ³ /h)
Water capacity	502 cm ³	502 cm ³	990 cm ³
Max operating pressure	10 bar (145 psi)	10 bar (145 psi)	10 bar (145 psi)
v	15 bar (218 psi)	15 bar (218 psi)	15 bar (218 psi)
Lamp failure alarm	Optional	Optional	Optional
Lamp life	8000 hours	8000 hours	8000 hours
Product size	A 310 mm	310 mm	330 mm
	B 63 mm	63 mm	300 mm
	Ø 50.8 mm	50.8 mm	63.5 mm

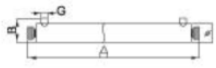
SS UV sterilizers with Phillips T8 lamps



Model	SST8-25W	SST8-30W	SST8-55W
Housing material	304/316	304/316	304/316
All UV lamp (T5) power	25 W	30 W	55 W
Input voltage	110V/240V 50/60Hz	110V/240V 50/60Hz	110V/240V 50/60Hz
UV lamp quantity	1	1	1
Water treatment capability	8 GPM (1.8 m ³ /h)	10 GPM (2.3 m ³ /h)	12 GPM (2.7 m ³ /h)
Water capacity	2684 cm ³	2810 cm ³	2810 cm ³
Max operating pressure	10 bar (145 psi)	10 bar (145 psi)	10 bar (145 psi)
v	15 bar (218 psi)	15 bar (218 psi)	15 bar (218 psi)
Lamp failure alarm	Optional	Optional	Optional
Lamp life	8000 hours	8000 hours	8000 hours
Product size	A 550 mm	950 mm	950 mm
	B 475 mm	920 mm	920 mm
	Ø 65 mm	65 mm	65 mm

SSD UV sterilizers with grounding wires



Model		SSD 6W	SSD 12W	SSD 16W	SSD 25W	SSD 30W	SSD 35W	SSD 55W
Housing material		304/316	304/316	304/316	304/316	304/316	304/316	304/316
All UV lamp (T5) power		6 W	12 W	16 W	25 W	30 W	35 W	55 W
Input voltage		110V/240V 50/60Hz	110V/240V 50/60Hz	110V/240V 50/60Hz	110V/240V 50/60Hz	110V/240V 50/60Hz	110V/240V 50/60Hz	110V/240V 50/60Hz
UV lamp quantity		1	1	1	1	1	1	1
Water treatment capability		0.5 GPM (0.1 m³/h)	1 GPM (0.2 m³/h)	2 GPM (0.4 m³/h)	6 GPM (1.4 m³/h)	8 GPM (1.8 m³/h)	10 GPM (2.3 m³/h)	12 GPM (2.7 m³/h)
Water capacity		421 cm³	502 cm³	990 cm³	1687 cm³	2684 cm³	2810 cm³	2810 cm³
Max operating pressure		10 bar (145 psi)	10 bar (145 psi)	10 bar (145 psi)	10 bar (145 psi)	10 bar (145 psi)	10 bar (145 psi)	10 bar (145 psi)
Test pressure		15 bar (218 psi)	15 bar (218 psi)	15 bar (218 psi)	15 bar (218 psi)	15 bar (218 psi)	15 bar (218 psi)	15 bar (218 psi)
Lamp failure alarm		Optional	Optional	Optional	Optional	Optional	Optional	Optional
Lamp life		8000 hours	8000 hours	8000 hours	8000 hours	8000 hours	8000 hours	8000 hours
Product size	A	270 mm	310 mm	375 mm	595 mm	910 mm	950 mm	950 mm
	B	63 mm	63 mm	82 mm	82 mm	85 mm	85 mm	85 mm
	G	1/4" female	1/4" female	1/2" female	1/2" female	3/4" female	3/4" female	3/4" female
	Ø	50.8 mm	50.8 mm	63.5 mm	63.5 mm	63.5 mm	63.5 mm	63.5 mm

YTG01T electronic ballasts for Phillips UV lamps T5 & T8

Specification

- For Phillips UV lamp T5 series and T8 series.
- High power factor 0.97.
- Light and sound alarm (when UV lamp is abnormal).
- EMC, CE certificate.
- year warranty.



