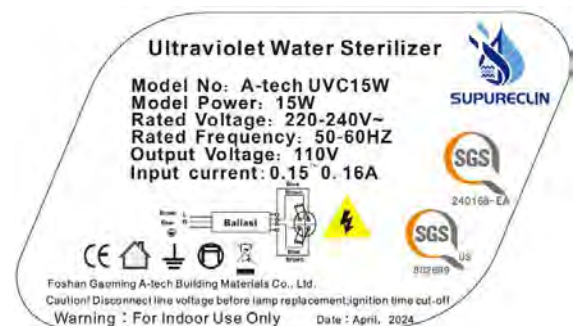
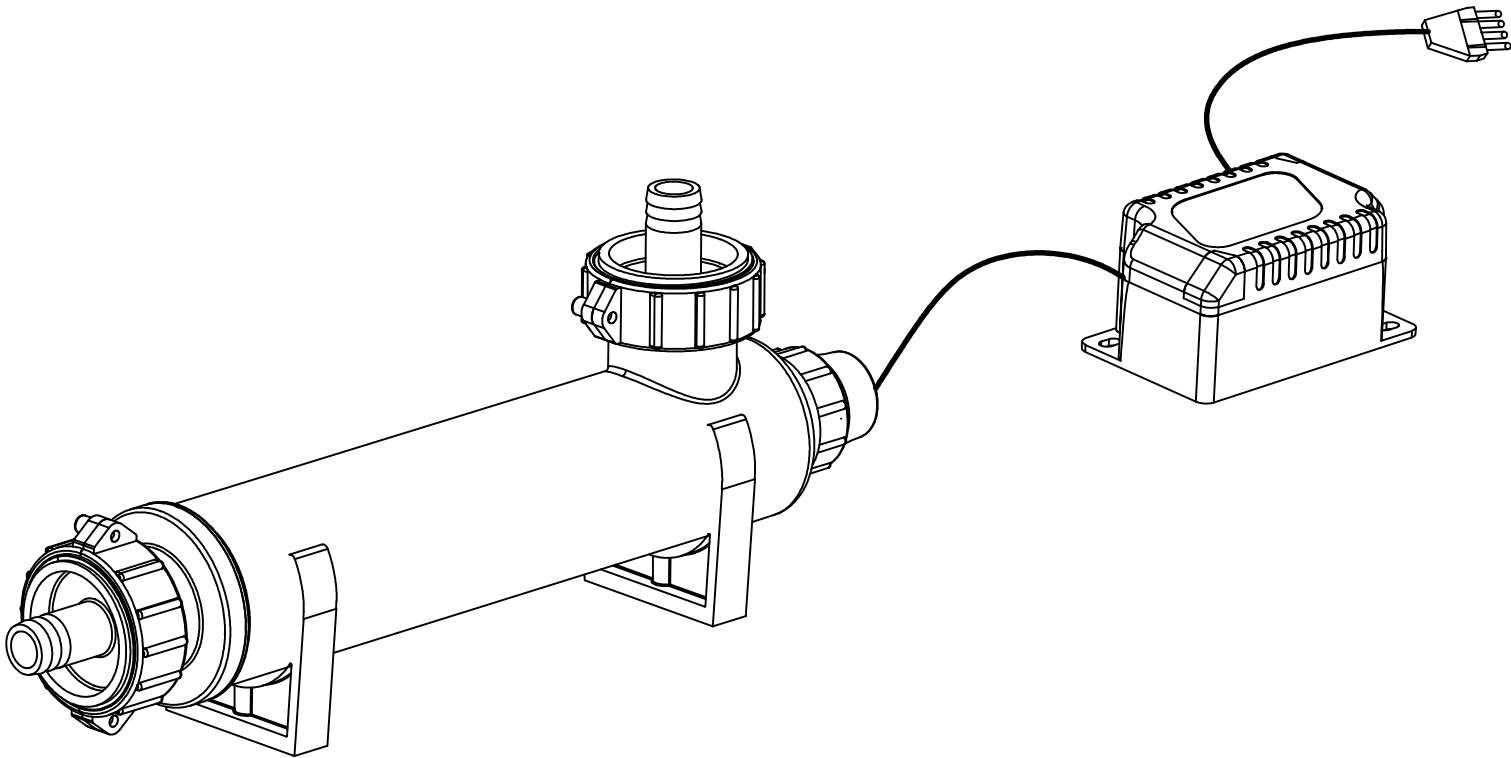


