



**pura
Vida**

ULTRA VIOLET
WATER STERILIZER

INSTALLATION INSTRUCTIONS

PSII-48PV / PMIII-82PV



**IMPORTANT SAFETY INSTRUCTIONS:
READ COMPLETELY BEFORE PROCEEDING**

When using this electrical equipment, adhere to all basic safety precautions. Please observe the following:

- Follow all applicable electrical codes.
- Turn off power at main source before making any electrical connections or servicing the unit.
- To reduce the risk of electric shock, injury or death, disconnect unit from power supply when servicing.

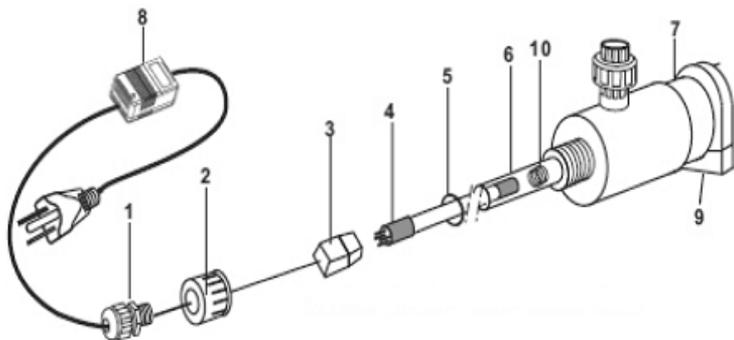
UV EXPOSURE & PROTECTION:

UV-A and UV-B radiation can have adverse short and long term effects on the eyes and skin. Never look directly at a UV lamp that is connected to a power source. Avoid UV skin exposure at all times



Read and follow these instructions. Ensure manual stays with facility owner for future reference.

Please read and follow these instructions before operating this unit and retain for future reference.



INSTALLATION:

Maximum recommended operating pressure is 50 PSI.

Read and follow all instructions below:

1. Install UV unit in a readily accessible and well lit area to facilitate inspection and maintenance. UV should be installed between the filter and the heater.
2. Inspect for hidden electrical wiring or plumbing prior to drilling any holes.
3. For vertical installation affix base to the ground, if desired. For horizontal installation, attach mounting clips to the wall and unscrew base from chamber (Stand on base while turning unit counter clockwise). Insert chamber (7) through mounting clips. Allen Key or Hex Bit (H5 - 5mm or 3/16") required to attach clips.
4. Connect plumbing. For horizontal installation, outlets are dual purpose and can be used for incoming or outgoing water flow. For 1.5" plumbing, please use supplied reducers.
5. Install quartz tube and lamp (quartz tube and lamp are packaged separately). Avoid touching the sides of the quartz tube and lamp. Handle by the ends only.
 - a) Remove the nut (2).
 - b) **Carefully** slide the quartz tube (6) into the chamber (7). Do not drop in. Make sure the quartz tube (6) is lowered directly in the centre of the chamber (7) and fully inserted. See Figure 1.
 - c) Slide the O-Ring (5) onto the open end of the quartz tube (6). O-Ring should rest on top of threaded fitting when properly installed. See Figure 2.
 - d) Return nut (2) into original position. Hand tighten on to top of chamber (7).
 - d) Partially slide the lamp(4) into the quartz tube(6) through the nut (2) leaving approximately 2" exposed.
 - e) Connect the lamp (4) to the socket (3).
 - f) Fully Lower the lamp (4) until it touches the spring (10) at the bottom of the quartz tube (6). See Figure 3.
 - g) Screw the waterproof strainer (1) to the nut (2).
6. Turn on water and test for leaks.
7. Plug the ballast (8) into an electrical outlet. An approved GFCI is recommended. Ballast (8) can be wall mounted with supplied clips if required.

Figure 1

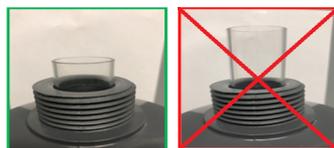


Figure 2

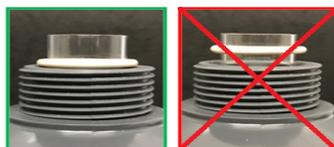


Figure 3



IMPORTANT: UV system must only operate in conjunction with the pool pump running. The use of a dual socket timer is recommended.

