



## UV Purification Systems



Maintenance

### **Cleaning/Replacing the Quartz Dome or Sleeve**

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#### **Important:**

If water turbidity is a problem, it is advisable to clean the quartz dome/sleeve each time when replacing the lamp.

- 1** Turn off the water supply and open a faucet to depressurize the plumbing system. Unplug the purifier from the electrical outlet. Press the pressure-relief button on one of the filter housings. Horizontal mounted systems need to be drained by removing filter bowls. Have a bucket on hand.
- 2** With the Allen key provided, loosen the two set screws that secure the top cap containing the electrical cord. Remove the cap and carefully set aside (it is attached to the chamber with the ground wire).
- 3** Remove the white lamp pin connector from lamp end. Remove the UV lamp carefully from the UV unit.
- 4** Loosen and remove the sealing compression nut. Caution: Quartz dome/sleeve may be stuck to the O-ring inside the retaining nut.
- 5** Carefully remove the quartz dome/sleeve from the UV chamber.
- 6** Wipe the quartz dome/sleeve with nonabrasive cleaner (e.g. CLR or Limeaway) and with an alcohol wipe being careful not to touch the dome/sleeve with your fingers. You may choose to lubricate the O-ring with food-grade silicone or plumber's grease (do not use oil based products, such as Vaseline). Slide the O-ring onto the dome/sleeve.
- 7** Using a clean cloth to hold the end of the replacement quartz dome/sleeve, guide it gently into the UV chamber and screw the sealing compression nut down until snug to secure seal. Hand-tight only, DO NOT USE TOOLS!
- 8** Insert the replacement lamp into the quartz dome/sleeve. Gently push the lamp pin connector against the pins at the end of the lamp.
- 9** Complete the reassembly of the UV purifier. Make sure that all electrical parts are dry before replacing the top cap and securing it with the setscrews.
- 10** Plug in the ballast, turn on the water supply and check for leaks.