Model	YT-G01T5-6W	YT-G01T5-11W	YT-G01T8-25W	YT-G01T8-30W	YT-G01T8-55W
Phillips lamps T5 & T8	T5 6W	T5 11W	T8 25W	T8 30W	T8 55W
Input voltage	220 V	220 V	220 V	220 V	220 V
Input current	0.029 A	0.053 A	0.120 A	0.144 A	0.263 A
Power factor	≥0.95	≥0.95	≥0.95	≥0.95	≥0.95
Min start temperature	0°F/-18°C	0°F/-18°C	0°F/-18°C	0°F/-18°C	0°F/-18°C

YTG01 electronic ballasts for UV lamps

Specification

- For UV lamp 4...150W, 120/230 V 50/60 Hz.
- High power factor, low THD.
- CE, UL Certificate.
- 1 year warranty.
- With grounding wire (optionally).
- Light and sound alarm (optionally).



Model	YTG01-4W	YTG01-6W	YTG01-12W	YTG01-16W	YTG01-25W	YTG01-30W	YTG01-35W	YTG01-55W
Lamps type T5 4 pin	4W UVC	6W UVC	12W UVC	16W UVC	25W UVC	30W UVC	35W UVC	55W UVC
Input voltage	220 V/120 V	220 V/120 V	220 V/120 V	220 V/120 V	220 V/120 V	220 V/120 V	220 V/120 V	220 V/120 V
Input current	0.030	0.045	0.091	0.121	0.189	0.227	0.265	0.417
Power factor	≥0.95	≥0.95	≥0.95	≥0.95	≥0.95	≥0.95	≥0.95	≥0.95
Min start temperature	0°F/-18°C	0°F/-18°C	0°F/-18°C	0°F/-18°C	0°F/-18°C	0°F/-18°C	0°F/-18°C	0°F/-18°C

YWD24-8W electronic balast for germecidal UV lamps



Model	YWD24-8W
Power per lamp	4...8 W
Input voltage	21.4...26.4 V
Input current	0.48 A@24 V
Lamp current	0.16...0.18
Power factor	≥0.95

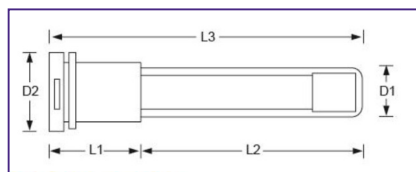
UV water disinfection integrated lamps

Product characteristic

Usage the quartz glass tube with UV transmissivity over 90% matched with UV lamp tube, connecting external ballast, composing integrated immersion lamp. Easy to operate, small volume, good disinfection effect.

Application area

Applied in water treatment, such as fishpond and aquarium disinfection.



Lamp type		UV-6W	UV-10W
Lamp wattage		6 W	10 W
Product size	L1	56	56
	L2	109	186
	L3	165	242
	D1	23	23
	D2	40	40
Useful life		9000 hours	9000 hours

TUV T5/T6 UVC 4 pins lamps in single ends

Features

- Electrodes and quartz tube are processed by special technique, the UV lamp have a long life and keep UV output.

- Different lamp holder, plastic and ceramic.
- High ozone lamps can produce hydroxyl in water, decomposition of organic matter, reducing TOC.

Applications

- Disinfection for purified water, domestic water, deionized water, medical water, and other water sources.

- Used in waste water treatment, photocatalyst, photocatalytic degradation of organic compounds in water.



