

UV LAMP REPLACEMENT GUIDELINES

UV-1 / UV-250/700/1200/1500/3000

ULTRA-VIOLET LAMP REPLACEMENT

NOTE: It is required that the lamp be changed every 10 to 12 months after installation regardless of apparent condition of the lamp.

The ultra-violet lamp located in the sterilization chamber will operate effectively, round the clock, for approximately one year under normal conditions. The lamp will light up longer than that, but the maximum U.V. light penetration may fall below the prescribed safety level.

TO DISASSEMBLE THE UV LAMP

- **Shut down system** • **Close shut off valves**
- **Drain system** (optional)

1. Shut off power switch and/or unplug the system from the electrical outlet and turn off all water supplies to the system.
2. With Allen wrench provided, loosen the two set screws that secure the top cap containing the electrical cord. Remove cap and set aside carefully.
3. Remove the lamp connector located at the cord end of the lamp by gently wiggling and pulling away from the lamp.
4. Carefully slide UV lamp out of the quartz tube and discard.
5. Insert the replacement lamp into the quartz tube.
IMPORTANT: DO NOT TOUCH THE LAMP WITH BARE HANDS. FINGER PRINTS WILL PREVENT THE SYSTEM FROM WORKING EFFECTIVELY.
If the lamp should be touched, wipe down with an alcohol wipe.
6. Gently push the lamp connector against the pins at the end of the lamp.
7. Make sure that all electric components are dry before replacing the top cap. Secure cap with the set screws (**DO NOT OVER TIGHTEN**).
8. Plug in the power cord. The lamp should be operating at this time. To confirm that your new lamp is working correctly, check with your model's pilot light indicator:

The LED indicator will light up on the side of the unit UV-700 and above: A bluish light should be visible through the viewport

9. Close drain port, open shut off valves, test for leaks, and restart system to allow the flow of water through the unit.

IMPORTANT: Where water turbidity is a problem, it is advisable to clean the quartz tube when replacing the lamp.

