

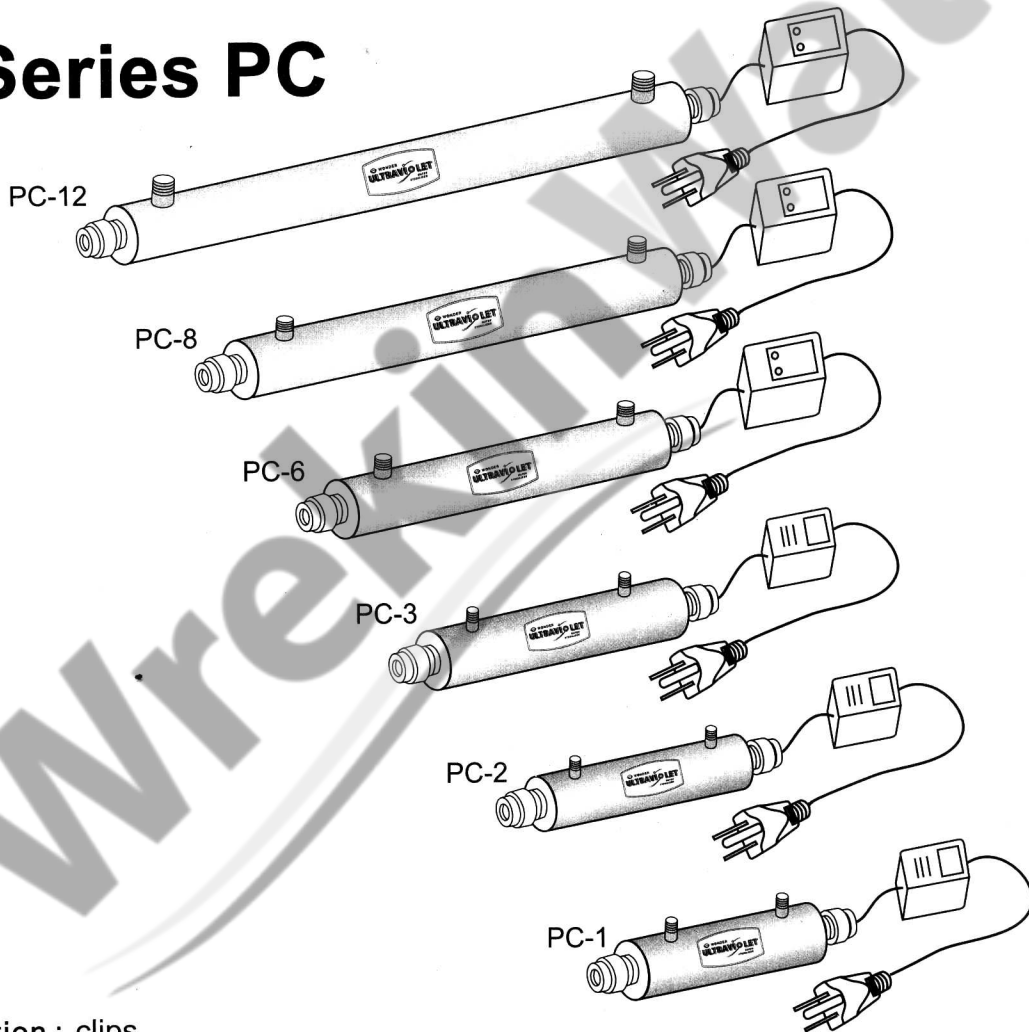
# ULTRAVIOLET

WATER  
STERILIZER

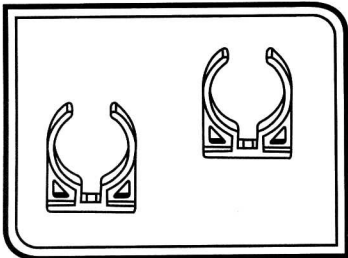


## OPERATING INSTRUCTIONS

### Series PC



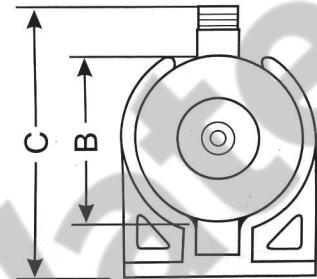
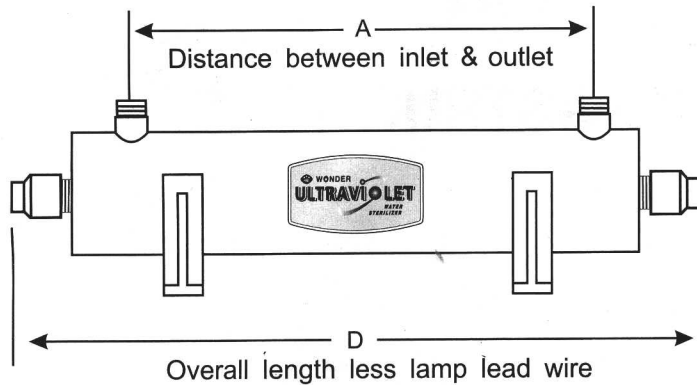
Option : clips