Lamp type	Diameter mm	Base length mm	Wattage W	Lamp voltage V	Lamp current mA	UV intensity (distance 1 m) $\mu\text{W}/\text{cm}^2$
TUV10D15Y-Z212	15	221	10	32	425	21...24
TUV14D15Y-Z287	15	287	14	42	425	31...35
TUV15D15Y-Z303	15	303	15	44	425	33...37
TUV18D15Y-Z356	15	356	18	52	425	48...54
TUV23D15Y-Z436	15	436	23	66	425	62...69
TUV28D15Y-Z550	15	550	28	80	425	85
TUV37D15Y-Z793	15	793	37	100	425	110
TUV40D15Y-Z851	15	851	40	110	400	120...130
TUV55D15Y-Z1149	15	1149	55	180	400	150...180
TUV75D15Y-Z1554	15	1554	75	200	630	180...210

For example: TUV75D15Y-Z1554 means Ultraviolet lamp, 75W, single end (D), pipe diameter 15 mm, with ozone (Y), without ozone (W), straight pipe (Z), length 1554 mm.

Special UV lamps for water treatment

Lamp type	Diameter mm	Base length mm	Wattage W	Lamp voltage V	Lamp current mA	UV intensity (distance 1 m) $\mu\text{W}/\text{cm}^2$
TUVT5-4W	15	153	4	28	120	18
TUVT5-6W	15	212	6	32	180	20
TUVT5-12W	15	287	12	42	380	31
TUVT5-16W	15	345	16	47	410	33
TUVT5-25W	15	565	25	74	425	77
TUVT5-30W	15	885	30	82	425	85
TUVT5-35W	15	925	35	98	490	102
TUVT5-55W	15	925	55	120	512	145
TUVT5-75W	15	1554	75	190	200	200

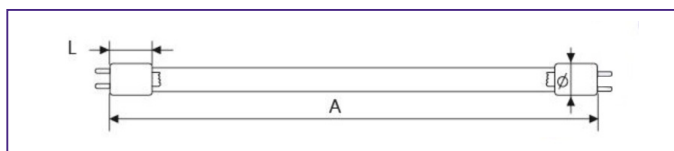
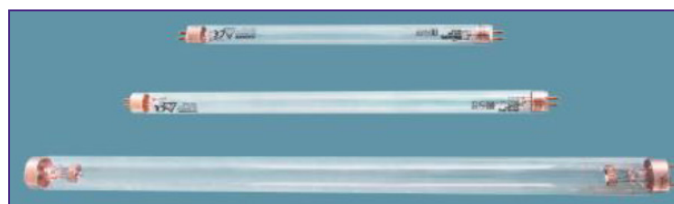
ZW T5/T6 UVC 4 pins lamps in double ends

Features

- Hot cathode electrodes, pre-heated start, the average life more than 8000 hours.
- Match with the same specification of fluorescent brackets and holders, or make different tube diameters and lamp holder, according to customer requirements.
- Ceramic lamp holder: anti-oxidation, anti-radiation.

Applications

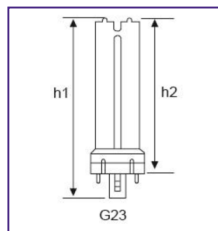
- Disinfection cabinet, microwave ovens, air conditioners, water treatment equipment, air purifiers and various small appliances.
- The disinfection for hospitals, schools, hotels, restaurants, house, air and surface of the house.



