ZenithPura

苏州新鼎汇环保科技有限公司

SUZHOU XINDINGHUI ENVIRONMENTAL PROTECTION TECHNOLOGY CO., LTD.

地址：江苏省苏州市相城区元和街道宣公路588号元和塘科技文化研发社区1号楼5楼550室

ADD: Room 550, 5th Floor, Building 1, Yuanhetang Science and Technology Culture R&D Community, No. 588 Xuangong Road, Yuanhe Street, Xiangcheng District, Suzhou City, Jiangsu Province

TEL: +86 13913135613　E-mail：sunny@zenithpura.com　www.zenithpura.com

◎UV Sterilizer (Philips UV Lamp Series)

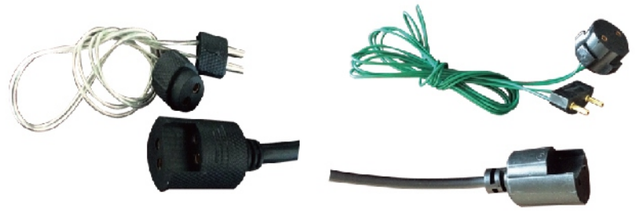


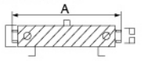










Model	SST5–6W	SST5–11W	SSQYT5–16W	SST8–25W	SST8–30W	SST8–55W
Housing material	#304/316	#304/316	#304/316	#304/316	#304/316	#304/316
ALL UV lamp(T5)power	6W	11W	16W	25W	30W	55W
Input voltage	110V/240V 50/60Hz	110V/240V 50/60Hz	110V/240V 50/60Hz	110V/240V 50/60Hz	110V/240V 50/60Hz	110V/240V 50/60Hz
UV lamp quantity	1	1	1	1	1	1
Water treatment capability	0.5GPM (0.1M³/Hr)	1GPM (0.2M³/Hr)	2GPM (0.4M³/Hr)	8GPM (1.8M³/Hr)	10GPM (2.3M³/Hr)	12GPM (2.7M³/Hr)
Water capacity	502cm³	502cm³	990cm³	2684cm³	2810cm³	2810cm³
Max operating pressure	10bar(145psi)	10bar(145psi)	10bar(145psi)	10bar(145psi)	10bar(145psi)	10bar(145psi)
Test pressure	15bar(218psi)	15bar(218psi)	15bar(218psi)	15bar(218psi)	15bar(218psi)	15bar(218psi)
Lamp failure alarm	Optional	Optional	Optional	Optional	Optional	Optional
Lamp life	8000Hrs	8000Hrs	8000Hrs	8000Hrs	8000Hrs	8000Hrs
Product size 	A 255mm	255mm	370mm	595mm	970mm	970mm
	B 63mm	63mm	300mm	475mm	920mm	920mm
	⌀ 50.8mm	50.8mm	63.5mm	63.5mm	63.5mm	63.5mm

ZenithPura 苏州新鼎汇环保科技有限公司 Suzhou Xindinghui Environmental Protection Technology Co., Ltd. | TEL:+86 13913135613 www.zenithpura.com

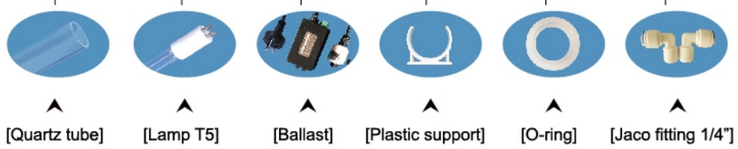
◎UV Sterilizer / UV Sterilizer with Grounding Wire





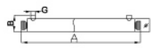






Note:
- Philips lamps are optional.
- Customization is acceptable.
- 316SS is optional.
- Internal mechanical or electrolytic polishing is optional for stainless steel tube.
- Single grounding wire

■ Ultraviolet (UV-C rays/253.7nm) water disinfection system is a unique and fast method of water sterilization to effectively destroy bacteria, viruses, molds and algae.