Ultraviolet Water Sterilizer OPERATING INSTRUCTIONS

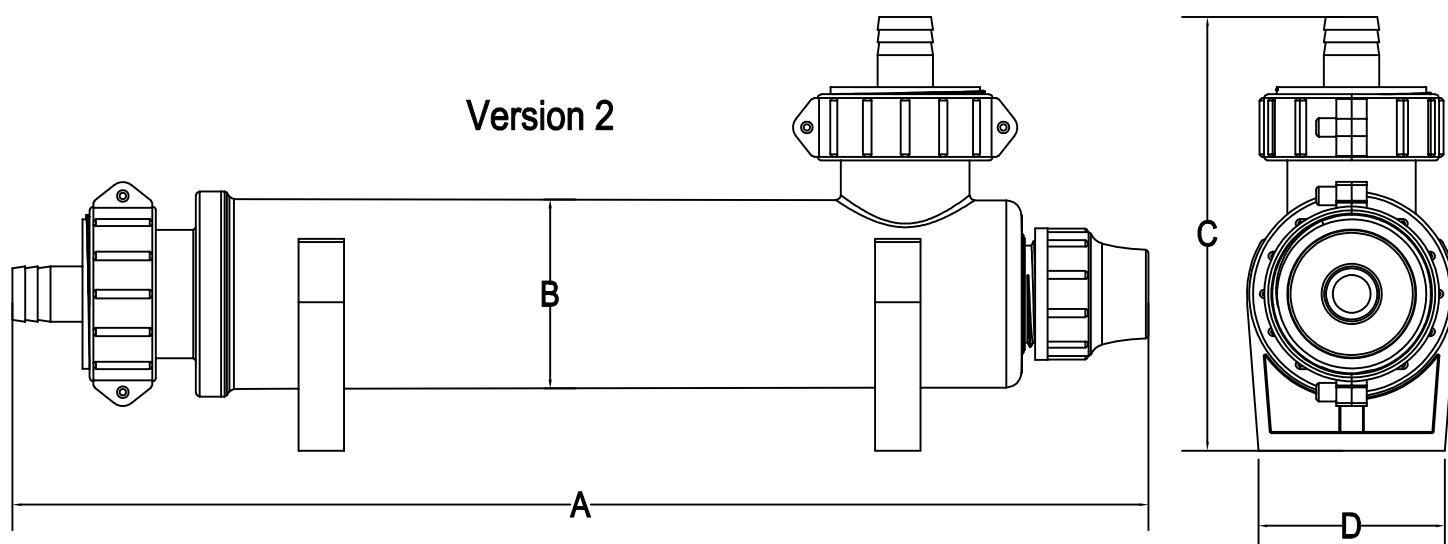


SUPURECLIN

Version 2

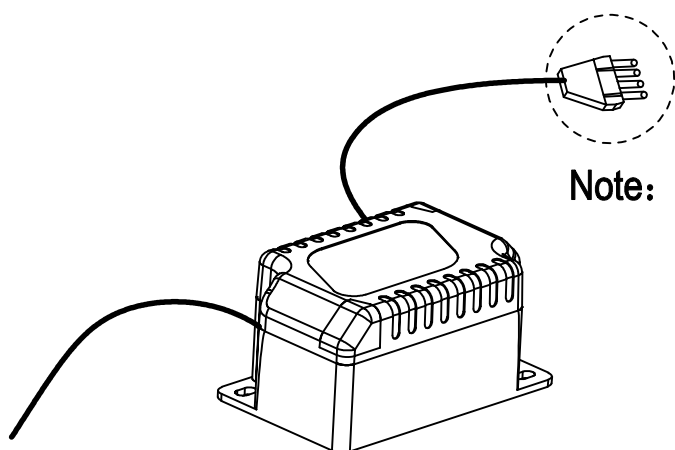


Ultraviolet Water Sterilizer



Note: line cord and lamp lend wire omitted for clarity

Model	A	B	C	D	Inlet&Outlet side
Version 2	450	75	172	74	1.5" Female Port & 3/4" Barb Connector



