



Residential and Commercial UV Sterilization

Hydrosphere Scientific Ultraviolet Systems have a sleek, compact design and provide cost effective ultraviolet water sterilization for low to medium flow applications. Hydrosphere Scientific UVs are perfect for residential and light commercial reverse osmosis systems, water vending machines, food industry, laboratory, final electronic component rinsing and recirculation loops, just to name a few.

Hydrosphere Scientific Ultraviolet Systems produce little change in water temperature even after prolonged periods of no water flow, making them ideal for many application requirements.

SCIENTIFIC ULTRAVIOLET STERILIZATION SERIES

PART NUMBER	GPM	RATED LIFE (HRS)	LAMP WATTS	VOLTAGE @ 50/60 Hz	VISUAL WARNING	AUDIBLE WARNING	# OF LAMPS	PORT SIZE I/O	WATER CHAMBER	TIMER	LENGTH	WIDTH	MAX. PSI	WORKING TEMP.	WAVE LENGTH	MICROJOULES
HUVA-1C	1	9000	10W	110V/220V	LED	BUZZER	1	1/4" MNPT	STAINLESS 304	-	10.47"	2"	125 PSI	35°-104°	254 NM	30mj/cm ²
HUVA-2C	2	9000	14W	110V/220V	LED	BUZZER	1	1/4" MNPT	STAINLESS 304	-	13.74"	2.5"	125 PSI	35°-104°	254 NM	30mj/cm ²
HUVA-4C	4	9000	17W	110V/220V	LED	BUZZER	1	1/2" MNPT	STAINLESS 304	-	15.50"	2.5"	125 PSI	35°-104°	254 NM	30mj/cm ²
HUVA-6C	6	9000	24W	110V/220V	LED	INDICATOR W/ ALARM	1	1/2" MNPT	STAINLESS 304	-	23.23"	2.5"	125 PSI	35°-104°	254 NM	30mj/cm ²
HUVA-8C	8	9000	32W	110V/220V	LED	INDICATOR W/ ALARM	1	3/4" MNPT	STAINLESS 304	-	27.87"	2.5"	125 PSI	35°-104°	254 NM	30mj/cm ²
HUVA-12C	12	9000	39W	110V/220V	LED	INDICATOR W/ ALARM	1	3/4" MNPT	STAINLESS 304	-	36.81"	2.5"	125 PSI	35°-104°	254 NM	30mj/cm ²
HUVA-24B	24	9000	39W	110V/220V	LED	INDICATOR W/ ALARM	2	1" MNPT	STAINLESS 304	✓	36.93"	3.5"	125 PSI	35°-104°	254 NM	30mj/cm ²
HUVA-36B	36	9000	39W	110V/220V	LED	INDICATOR W/ ALARM	3	1.5" MNPT	STAINLESS 304	✓	36.93"	5.5"	125 PSI	35°-104°	254 NM	30mj/cm ²
HUVA-50B	50	9000	39W	110V/220V	LED	INDICATOR W/ ALARM	4	1.5" MNPT	STAINLESS 304	✓	36.93"	5.5"	125 PSI	35°-104°	254 NM	30mj/cm ²
HUVA-60B	60	9000	39W	110V/220V	LED	INDICATOR W/ ALARM	5	2 OR 2.5" FLANGE	STAINLESS 304	✓	36.93"	5.5"	125 PSI	35°-104°	254 NM	30mj/cm ²
HUVA-80B	80	9000	39W	110V/220V	LED	INDICATOR W/ ALARM	6	2 OR 2.5" FLANGE	STAINLESS 304	✓	36.93"	6.26"	125 PSI	35°-104°	254 NM	30mj/cm ²
HUVA-100B	100	9000	39W	110V/220V	LED	INDICATOR W/ ALARM	8	2 OR 2.5" FLANGE	STAINLESS 304	✓	36.93"	8.62"	125 PSI	35°-104°	254 NM	30mj/cm ²
HUVA-150B	150	9000	87W	110V/220V	LED	INDICATOR W/ ALARM	6	2 OR 2.5" FLANGE	STAINLESS 304	✓	36.93"	8.62"	125 PSI	35°-104°	254 NM	30mj/cm ²
HUVA-200B	200	9000	87W	110V/220V	LED	INDICATOR W/ ALARM	8	2 OR 2.5" FLANGE	STAINLESS 304	✓	36.93"	8.62"	125 PSI	35°-104°	254 NM	30mj/cm ²

5-YEAR LIMITED WARRANTY

FOR HYDROSPHERE ULTRAVIOLET UV CHAMBER

HYDROSPHERE Ultraviolet warrants the UV chamber on the HYDROSPHERE Ultraviolet product to be free from defects in material and workmanship for a period of five (5) years from the date of purchase. During this time, we will repair or replace, at its option, any defective HYDROSPHERE Ultraviolet chamber. Please return the defective part to the HYDROSPHERE Ultraviolet dealer you purchased your system from, who will return it to HYDROSPHERE Ultraviolet. Either we will make the necessary repairs or, if it is determined that a replacement is required, we will provide a replacement part. We will then return the part to the dealer. This warranty does not include shipping and handling charges, which will be collected from you by the dealer. Parts repaired or replaced under this five (5) year warranty will be covered under warranty to the end of the original five (5) year warranty period. This warranty is also subject to the conditions and limitations outlined under the heading "General Conditions and Limitations" below.