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	6W	12W	16W	25W	30W	35W	55W
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	0.5GPM (0.1M³/Hr)	1GPM (0.2M³/Hr)	2GPM (0.4M³/Hr)	6GPM (1.4M³/Hr)	8GPM (1.8M³/Hr)	10GPM (2.3M³/Hr)	12GPM (2.7M³/Hr)
Water capacity	421cm³	502cm³	990cm³	1687cm³	2684cm³	2810cm³	2810cm³
Max operating pressure	10bar(145psi)	10bar(145psi)	10bar(145psi)	10bar(145psi)	10bar(145psi)	10bar(145psi)	10bar(145psi)
Test pressure	15bar(218psi)	15bar(218psi)	15bar(218psi)	15bar(218psi)	15bar(218psi)	15bar(218psi)	15bar(218psi)
Lamp failure alarm	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Lamp life	8000Hrs	8000Hrs	8000Hrs	8000Hrs	8000Hrs	8000Hrs	8000Hrs
Product size 	A 255mm	315mm	370mm	590mm	910mm	955mm	955mm
	B 63mm	63mm	82mm	82mm	85mm	85mm	85mm
	G 1/4" female	1/4" female	1/2" male	1/2" male	3/4" male	3/4" male	3/4" male
	⌀ 50.8mm	50.8mm	63.5mm	63.5mm	63.5mm	63.5mm	63.5mm

◎UV Sterilizer In Large Power




[Quartz tube]


[Lamp T5]


[O-ring]

■ Ultraviolet (UV-C rays/253.7nm) water disinfection system is a unique and fast method of water sterilization to effectively destroy bacteria, viruses, molds and algae.

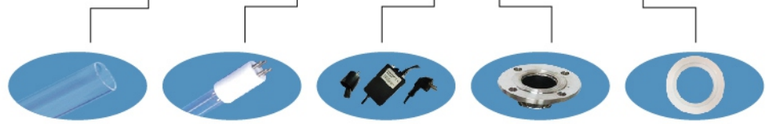
Model	Lamp quantity and Power	Total Power	Water treatment capability	Product size （mm）
YW-ZWX80-1	1*80W	80W	3-6T	900*89
YW-ZWX80-2	2*80W	160W	10-15T	900*108
YW-ZWX80-3	3*80W	240W	20-22T	900*133
YW-ZWX80-4	4*80W	320W	25-30T	900*133
YW-ZWX80-6	6*80W	480W	40-45T	900*168
YW-ZWX80-7	7*80W	560W	50-52T	900*219
YW-ZWX80-10	10*80W	800W	70-75T	900*273
YW-ZWX120-3	3*120W	360W	35-36T	1200*133
YW-ZWX120-4	4*120W	480W	45-48T	1200*133
YW-ZWX120-5	5*120W	600W	55-60T	1200*168
YW-ZWX120-6	6*120W	720W	70-72T	1200*219
YW-ZWX120-7	7*120W	840W	80-84T	1200*219
YW-ZWX120-8	8*120W	960W	95-96T	1200*219
YW-ZWX120-12	12*120W	1440W	140-144T	1200*273
YW-ZWX150-6	6*150W	900W	85-90T	1600*219
YW-ZWX150-7	7*150W	1050W	100-105T	1600*219
YW-ZWX150-8	8*150W	1200W	110-120T	1600*219
YW-ZWX150-9	9*150W	1350W	130-135T	1600*273
YW-ZWX150-10	10*150W	1500W	145-150T	1600*273
YW-ZWX150-11	11*150W	1650W	160-165T	1600*273
YW-ZWX150-12	12*150W	1800W	170-180T	1600*273
YW-ZWX150-13	13*150W	1950W	190-195T	1600*273
YW-ZWX150-14	14*150W	2100W	200-210T	1600*273

ZenithPura 苏州新鼎汇环保科技有限公司 Suzhou Xindinghui Environmental Protection Technology Co., Ltd. | TEL:+86 13913135613 www.zenithpura.com