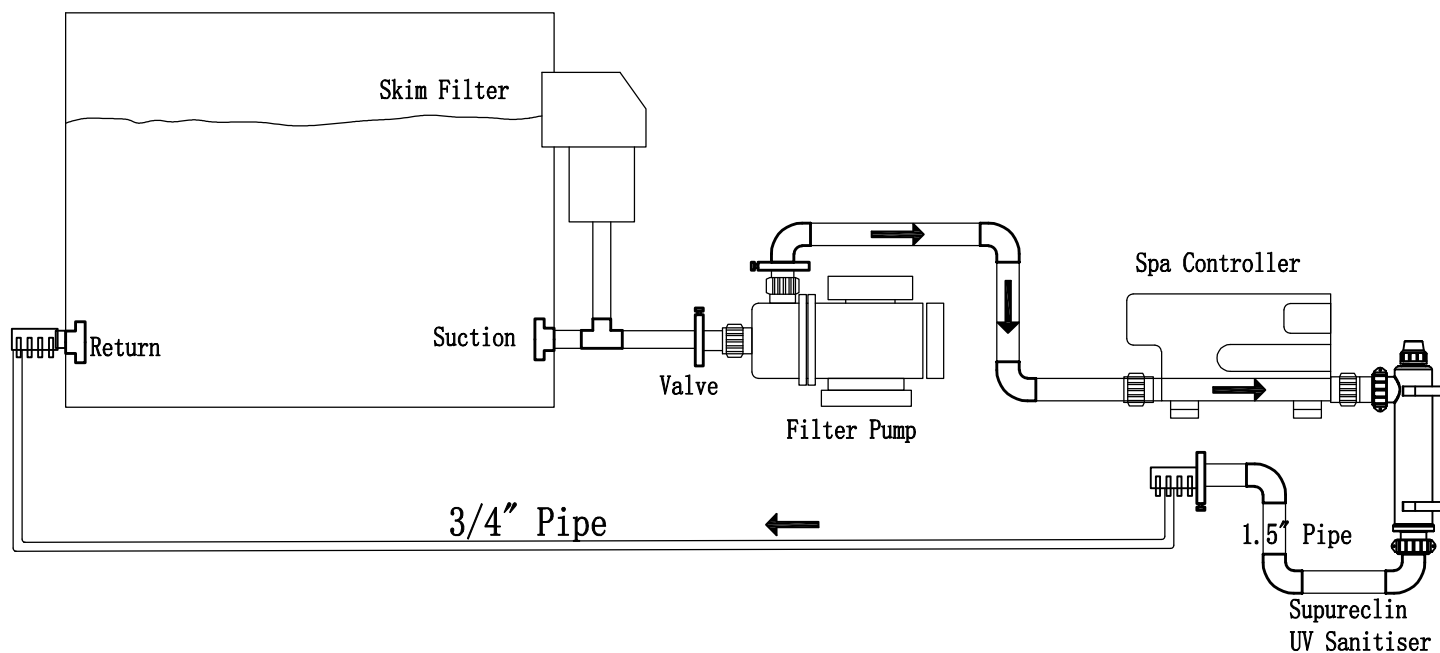
Note: The transformer cable plug should be plug into the Ozone/UV AMP socket in the spa controller



