

H2O.AQUARIUM[®]

TECHNICAL DATA SHEET



KEEPING AQUARIUM WATER CLEAN AND CLEAR WITHOUT CHEMICALS

TiO₂ REACTORS



H2O.AQUARIUM, titanium dioxide reactors for use in home aquariums up to 12.000 litres of capacity. Keeps the water clean and clear with fewer renewals.



H2O.AQUARIUM[®]



AOP 300 AQUA



AOP 600 AQUA



AOP 1800 AQUA



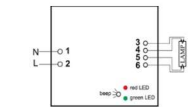
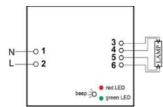
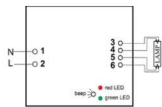
TiO2 REACTOR

1	Dimensions	L: 246 mm Ø: 45 mm	L: 473 mm Ø: 76 mm	L: 883 mm Ø: 60 mm
2	Aquarium capacity	Up to 300 liters	From 300 to 600 liters	From 600 to 1800 liters
3	Flow water	500 l/h	1000 l/h	3000 l/h
4	Maximum pressure	8 bar	8 bar	8 bar
5	In Out connections	G 1/2"	G 3/4"	G 1"
6	UV lamp	15 W	24 W	80 W
7	Quartz sleeve	20X22X235 mm	25X28X460 mm	25X28X895 mm
8	Number of lamps and quartz sleeves	1 and 1	1 and 1	1 and 1
7	IP	21	21	21

HERMETIC BALLAST



1	Voltage	110 or 220 V	110 or 220 V	110 or 220 V
2	Efficiency	>90%	>90%	>90%
3	Operation Frequency	40-60 Hz	40-60 Hz	40-60 Hz
4	Dimensions	105x60x30 mm	105x60x30 mm	204x70x45 mm
5	LED Lamp Status	Green LED: lamp on Red LED: lamp failure Buzzer function lamp failure.	Green LED: lamp on Red LED: lamp failure Buzzer function lamp failure.	Green LED: lamp on Red LED: lamp failure Buzzer function lamp failure.
6	Installation restrictions	Do not connect to the network before installing or maintenance period. ·Do not cut or damage the cables input or output .	Do not connect to the network before installing or maintenance period. ·Do not cut or damage the cables input or output .	Do not connect to the network before installing or maintenance period. ·Do not cut or damage the cables input or output .
7	Characteristics	Starting: Pre-heating	Starting: Pre-heating	Starting: Pre-heating
8	Number of ballasts	1	1	1
9	Power consumption	20 W	30 W	110 W
10	IP	65	65	65



AOP 3000 AQUA

AOP 6000 AQUA

AOP 012k AQUA



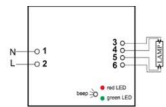
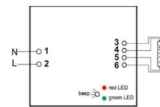
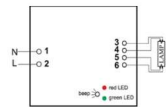
TiO2 REACTOR

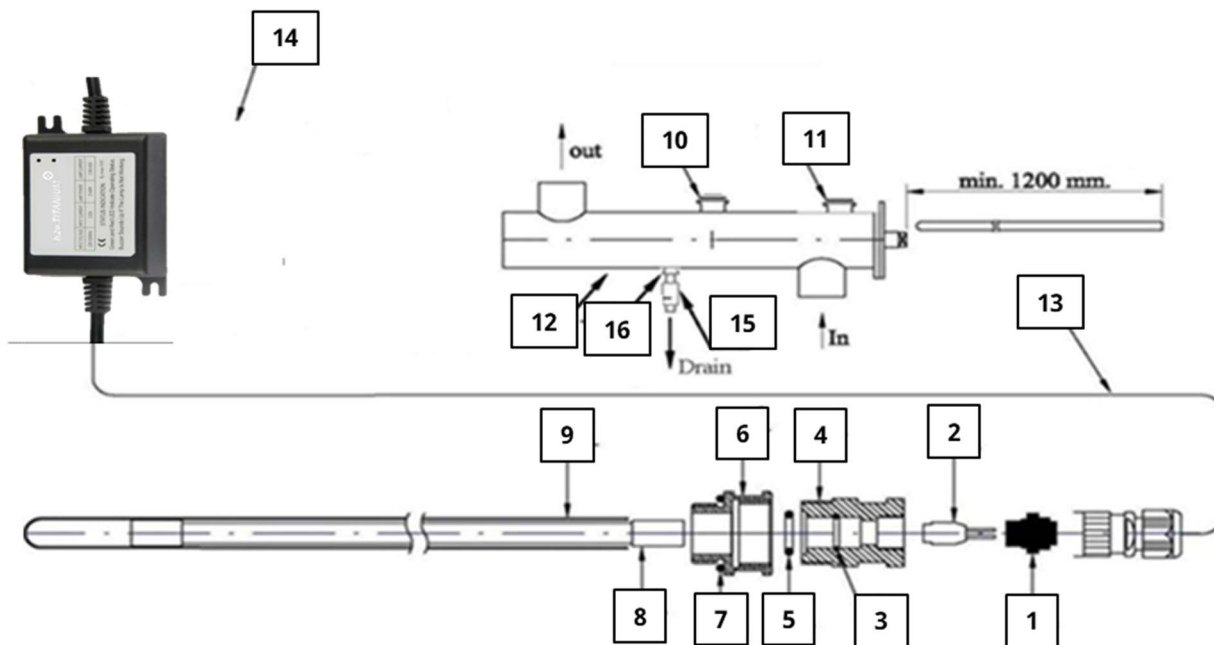
1	Dimensions	L: 894 mm Ø: 76 mm	L: 891 mm Ø: 120 mm	L: 956 mm Ø: 160 mm
2	Aquarium capacity	From 1800 to 3000 liters	From 3000 to 6000 liters	From 6000 to 12000 liters
3	Flow water	5000 l/h	10000 l/h	20000 l/h
4	Maximum pressure	8 bar	8 bar	8 bar
5	In Out connections	G 1 1/2"	G 2"	DN100
6	UV lamp	80 W	80 W	80 W
7	Quartz sleeve	25X28X895 mm	25X28X895 mm	25X28X895 mm
8	Number of lamps and quartz sleeves	1 and 1	2 and 2	4 and 4
7	IP	21	21	21

