UV LIGHT REPLACEMENT KIT INSTRUCTIONS

For Use With Newaire HG1500, HG2500 & HO3-2500 Hydroxyl Generators

UV light is the heart of your hydroxyl generator, powering the reaction that neutralizes odors. Each generator uses two UV bulbs that should always be replaced together, even if only one has burned out. A matched set keeps output balanced and performance consistent.

UV bulbs are rated for approximately 9,000 hours of operation. Replace both bulbs when that interval is reached, when one burns out, when the glass is cracked, or when odor performance drops off. UV bulbs dim gradually as they age, so a unit that still lights up may still be due for a new pair.

COMPATIBLE MODELS & KITS

HG1500	HG2500	HO3-2500
Kit HG15LIGKIT	Kit HG25LIGKIT	Kit HG25LIGKIT

⚠ BEFORE YOU BEGIN ⚠

DISCONNECT THE UNIT FROM POWER BEFORE PERFORMING ANY MAINTENANCE OR SERVICING. NEVER LOOK DIRECTLY AT AN ENERGIZED UV BULB, AND NEVER OPERATE THE UNIT WITH THE END CAP REMOVED. UV BULBS CONTAIN MERCURY — HANDLE WITH CARE AND DISPOSE OF THEM PROPERLY (SEE BACK).

IMPORTANT

Wear the supplied gloves and handle bulbs only by the ceramic base. Do not touch the glass. If touched, wipe with a clean, dry, lint-free cloth before installing.

Place used bulbs in the original packaging or a sealed bag/box for proper recycling.

TOOLS REQUIRED

- Allen wrench (supplied in kit)
- #2 Phillips screwdriver
- Sealable bag or box (for used bulbs, if needed)
- Clean, padded work surface

PARTS INCLUDED

- UV Replacement Bulbs (2)
- Safety Gloves (2)
- Socket Cap Screws (4)
- Allen Wrench
- Instruction Sheet

UV BULB REPLACEMENT PROCEDURE

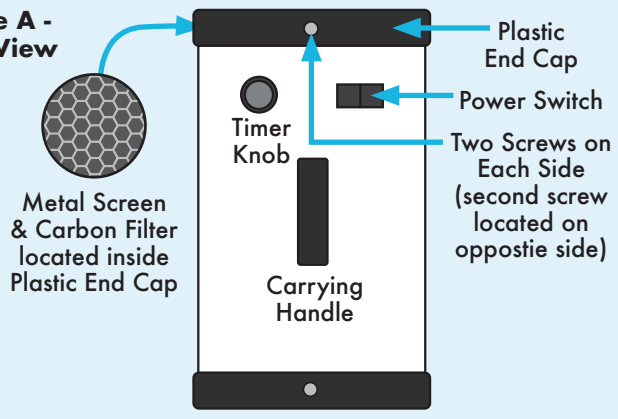
Work from the **controls end** of the unit. Complete steps 1–6 on the first bulb, then repeat for the second.

STEP 1: Power Down & Open the Unit

With the unit unplugged, stand the hydroxyl generator vertically with the controls facing up. Remove the two retaining screws — one on each side of the plastic end cap — then lift off the end cap, the metal screen, and the carbon mesh screen filter. Set them aside. See **Figure A**.

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Figure A - Side View



STEP 2: Move the Fan Finger Guard Aside

Remove three of the four screws holding the finger guard and loosen the fourth. Rotate the guard 180° on the remaining screw so the UV bulb area is clear. See **Figure B**.

STEP 3: Release the Bulb Socket

Using the supplied Allen wrench, loosen both socket cap screws. Support the socket head with one hand and remove the screws by hand. See **Figure C**.

STEP 4: Remove the Old Bulb

Put on the supplied gloves. Holding the bulb by its ceramic base, pull the socket straight up, then disconnect the Quick Connect connector. Place the used bulb in the replacement bulb packaging or a sealable bag/box. See **Figure D**.

STEP 5: Install the New Bulb

Slide the new bulb into the bulb holder, seating the bottom end of the bulb into the bottom recess. Do not force it, and do not touch the glass.

STEP 6: Reconnect & Secure

Reconnect the Quick Connect connector, then install two of the new socket cap screws from the kit and tighten them gently with the Allen wrench.

STEP 7: Repeat for the Second Bulb

Replace the second UV bulb the same way. Both bulbs must be replaced as a pair.

STEP 8: Reassemble & Return to Service

Rotate the finger guard back into place and gently secure all four screws. Reinstall the carbon mesh screen filter, the metal screen, and the plastic end cap, then tighten the two retaining screws. Reconnect power and resume normal operation.

Figure B - Top View

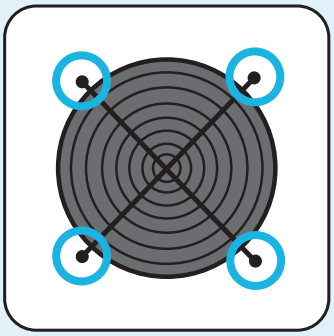


Figure C - Top View

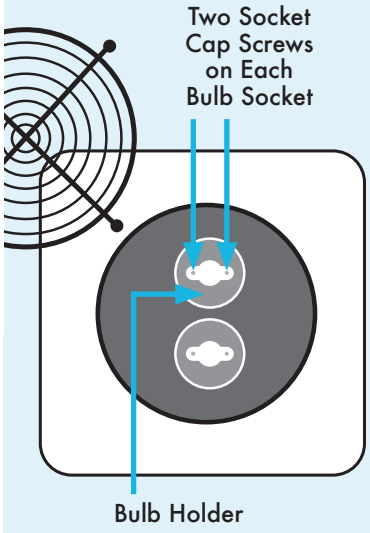
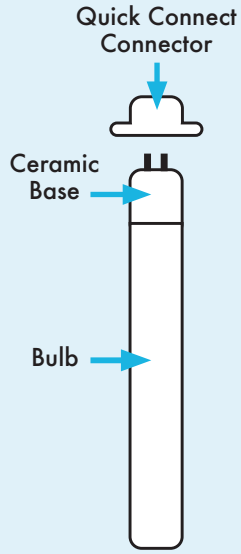


Figure D - Bulb



MERCURY — DISPOSAL & BREAKAGE:

UV bulbs contain a small amount of mercury. An intact bulb is not a hazard, but used, cracked, or broken bulbs must never go in the regular trash — seal them in a plastic bag and recycle them through your local hazardous-waste or bulb recycling program.

- If a bulb breaks, have people and pets leave the room and shut off central heating and air conditioning.
- Open a window and air the room out for 24–48 hours before resuming normal use.
- Do not vacuum or sweep — either can spread mercury vapor.
- Wearing gloves, pick up glass with stiff cardboard and sticky tape; collect any beads with an eyedropper.
- Seal everything used in the clean-up in a zip-type bag, place it in a sealed container, and store it outdoors until disposal.
- Questions? Call your local health department or Poison Control at 1-800-222-1222.

WATCH THE MAINTENANCE VIDEO

NEED ASSISTANCE?

Give us a call at 1-877-646-9663 or email us at info@queenaire.com.

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