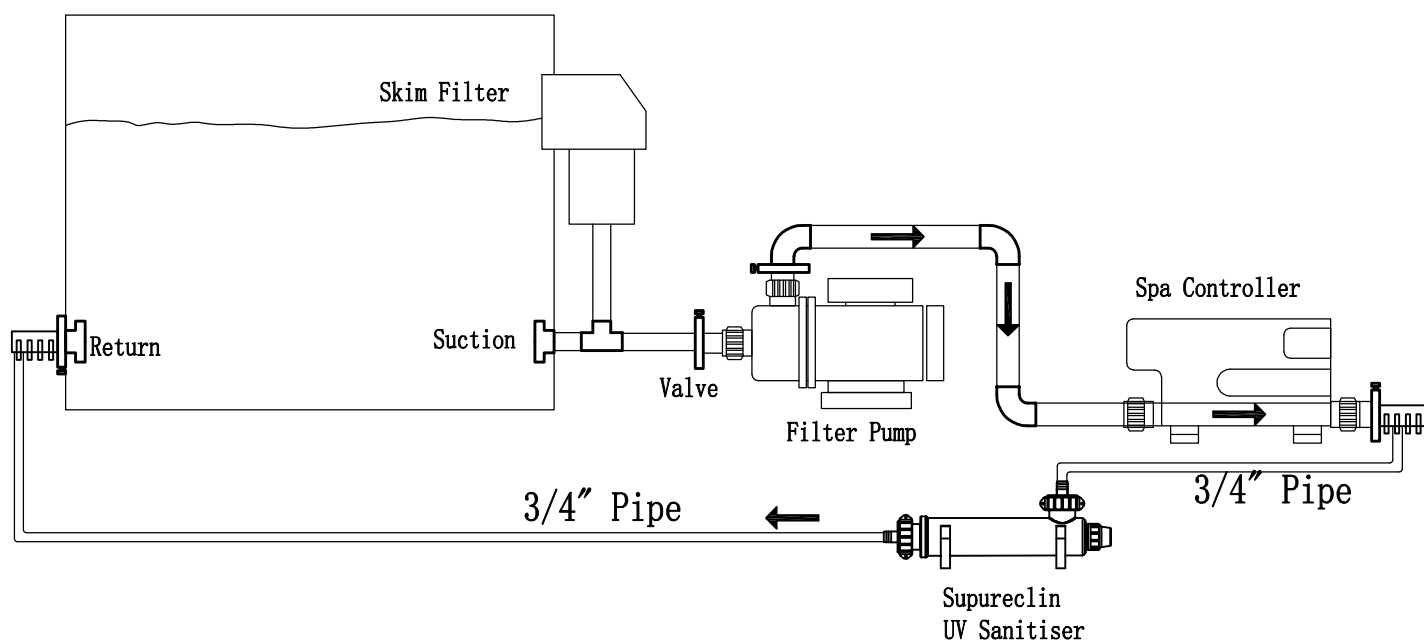
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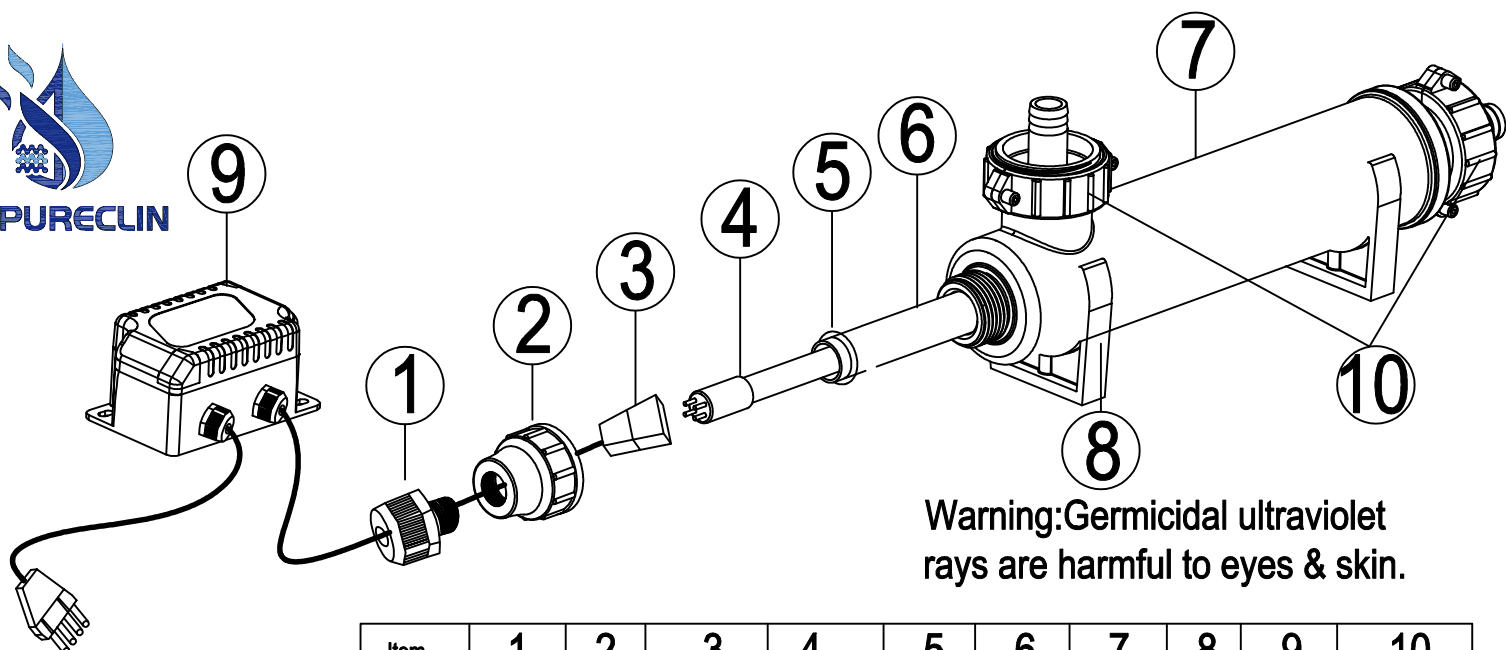
Installation:

1.5" Water joint



3/4" Water joint





Warning: Germicidal ultraviolet rays are harmful to eyes & skin.

Item	1	2	3	4	5	6	7	8	9	10
Description	cable waterproof PG holder	Nut	Lamp Socket & Lead Wire	Germicidal Ultraviolet lamp	Rubber O-Ring	Quartz Thimble	Chamber	Clip	transformer	Quick Connection Kit

Installation:

Note: Avoid touching the sides of the quartz thimble and lamp, handle by the ends only. Ultraviolet lamp and quartz thimble are easily damaged. Pay attention when removing or replacing lamp and quartz thimble.

