



**pura
Vida**
ULTRA VIOLET
WATER STERILIZER

INSTALLATION INSTRUCTIONS

PSII-48PV / PMIII-82PV

FOLLOW EXACT ASSEMBLY INSTRUCTIONS. IMPROPER ASSEMBLY OF THE QUARTZ TUBE & BULB WILL CAUSE DAMAGE TO THE UNIT AND VOID WARRANTY.



WARNING

**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. **Maximum recommended operating pressure is 50 PSI.**

WARNING!

INSTALLATION:

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") is required to attach mounting clips.
4. Connect plumbing. For horizontal and vertical 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 (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) containing the spring (10) into the chamber (7). Do not drop in. Make sure the quartz tube is lowered directly in the centre of the chamber. (Figure 1) Ensure the quartz tube is fully inserted into the holder in the base. When quartz tube is correctly installed exactly 14mm (9/16") of quartz tube is exposed above the unit.
 - c) Slide the O-Ring (5) onto the open end of the quartz tube. O-Ring should rest on top of threaded fitting when properly installed. (Figure 2)
 - d) Return nut into original position. Hand tighten on to top of chamber.
6. Install Lamp & Ballast
 - a) Partially slide the lamp (4) into the quartz tube through the nut leaving approximately 2" exposed.
 - b) Connect the lamp (4) to the socket (3) on end of the ballast.
 - c) Fully lower the lamp (4) until it touches the spring (10) at the bottom of the quartz tube (6). (Figure 3)
 - d) Hand screw the waterproof strainer (1) to the nut (2).
7. Turn on water and test for leaks.
8. Plug the ballast (8) into an electrical outlet. An approved GFCI is recommended. Ballast (8) can be wall mounted with supplied clips if required.

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

Figure 1

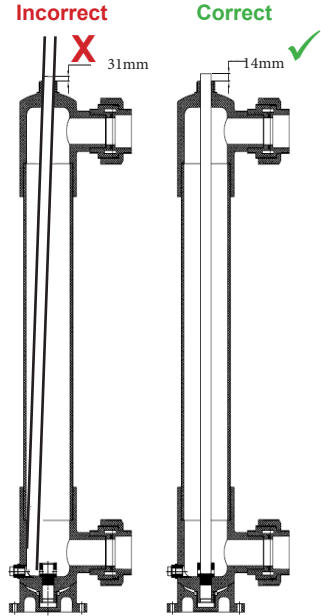


Figure 2

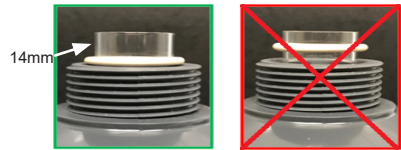
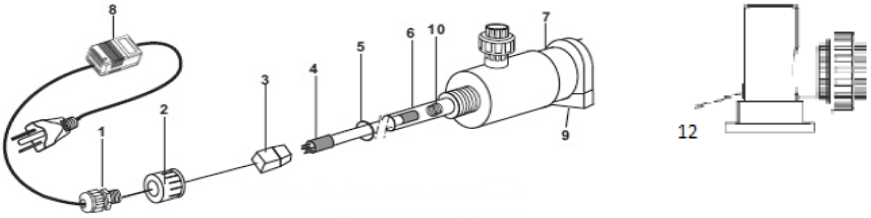


Figure 3



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	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
13	2" Union Kit	PVUK2	PVUK2
14	O'Ring for Inside Top Nut	PVNO-1	PVNO-1

REPLACING UV LAMP:

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

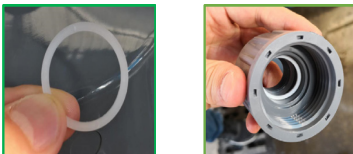
1. Disconnect power source.
2. Turn water off to relieve pressure. Unscrew union if needed.
3. Remove water proof strainer (1).
4. Carefully withdraw lamp (4) approximately 2" from chamber.
5. While holding the lamp end, slowly and carefully unplug lamp (4) from the socket (3). Pull lamp out of chamber 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.

IMPORTANT: Ensure to reinsert the quartz tube correctly leaving only 14 mm of glass exposed. See Page 2 (5b). (Figure 1)

MAINTENANCE & TROUBLESHOOTING:

- Quartz tube is to be cleaned during bulb replacement with glass cleaner.
- UV lamp replacement is recommended every 10,000 hours of operation or every 2 years.
- For purchasing replacement parts please contact your local dealer.
- If light on ballast turns red, bulb should be checked and replaced if necessary.
- If quartz tube is properly inserted (See Installation step 5b) but a low rattle sound persists, there may be a 1-2mm gap between the holder and the quartz tube. The water pressure may cause the tube to lift and rattle. An additional o'ring can be inserted into the top nut to eliminate this gap. (Figure 4) If you require this part contact your dealer or call 1-855-881-0889

Figure 4



WINTERIZING INSTRUCTIONS:

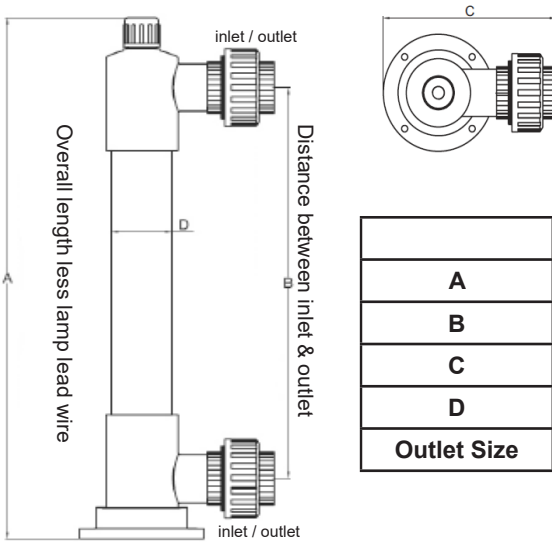
Recommended operating temperature is between 2°C - 40°C (36°F - 104°C). Do not allow unit to freeze before fully draining.

1. Disconnect from power source.
2. Unscrew unions for inlet/outlet water flow.
3. Carefully unscrew the drain plug (12) counter clockwise. (See Figure 5)
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 5



Dimensions:



	PSII-48PV	PMIII-82PV
A	31.7"	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 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 installed or winterized. The buyer should examine the products promptly after purchase.

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



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