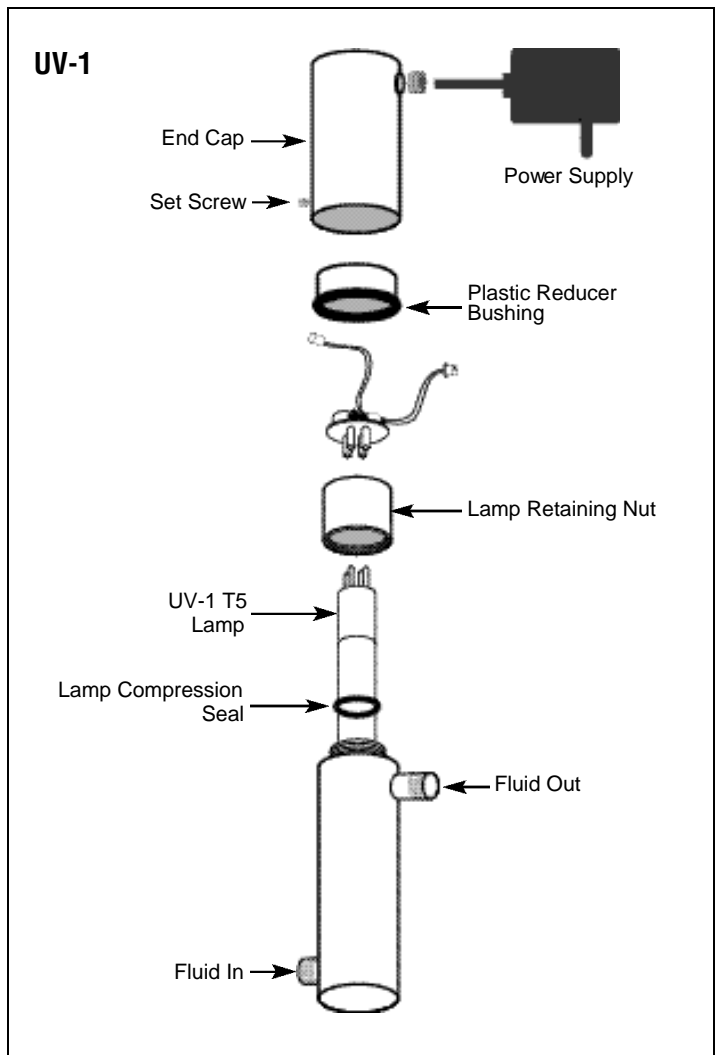
TO CLEAN AND CHANGE THE QUARTZ TUBE

1. Turn water off and unplug unit.
2. Remove plastic cap on the top end containing the electrical cord of the UV purifier by loosening the setscrews with Allen key provided.
3. Remove lamp— as per lamp replacement instructions.
4. Loosen and remove the retaining nut. Caution: Quartz sleeve will be stuck to the o-ring inside the retaining unit.
5. **CAREFULLY** remove the quartz sleeve from the UV chamber.
6. Wipe the quartz sleeve with an alcohol wipe being careful not to touch the sleeve with your fingers.

TO RE-ASSEMBLE

1. Reassemble using a clean cloth to hold the quartz sleeve, guide the quartz sleeve gently into the hole and screw the retaining nut down until snug.
2. Insert the replacement lamp into the quartz sleeve. Gently push the lamp connector against the pins at the end of the lamp.
3. Turn the water supply on slowly and check the unit carefully for leaks. If water is leaking from around the rubber seals, tighten the retaining washernuts until the leak stops. A 1/8 turn past this point should be tight enough.