ONE-YEAR LIMITED PRO-RATED WARRANTY

FOR STRUCTURAL, HARDWARE AND ELECTRICAL COMPONENTS

HYDROSPHERE Ultraviolet warrants the structural, hardware, and electrical components to be free from defects in material and workmanship for a period of one (1) year pro-rated from the date of purchase. During this time, we will repair or replace, at its option, any defective parts covered by the warranty. Defective part(s) should be returned to a HYDROSPHERE Ultraviolet dealer, who will return it to HYDROSPHERE Ultraviolet. Either we will make the necessary repairs or, if it is determined that a replacement is required, we will provide a replacement part. We will then return the part to the dealer. This warranty does not include shipping and handling charges, which will be collected from you by the dealer. Parts repaired or replaced under this one (1) year pro-rated warranty will be covered under warranty to the end of the original one (1) year pro-rated warranty period. This warranty is also subject to the conditions and limitations outlined under the heading "General Conditions and Limitations" below.

ONE-YEAR LIMITED WARRANTY FOR LAMPS, SLEEVES AND UV SENSORS HYDROSPHERE Ultraviolet warrants original lamps, sleeves and UV sensors to be free from defects in material and workmanship for a period of one (1) year from the date of purchase. During this time, we will repair or replace, at its option, any defective parts covered by the warranty. The warranty period for lamps and sleeves may be verified using date codes in addition to purchase receipts and HYDROSPHERE Ultraviolet's database of serial number sales date. We will advise you whether the defective item needs to be returned to the HYDROSPHERE Ultraviolet dealer you purchased the equipment from for failure analysis. Replacement lamps and sleeves provided under warranty will be sent to your HYDROSPHERE Ultraviolet dealer. If the UV sensor experiences a problem, which HYDROSPHERE Ultraviolet confirms, is covered by warranty, please return the sensor to a HYDROSPHERE Ultraviolet dealer you purchased the equipment from who will return it to us. We will either repair or replace the sensor and return the sensor to your dealer. This warranty on lamps, sleeves and sensors does not include shipping and handling charges, which will be collected from you by the dealer. Parts replaced under this one (1) year warranty will be covered under warranty to the end of the original one (1) year warranty period. Warranty does not cover labor for removal, replacement or repair. This warranty is also subject to the conditions and limitations outlined under the heading "General Conditions and Limitations" below.

GENERAL CONDITIONS AND LIMITATIONS

None of the above warranties cover damage caused by improper use or maintenance, accidents, acts of God or minor scratches or imperfections that do not materially impair the operation of the product. The warranties also do not cover products that are not installed as outlined in the applicable Owner's Manual. HYDROSPHERE Ultraviolet System warranty will be deemed null and void if any of the product labels are removed, including the pressure sensitive hologram serial number. The limited warranties described above are the only warranties applicable to the HYDROSPHERE Ultraviolet "General Conditions and Limitations" below.

ONE-YEAR LIMITED WARRANTY FOR LAMPS, SLEEVES AND UV SENSORS HYDROSPHERE Ultraviolet warrants original lamps, sleeves and UV sensors to be free from defects in material and workmanship for a period of one (1) year from the date of purchase. During this time, we will repair or replace, at its option, any defective parts covered by the warranty. The warranty period for lamps and sleeves may be verified using date codes in addition to purchase receipts and HYDROSPHERE Ultraviolet's database of serial number sales date. We will advise you whether the defective item needs to be returned to the HYDROSPHERE Ultraviolet dealer you purchased the equipment from for failure analysis. Replacement lamps and sleeves provided under warranty will be sent to your HYDROSPHERE Ultraviolet dealer. If the UV sensor experiences a problem, which HYDROSPHERE Ultraviolet confirms, is covered by warranty, please return the sensor to a HYDROSPHERE Ultraviolet dealer you purchased the equipment from who will return it to us. We will either repair or replace the sensor and return the sensor to your dealer. This warranty on lamps, sleeves and sensors does not include shipping and handling charges, which will be collected from you by the dealer. Parts replaced under this one (1) year warranty will be covered under warranty to the end of the original one (1) year warranty period. This warranty is also subject to the conditions and limitations outlined under the heading "General Conditions and Limitations" below.

GENERAL CONDITIONS AND LIMITATIONS

None of the above warranties cover damage caused by improper use or maintenance, accidents, acts of God or minor scratches or imperfections that do not materially impair the operation of the product. The warranties also do not cover products that are not installed as outlined in the applicable Owner's Manual. HYDROSPHERE Ultraviolet System warranty will be deemed null and void if any of the product labels are removed, including the pressure sensitive hologram serial number. The limited warranties described above are the only warranties applicable to the HYDROSPHERE Ultraviolet and the purchaser.

MJB 1/17/18



HUVA-NUT-1
Aluminum Long Nut
for Wire Connection
for Models HUVA-1C - HUVA-200B



HUVA-NUT-2
Aluminum Short Nut
with End Plug
for Models HUVA-4C - HUVA-200B



HUVA-PLUG
Plastic Plug for Nuts
for Models
HUVA-4C - HUVA-200B



HUVA-SEAL
Seal for Sleeve and Nut
for Models
HUVA-1C - HUVA-200B



HUVA-WASHER
Washer for Sleeve and Nut
for Models
HUVA-1C - HUVA-200B



HUVA-SEAL
Counter/Timer
for Models
HUVA-24B - HUVA-200B



HUV-SPRING
Stainless Steel Spring
for Model
HUVA-8C



HUV-3SPRING
Stainless Steel Spring
for Models
HUVA-12C - HUVA-200B



HBEB-1024
Ballast for
10W-17W 110V/220V
for Models HUVA-1C - HUVA-4C



HBEB-2439
Ballast for
24W-39W 110V/220V
for Models HUVA-6C - HUVA-12C



HZE2-2439
Ballast for
24W-39W 110V/220V
for Models HUVA-24B - HUVA-100B



HZE2-5515
Ballast for
87W 110V/220V
for Models HUVA-150B - HUVA-100B

Product Ratings



Warranty Information

- Limited 5-year warranty on stainless steel housing
- Limited 1-year warranty on electronics

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