Model	Diameter, mm	Base length, mm	Wattage, W	Lamp voltage, V	Lamp current, mA	UV intensity (distance 1 m) $\mu\text{W}/\text{cm}^2$	Type code	Material
ZW4S12Y-Z135	12 (T4)	135	4	18...24	160	12	G5	Plastic
ZW4S15Y-Z135	15 (T5)	135	4	18...24	160	12	G5	Ceramic
ZW6S12Y-Z212	12 (T4)	212	6	36...48	160	18	G5	Plastic
ZW6S15Y-Z212	15 (T5)	212	6	36...48	160	18	G5	Ceramic
ZW8S12Y-Z288	12 (T4)	288	8	48...64	145	28	G5	Plastic
ZW8S15Y-Z288	15 (T5)	288	8	48...64	145	28	G5	Ceramic
ZW10S15Y-Z331	15 (T5)	331	10	55...70	220	30	G13	Ceramic
ZW15S15Y-Z437	15 (T5)	437	15	59...71	300	44	G13	Ceramic
ZW15S19Y-Z437	19 (T6)	437	15	59...71	300	44	G13	Ceramic
ZW20S15Y-Z589	15 (T5)	589	20	68...84	320	75	G13	Ceramic
ZW20S19Y-Z589	19 (T6)	589	20	71...91	320	75	G13	Ceramic
ZW30S15Y-Z894	15 (T5)	894	30	105...125	300	90	G13	Ceramic
ZW30S19Y-Z894	19 (T6)	894	30	105...125	300	90	G13	Ceramic
ZW30S25Y-Z894	25 (T8)	894	30	105...125	300	90	G13	Ceramic
ZW40S15Y-Z1199	15 (T5)	1199	40	110...130	330	110	G13	Ceramic
ZW40S19Y-Z1199	19 (T6)	1199	40	110...130	330	110	G13	Ceramic
ZW40S25Y-Z1199	25 (T8)	1199	40	110...130	330	110	G13	Ceramic

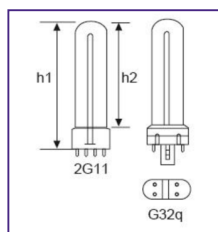
For example: ZW40S25Y-Z1199 means Ultraviolet lamp, 40W, double end (S), pipe diameter 25 mm, with ozone (Y), without ozone (W), straight pipe (Z), length 1199 mm.

H/U/PLL UV lamps



Model	Diameter, mm	Base length		Wattage, V	Lamp voltage, mA	Lamp current, mA	UV intensity (distance 1 m), $\mu\text{W}/\text{cm}^2$
		h1 (mm)	h2 (mm)				
TUV5D12Y-H85	12	107	85	5	30...40	180	14
TUV7D12Y-H115	12	137	115	7	42...52	175	16
TUV9D12Y-H145	12	167	145	9	54...64	170	23
TUV11D12Y-H215	12	237	215	11	81...99	155	38
TUV13D12Y-H164	12	186	164	13	48...62	300	40

For example: TUV13D12Y-H164 means Ultraviolet lamp, 13W, single end (D), pipe diameter 12 mm, with ozone (Y), without ozone (W), H pipe (H), length 164 mm.



Model	Diameter, mm	Base length		Wattage, V	Lamp voltage, mA	Lamp current, mA	UV intensity (distance 1 m), $\mu\text{W}/\text{cm}^2$
		h1 (mm)	h2 (mm)				
TUV18D17Y-H217	17	217	195	18	52...64	375	57
TUV24D17Y-H317	17	317	295	24	77...97	345	94
TUV36D17Y-H411	17	411	379	36	98...118	435	147
TUV40D17Y-H533	17	533	501	40*	130...150	385	155
TUV55D17Y-H533	17	533	501	55*	110...130	550	170

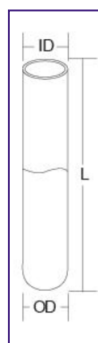
For example: TUV55D17Y-H533 means Ultraviolet lamp, 55W, single end (D), pipe diameter 17 mm, with ozone (Y), without ozone (W), H pipe (H), length 533mm.

* Remark: 40W and 50W must use with electronic ballast.

QT5 quartz tubes

Specifications

- High temperature resistant
- Good corrosion resistant
- Low thermal expansion coefficient
- Good electric insulation performance
- Long time to use
- High purity, silicon dioxide >99.99%
- Transmittance of light >90%



Model	Length, mm	Inner diameter, mm	Outer diameter, mm	Wall thickness, mm
QT5-D04	180	20	23	1.5
QT5-D06	240	20	23	1.5
QT5-D012	296	20	23	1.5
QT5-D016	360	20	23	1.5
QT5-D025	580	20	23	1.5
QT5-D030	900	20	23	1.5
QT5-D035	940	20	23	1.5
QT5-D055	940	20	23	1.5