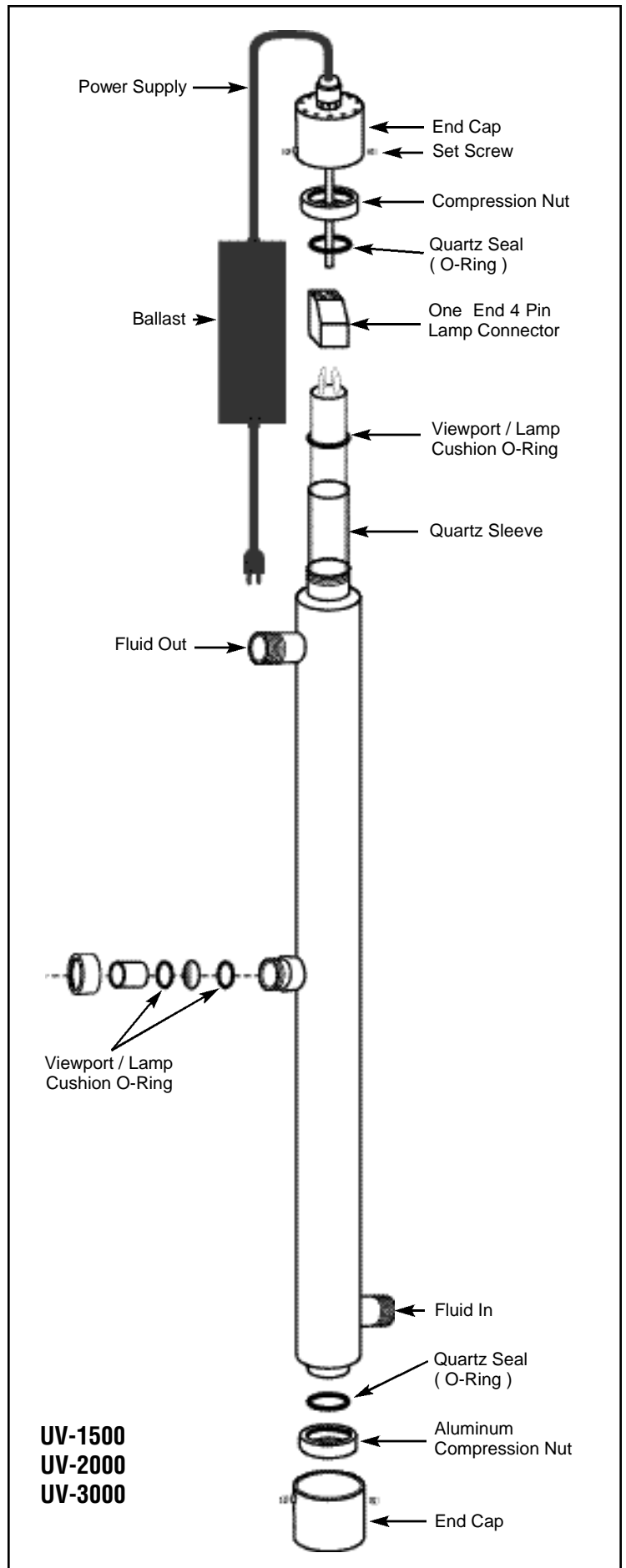
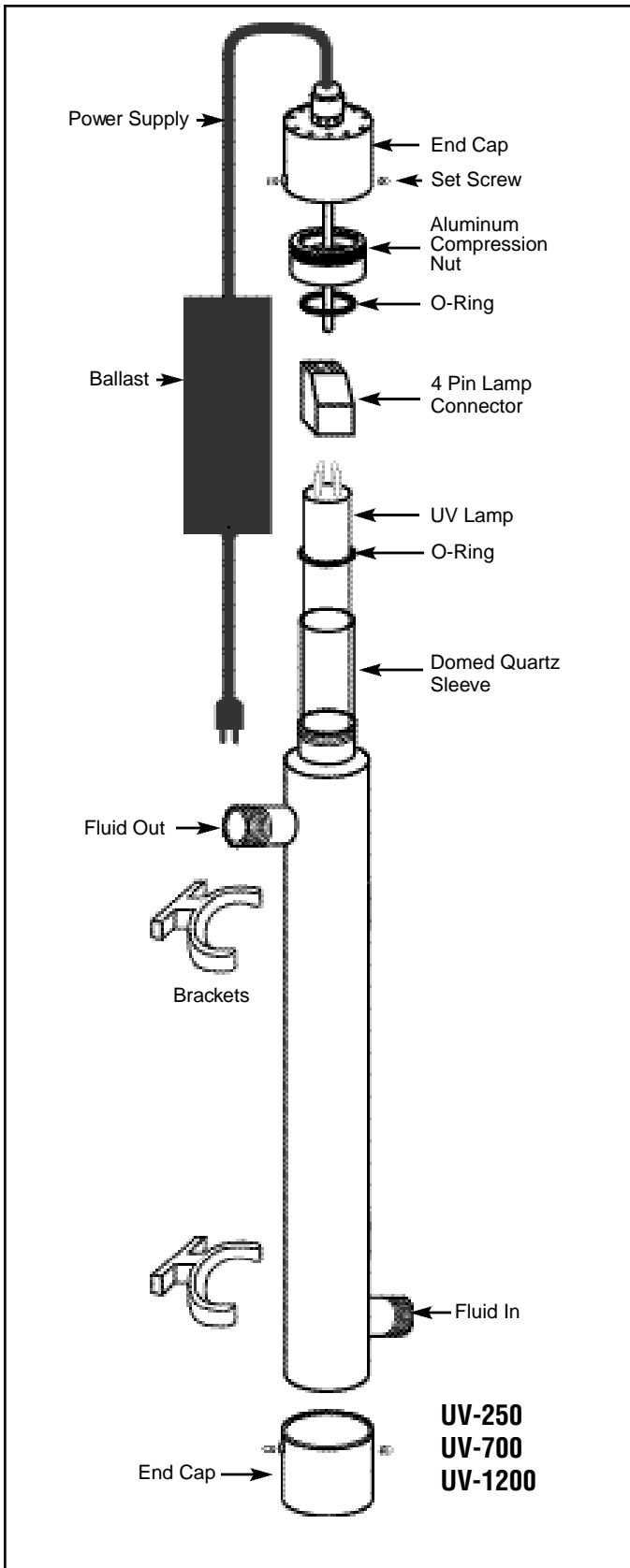
COMPLETE RE-ASSEMBLY OF THE UV PURIFIER BY FOLLOWING LAMP REPLACEMENT INSTRUCTIONS FROM 7 THROUGH 9.



Rendering not to scale for reference only.
Parts illustrated may vary according to engineering review



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