- Remove the nut (2).
- Slide carefully the quartz thimble (6) from one end to another end of the chamber.
- Slide the O-ring (5) on the open ends of quartz thimble.
- Tighten the nut (2) hand tight.
- Slide the lamp (4) into the quartz thimble.
- Connect the lamp to the lamp socket.
- Screw the nut on the chamber, then screw cable waterproof PG holder (1) on the nut (2).

- Turn on the water and inspect for leaks. Repair if necessary.
- Plug the transformer into an electrical outlet. An electrical outlet protected by a Ground Fault Interrupt (GFI) circuit is recommended.

3. Run water through the chamber for 5-10 minutes prior to use.

4. Precautions for product use

The transformer shall be used together with the lamp of nominal power;

When the transformer works, the instantaneous voltage at the output end (to the lamp end) is up to 1KV. Please cut off the power supply when maintaining and replacing bulbs;

The transformer can work stably for a long time within the specified voltage range. Do not try to work beyond this voltage range;

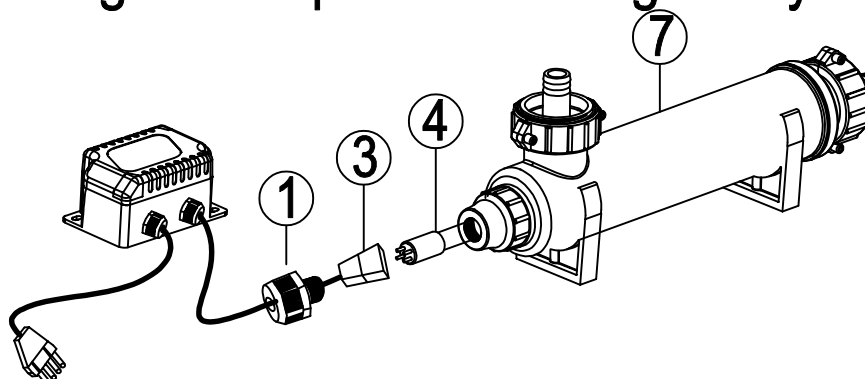
The ambient temperature of the transformer is -25~40 °C, and the ambient temperature beyond this range working under may cause damage to the product life, and the maximum operating temperature of the shell is 85 °C;

In order to avoid electric shock, the ground wire at the input end should be reliably grounded, and the wire from the output end to the lamp tube should not short circuit to the ground is allowed, otherwise the transformer will be damaged.

If you need technical support, please contact the manufacturer,

Do not attempt to disassemble the product and repair it by yourself.

Replacing UV lamp and servicing UV system



Note: Avoid touching the sides of the quartz thimble and lamp, handle by the ends only.

1. Disconnect power.
2. Turn water off and open down stream of system to relieve pressure.
3. Remove the cable waterproof PG holder((1) .
4. Carefully withdraw lamp(4) approximately 2 inches from chamber(7).
5. While holding lamp end carefully remove lamp socket(3) on end now exposed.
6. Carefully withdraw lamp from chamber.
7. To reinstall follow step 6 through 1 in reverse.

Maintenance suggestion:

To operate the sterilizer properly and attain its maximum efficiency that the users need to do some maintenance job as below.

1. Quartz thimble cleaning or replacement:

- a) Quartz thimble is to be cleaned every 6-12 months with glass cleaner.
- b) Quartz thimble is to be replaced every 24 months.

2. It is recommended that the UV lamp be replaced after 8,000 hours of cumulative operation. If the cumulative operating hours do not reach the threshold, replacement shall still be performed once the service period since delivery exceeds 12 months. Failure to comply with this replacement requirement will void the warranty of the UV lamp.

3. For purchasing replaceable components, please contact our local agents or our head office.

2 YEARS OF GUARANTEE

We guarantee that this equipment will be free from defects in material and workmanship for a period of two years from the date of shipment . Within the guarantee period we shall repair or replace such products which are returned to us and which are determined by us to be defective. This guarantee Will not apply to any product which has been misused negligently, or destructured accidentally, or modified, and repaired by unauthorized persons.

Buyer shall examine the product promptly after receipt and shall notify us at our agent in writing of claims, such as claims of breach of warranty within one week after the buyer discovers. Any submission of written notice of a claim behind one week will be treated as a waiver of the claim. One year guarantee for UV lamp, one year guarantee only for its efficient radiation dosage of UV lamp.