◎UV Sterilizer In Large Power

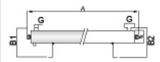




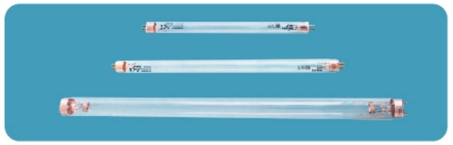
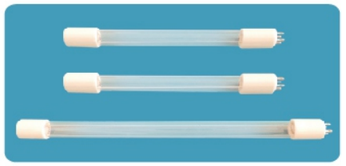
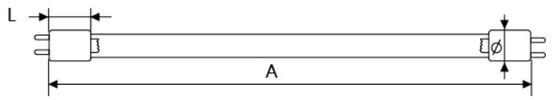

[Quartz tube] [Lamp T5] [Ballast] [Flange] [O-ring]


Automatic cleaning Function

■ Ultraviolet (UV-C rays/253.7nm) water disinfection system is a unique and fast method of water sterilization to effectively destroy bacteria, viruses, molds and algae.

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	110W	165W	220W	330W	440W	550W	660W
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	24GPM (5.5M³/Hr)	36GPM (8M³/Hr)	48GPM (11M³/Hr)	72GPM (16M³/Hr)	96GPM (22M³/Hr)	120GPM (30M³/Hr)	144GPM (35M³/Hr)
Water capacity	8130cm³	12330cm³	12330cm³	19674cm³	33739cm³	33739cm³	33739cm³
Max operating pressure	10bar(145psi)	10bar(145psi)	10bar(145psi)	10bar(145psi)	10bar(145psi)	10bar(145psi)	10bar(145psi)
Test pressure	15bar(218psi)	15bar(218psi)	15bar(218psi)	15bar(218psi)	15bar(218psi)	15bar(218psi)	15bar(218psi)
Lamp failure alarm	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Lamp life	8000Hrs	8000Hrs	8000Hrs	8000Hrs	8000Hrs	8000Hrs	8000Hrs
Product size 	A 955mm	955mm	955mm	955mm	955mm	955mm	955mm
	B1 250mm	283mm	283mm	380mm	430mm	430mm	430mm
	B2 270mm	305mm	305mm	380mm	470mm	470mm	430mm
	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)
	⌀ 108mm	133mm	133mm	168mm	220mm	220mm	273mm
Carton size/pcs	104*23*41cm/1pc	104*25*45cm/1pc	104*25*45cm/1pc	104*30*54cm/1pc	104*37*64cm/1pc	104*37*64cm/1pc	104*37*64cm/1pc
G.W.	8kgs	11kgs	11.5kgs	25kgs	27kgs	28kgs	29kgs

◎T5/T6 UVC LAMP 4 PINS IN SINGLE / DOUBLE-ENDS

>>> Technical data

Model	Diameter	Base facelength(mm)	Wattage	Lamp voltage	Lamp current	UV Intensity (Distance=1M)
	mm	mm	W	V	mA	μW/cm²
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

■ e.g. TUV75D15Y-Z1554: UV lamp 75W, Single ended(D), Dia.15mm, Ozone(Y) Non-ozone(W), Straight(Z), Length 1554mm

Model	Diameter	Base facelength(mm)	Wattage	Lamp voltage	Lamp current	UV Intensity (Distance=1M)	Type Code	Material
	mm	$h1^{+0}_{-2}$	W	V	mA	μW/cm²		
ZW4S12Y-Z135	12(T4)	135mm	4	18-24	160	12	G5	Plastic
ZW4S15Y-Z135	15(T5)	135mm	4	18-24	160	12	G5	Ceramic
ZW6S12Y-Z212	12(T4)	212mm	6	36-48	160	18	G5	Plastic
ZW6S15Y-Z212	15(T5)	212mm	6	36-48	160	18	G5	Ceramic
ZW8S12Y-Z288	12(T4)	288mm	8	48-64	145	28	G5	Plastic
ZW8S15Y-Z288	15(T5)	288mm	8	48-64	145	28	G5	Ceramic
ZW10S15Y-Z331	15(T5)	331mm	10	55-70	220	30	G13	Ceramic
ZW15S15Y-Z437	15(T5)	437mm	15	59-71	300	44	G13	Ceramic
ZW15S19Y-Z437	19(T6)	437mm	15	59-71	300	44	G13	Ceramic
ZW20S15Y-Z589	15(T5)	589mm	20	68-84	320	75	G13	Ceramic
ZW20S19Y-Z589	19(T6)	589mm	20	71-91	320	75	G13	Ceramic
ZW30S15Y-Z894	15(T5)	894mm	30	105-125	300	90	G13	Ceramic
ZW30S19Y-Z894	19(T6)	894mm	30	105-125	300	90	G13	Ceramic
ZW30S25Y-Z894	25(T8)	894mm	30	105-125	300	90	G13	Ceramic
ZW40S15Y-Z1199	15(T5)	1199mm	40	110-130	330	110	G13	Ceramic
ZW40S19Y-Z1199	19(T6)	1199mm	40	110-130	330	110	G13	Ceramic
ZW20S25Y-Z1199	25(T8)	1199mm	40	110-130	330	110	G13	Ceramic