HERMETIC BALLAST



1	Voltage	110 or 220 V	110 or 220 V	110 or 220 V
2	Efficiency	>90%	>90%	>90%
3	Operation Frequency	40-60 Hz	40-60 Hz	40-60 Hz
4	Dimensions	204x70x45 mm	352x252x142 mm	456x356x162 mm
5	LED Lamp Status	Green LED: lamp on Red LED: lamp failure Buzzer function lamp failure.	Green LED: lamp on Red LED: lamp failure Buzzer function lamp failure.	Green LED: lamp on Red LED: lamp failure Buzzer function lamp failure.
6	Installation restrictions	Do not connect to the network before installing or maintenance period. ·Do not cut or damage the cables input or output .	Do not connect to the network before installing or maintenance period. ·Do not cut or damage the cables input or output .	Do not connect to the network before installing or maintenance period. ·Do not cut or damage the cables input or output .
7	Characteristics	Starting: Pre-heating	Starting: Pre-heating	Starting: Pre-heating
8	Number of ballasts	1	2	4
9	Power consumption	110 W	200 W	385 W
10	IP	65	65	65





N° No	Descripción Description	N° No	Descripción Description
1,2	4 pins connector	9	Quartz sleeve
3	Inside o ring holder-quartz sleeve	10,11	Free hole to install any system
4	POM-C holder of sleeve	12	h2o.TITANIUM reactor
5	Outside o ring holder	13	UV lamp wire with connector
6	Converter	14	Hermetic ballast
7	O ring converter	15	Plug
8	UV lamp	16	M/M threaded nipple



With the exception of the AOP 300 AQUA and AOP 600 AQUA models, all reactors of the same series use the same spare parts regardless of the model.

1	Hermetic ballast	SPS013H024	1	SPS013H024	1	SPS014H080	1
2	Lamp connector	SPS025CONC	1	SPS025CONC	1	SPS026CONL	1
3	Bushing POM-C	SPS021CM22	1	SPS022CM28	1	SPS022CM28	1
4	Quartz sleeve	SPS033C235	1	SPS034C460	1	SPS035C895	1
5	UV lamp	SPS029L015	1	SPS030L024	1	SPS031L080	1
6	Titanium converter	SPS027CT22	1	SPS028CT28	1	SPS028CT28	1
7	Titanium dioxide reactor	HTR0010500	1	HTR0021000	1	HTR0040003	1
8	Gloves (pair)	SPS079GUAN	1	SPS079GUAN	1	SPS079GUAN	1
9	User's Manual		1		1		1
10	Control Quality Documents		1		1		1
11	Guaranty Document		1		1		1
12	Check list		1		1		1



H2O.AQUARIUM

MODEL

AOP 3000 AQUA

AOP 6000 AQUA

AOP 012K AQUA

NUMBER DESCRIPTION

PART NUMBER

PIECES

PART NUMBER

PIECES

PART NUMBER

PIECES

1	Hermetic ballast	SPS014H080	1	SPS014H080	2	SPS014H080	4
2	Lamp connector	SPS026CONL	1	SPS026CONL	2	SPS026CONL	4
3	Bushing POM-C	SPS022CM28	1	SPS022CM28	2	SPS022CM28	4
4	Quartz sleeve	SPS035C895	1	SPS035C895	2	SPS035C895	4
5	UV lamp	SPS031L080	1	SPS031L080	2	SPS031L080	4
6	Titanium converter	SPS028CT28	1	SPS028CT28	2	SPS028CT28	4
7	Titanium dioxide reactor	HTR0050005	1	HTR0060010	1	HTR0070020	1
8	Gloves (pair)	SPS079GUAN	1	SPS079GUAN	1	SPS079GUAN	1
9	User's Manual		1		1		1
10	Control Quality Documents		1		1		1
11	Guaranty Document		1		1		1
12	Check list		1		1		1



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The easiest way to enjoy your dream aquarium

www.h2oaquarium.com