Parts List:

Item	Description	PSII-48PV Part #	PMIII-82PV Part #
1	Water Proof Strainer	PG13.5	PG13.5
2	Nut	01A	01A
3	Lamp Socket & Lead Wire	4P180	4P180
4	Germicidal UV Lamp	T565HO	T585
5	Rubber O-Ring	21835	21835
6	Quartz Tube	245750	245910
7	Chamber	UP89730	UP114890
8	Ballast	UV-8/88	UV-8/88
9	Mounting Clip	89123	114123
10	Spring	1343	1315
12	Drain Plug	1/2"S	1/2"S

REPLACING UV LAMP:

Avoid touching the sides of the quartz tube and lamp, handle by the ends only.

1. Disconnect power source.
2. Turn water off and unscrew union to relieve pressure.
3. Remove water proof strainer (1).
4. Carefully withdraw lamp (4) approximately 2" from chamber.
5. While holding the lamp end, slowly and carefully unplug lamp (4) from the socket (3). Pull lamp out of chamber by lifting lamp straight out of unit. Dispose of lamp according to your local regulatory laws.
6. Unscrew the nut (2).
7. Carefully remove the O-ring (5) from the end of the quartz tube (6).
8. Carefully remove the quartz tube (6) from the chamber (7) and clean with glass cleaner.
9. To reinstall follow these steps in reverse.

MAINTENANCE:

1. Quartz tube is to be cleaned every 12 months and during bulb replacement with glass cleaner.
2. UV lamp replacement is recommended every 10,000 hours of operation.
3. For purchasing replacement parts please contact your local dealer.

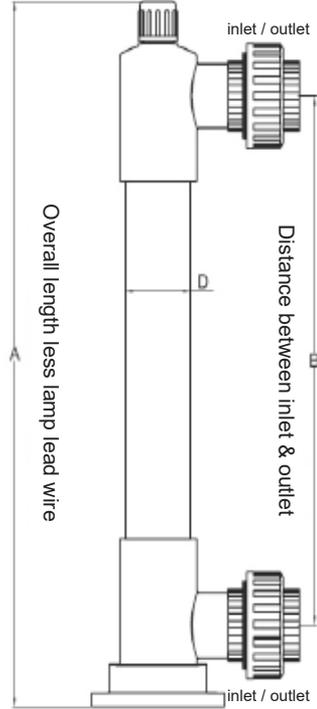
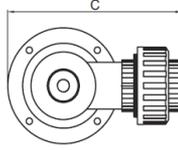
WINTERIZING INSTRUCTIONS:

Recommended operating temperature is between 2°C - 40°C (36°F - 104°C). Do not allow unit to freeze before fully draining.

1. Disconnect from power source.
2. Unscrew unions for inlet/outlet water flow.
3. Carefully unscrew the drain plug (12) counter clockwise.
See Figure 4.
4. Tip the unit on a 45° angle to remove any standing water.
5. Storing the unit in a dry and warm location is highly recommended.

Figure 4





Dimensions:

	PSII-48PV	PMIII-82PV
A	31.6"	38"
B	23.8"	29.3"
C	10.75"	10.25"
D	3.5"	4.5"
Outlet Size	1.5/2"	2"

WARRANTY POLICY

VESSEL AND BALLAST

We guarantee that the vessel and electrical ballast will be free from defects in material and workmanship for a period of two years from the date of install.

UV LAMP AND QUARTZ TUBE

We guarantee that the UV lamp and quartz tube will be free from defects in material and workmanship for a period of one year from date of install.

Within the specific guarantee periods we shall repair or replace such products which are determined to be defective. This guarantee will not apply to any product that has been modified, repaired by unauthorized personnel, or improperly winterized. The buyer should examine the products promptly after purchase and inform our office of such claims.

For warranty questions contact Select Pool Products at: info@selectpoolproducts.ca or 1-855-881-0889



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