■ e.g. ZW40S25Y-Z1199: UV lamp 40W, double ended(S), Dia.25mm, Ozone(Y) Non-ozone(W), Straight(Z), Length 1199mm

ZenithPura 苏州新鼎汇环保科技有限公司 Suzhou Xindinghui Environmental Protection Technology Co., Ltd. TEL:+86 13913135613 www.zenithpura.com

◎SPECIAL UV LAMP FOR WATER TREATMENT

Model	Diameter	Length	Wattage	Voltage	Current	UV Intensity (Distance=1M)	Life
TUVT5-4W	15	153	4	28	120	18	10000
TUVT5-6W	15	212	6	32	180	20	10000
TUVT5-12W	15	287	12	42	380	31	10000
TUVT5-16W	15	345	16	47	410	33	10000
TUVT5-25W	15	565	25	74	425	77	10000
TUVT5-30W	15	885	30	82	425	85	10000
TUVT5-35W	15	925	35	98	490	102	10000
TUVT5-40W	15	851	40	110	425	130	10000
TUVT5-55W	15	925	55	120	512	145	10000
TUVT5-75W	15	1554	75	190	200	200	10000

◎Water disinfection integrated UV lamp



1.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.

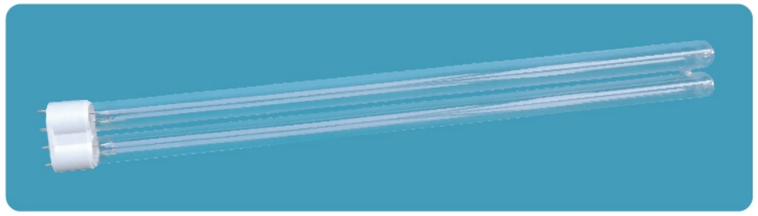
2.Application area

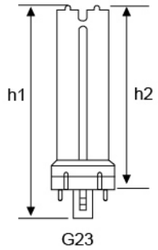
Applied in water treatment,such as fishpond and aquarium disinfection.

>>> Technical data

Model	Power(W)	Total Length(mm)	Wire Length(mm)	Lamp Life(hours)	Water Pressure(bar)
UV-6W-Z215	6	275	1.0	8000	8
UV-12W-Z287	12	341	1.0	8000	8
UV-16W-Z345	16	395	1.0	8000	8
UV-25W-Z656	25	615	1.0	8000	8
UV-30W-Z885	30	935	1.0	8000	8
UV-35W-Z925	35	975	1.0	8000	8
UV-40W-Z842	40	975	1.0	8000	8
UV-55W-Z925	55	975	1.0	8000	8
UV-120W-Z1149	120	1229	1.0	8000	8
UV-150W-Z1554	150	1634	1.0	8000	8
UV-250W-Z1554	250	1634	1.0	8000	8
UV-320W-Z1554	320	1634	1.0	8000	8

◎H/U/PLL UV Lamps



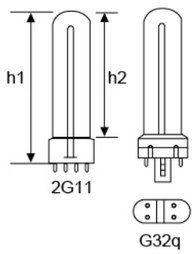


Technical data

Model	Diameter	Base facelength(mm)		Wattage	Lamp voltage	Lamp current	UV Intensity (Distance=1M)
	mm	h1	h2	W	V	mA	μW/cm²
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