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



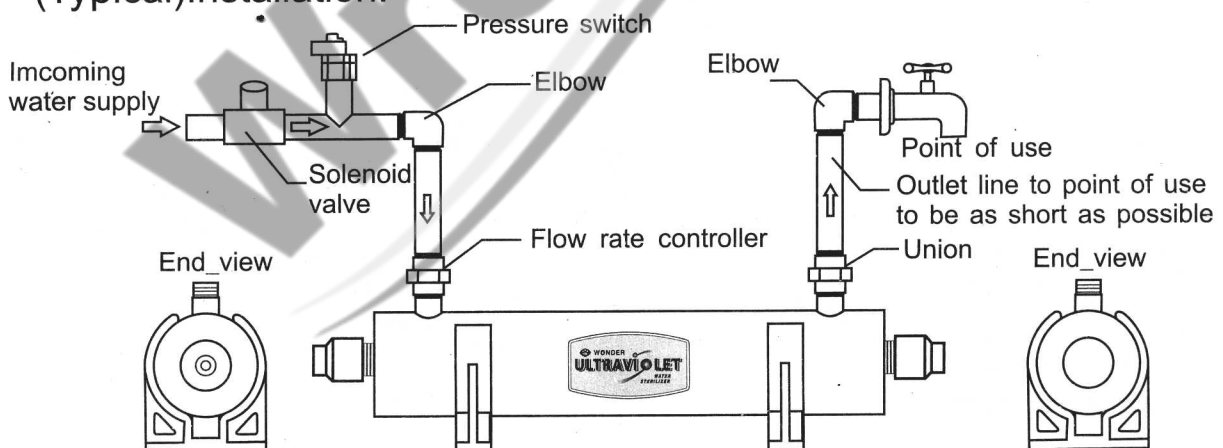
# Ultraviolet Water Sterilizer



**Note:** Line cord and lamp lead wire omitted for clarity.

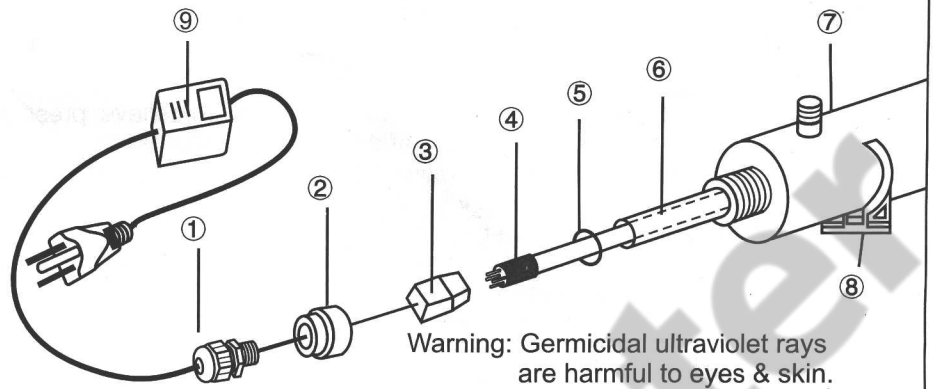
Model	A	B	C	D	Standard Inlet & Outlet Size	Option
PC-1	158	50.8	83	265	1/4" NPT or BSP	-
PC-2	235	63.5	103	355	1/4" NPT or BSP	1/2" NPT or BSP
PC-3	260	63.5	108	375	1/2" NPT or BSP	-
PC-6	440	63.5	108	555	1/2" NPT or BSP	-
PC-8	585	63.5	108	705	1/2" NPT or BSP	3/4" NPT or BSP
PC-12	800	63.5	110	935	3/4" NPT or BSP	1" NPT or BSP

## (Typical) Installation:



## Notes:

1. Do not allow water sterilizer equipment to freeze.
2. Recommended ambient temperature: 2°C-40°C (36°F-104°F).
3. 120V/60Hz and 230V/50Hz units are standard.
4. Maximum recommended operating pressure is 100 Psi.
5. The system and installation shall comply with applicable state and local regulations.



**Installation:**

1. Install sterilizer equipment in a readily accessible and well lit location to facilitate inspection and maintenance.
2. Inspect for hidden electrical wiring or plumbing prior to drilling holes.
3. Attach mounting clips to the wall.
4. Insert chamber through mounting clips.
5. Connect to plumbing .
6. Install quartz sleeve and lamp.

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

- a. Remove the aluminum nuts (2).
- b. Slide carefully the quartz sleeve (6) from one end to another end of the chamber.
- c. Slide the O-rings (5) on the open ends of quartz sleeve.
- d. Tighten the aluminum nuts (2) hand tight.
- e. Slide the lamp (4) into the quartz sleeve.
- f. Connect the lamp to the lamp socket.
- g. Screw the nuts on the chamber, then screw the water proof strainer(1) on the nut(2).
7. Turn on the water and inspect for leaks. Repair if necessary.
8. Plug the ballast into an electrical outlet. An electrical outlet protected by a Ground Fault Interrupt (GFI) circuit is recommended.
9. Run water through the chamber for 5-10 minutes prior to use.

Item	Description	PC-1	PC-2	PC-3	PC-6	PC-8	PC-12
		Part No.	Part No.	Part No.	Part No.	Part No.	Part No.
1	Water Proof Strainer	PG135	PG135	PG135	PG135	PG135	PG135
2	Aluminium Nut	A02	A02	A02	A02	A02	A02
3	Lamp Socket & Lead Wire	4P80	4P80	4P80	4P80	4P80	4P80
4	Germicidal Ultraviolet Lamp	T510	T514	T515	T521	T529	T540
5	Rubber O-Ring	21735	21735	21735	21735	21735	21735
6	Quartz Sleeve	T245250	T245330	T245350	T245530	T245680	T245910
7	Chamber	ST508245	ST635310	ST635330	ST635510	ST635660	ST635890
8	Clip	1002	1002	1002	1002	1002	1002
9	Ballast	UV-1/UV-3	UV-1/UV-3	UV-1/UV-3	UV-1/UV-6	UV-6	UV-6