■ e.g. TUV13D12Y-H164，13W，Single ended(D)，Dia.12mm，Ozne(Y) Non-ozone(W)，H shape (H)，Length 164mm





Technical data

Model	Diameter	Base facelength(mm)		Wattage	Lamp voltage	Lamp current	UV Intensity (Distance=1M)
	mm	h1	h2	W	V	mA	μW/cm²
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

■ e.g. TUV55D17Y-H533：UV lamp，55W，Single ended（D），Dia.17mm，Ozone(Y) Non-ozone(W)，H shape（H），Length 533mm。

Note：40W、55W match Electronic ballast only.

ZenithPura 苏州新鼎汇环保科技有限公司 Suzhou Xindinghui Environmental Protection Technology Co., Ltd. TEL:+86 13913135613 www.zenithpura.com

◎Quartz Tube

Quartz Tube is a special industrial technology glass tube made by Sio_2,has good physical and chemical properties.It can stop the spectrum transmission less than 220 nm and prevent radiation of high-density UV rays but generate no ozone,UV transmission at 253.7nm is more than 90%, which can sterilize effectively.



Specifications

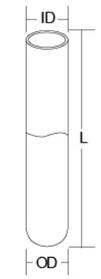
High temperature resistant
Good corrosion resistant
Low thermal expansion coefficient
Good electric insulation performance
Long time to use
High purity,Silicon Dioxide＞99.99%
Transmittance of light＞90%

Chemical composition(ppm)

Al	Fe	K	Na	Li	Ca	Mg	Cu	Mn	Pb	B	Cr	OH
25	1. 5	2. 5	2. 5	0. 6	2. 3	0. 5	0. 1	0. 5	0. 01	0. 2	0. 1	＜10

Physical Properties

(g/cm³) Density	2. 2	Annealing point	1180
(cm/cm°C) Coefficient of expansion	0. 56	Strain point	1070
Softening point	1730	Moh's hardness	7

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

◎Electronic Ballast, UV Lamp Ballast



Specifications

1.Electronic Ballast for UV lamps 4W-150W, 120V/230V, 50/60Hz
2.High power factor, low THD
3.CE，UL Certificate
4.1 year warranty
5. Customized design is available. OEM&ODM are welcomed.

Technical data

Model	lamp type T5 4PIN	Input Voltage (V)	Input Current (A)	Power Factor	Mini Start Temp (° F/° C)
YTG01-4W	4W UVC	220V/120V	0.030	⩾0.95	0/-18
YTG01-6W	6W UVC	220V/120V	0.045	⩾0.95	0/-18
YTG01-12W	12W UVC	220V/120V	0.091	⩾0.95	0/-18
YTG01-16W	16W UVC	220V/120V	0.121	⩾0.95	0/-18
YTG01-25W	25W UVC	220V/120V	0.189	⩾0.95	0/-18
YTG01-30W	30W UVC	220V/120V	0.227	⩾0.95	0/-18
YTG01-35W	35W UVC	220V/120V	0.265	⩾0.95	0/-18
YTG01-55W	55W UVC	220V/120V	0.417	⩾0.95	0/-18

ZenithPura 苏州新鼎汇环保科技有限公司 Suzhou Xindinghui Environmental Protection Technology Co., Ltd. TEL:+86 13913135613 www.zenithpura.com

◎Electronic Ballast with Grounding Wire

















Specifications

1.Electronic Ballast for UV lamps 4W-55W, 120V/230V, 50/60Hz
2.High power factor, low THD
3.CE，UL Certificate
4.Light and sound alarm when uv lamp is not working normally
5.2 year warranty
6. Customized design is available. OEM&ODM are welcomed.
7.Connect Timer,output voltage:DC 5V

Technical data

Model	T5 UV Lamp	Input Voltage (V)	Input Current (A)	Power Factor	Mini Start Temp (° F/° C)
YTG01 4-55W	4W-55W	220V/120V	0.03/0.764	⩾0.95	0/-18