**Safety Precautions:**

**WARNING:** UV Hazard. Always protect eyes from ultraviolet light. NEVER look at UV lamps in operation. Unplug or disconnect power before re-lamping or servicing.

**WARNING:** Severe eye damage or temporary blindness may occur.

**WARNING:** DO NOT operate outside of air handler. Mount product in preferred location first.

**WARNING:** No openings should be allowed which would give direct line-of-sight to the UV light.

**Note:** In the event of accidental breakage or replacement of the ultraviolet lamp, please ensure that the lamp is disposed of in accordance with local and state environmental laws regarding fluorescent lamps containing mercury.

**Notice:** All wiring inside the air handler in direct line of site of the UV lamp must be shielded with aluminum foil tape or equivalent non-combustible material. When installing this unit, select a mounting location that prevents ultraviolet light exposure to synthetic or other plastic components with unknown resistance to ultraviolet light. Ultraviolet light may cause color shift or structural degradation of plastic internal components.

**Maintenance:**

Typical maintenance of the Air Purifying System is recommended replacement of the UVC lamp every year.

UV lamps undergo a photochemical process during operation. This slowly reduces the amount of UV light generated to disinfect against airborne pathogens.

**Important:** When installing new lamps, ensure that the lamp glass is free from any fingerprints or debris, as this may alter the path of the UV energy. Use rubbing alcohol and a dry cloth to remove any surface contaminants.

**Warning:** Ultraviolet lamps undergo a photochemical process during operation. This slowly reduces the amount of UV light generated to disinfect against airborne pathogens.

**Replacement Lamp Log Sheet:**

Replacement lamp part numbers:

- One power supply with PCO lamp installed
- Four self-tapping screws (for mounting)
- Two wire nuts (used with 24V units only)
- 24V power cord or 120V power cord depending on model
- UVC warning label
- Replacement lamp log sheet
- Large square mounting gasket
- Warranty card

**Replacement Lamps for Remote EZLight Option**

- One 12” UVC T3 germicidal lamp
- One 12” or 17” UVC T3 germicidal lamp
- One lamp cord w/ connector
- One “Y” connector

**Replacement Lamps for EZ7 Light Option**

- One 12” Dual Spectrum Lamp
- One 12” or 17” UVC T3 germicidal Lamp (Provides 2 years increase HVAC efficiency)

**Replacement Lamps for EZ2 Light Option**

- One 12” UVC T3 germicidal Lamp (Provides 2 years increase HVAC efficiency)
- One magnetic with mounting screw
- One magnet with mounting screw
- One lamp mounting plate
- One lamp mounting gasket
- One 12” or 17” UVC T3 germicidal lamp
- One lamp cord w/ connector
- One “Y” connector

**Warranty:**

Ultravation® UVPhotoMAX™ and UVCatalyst offer the Ultravation ten year warranty, Signature Series models have the Ultravation lifetime warranty, with the exception of the ultraviolet lamp(s), which are warranted for a period of one year after date of consumer purchase.

This warranty does not include damage to the unit from accident, misuse or improper installation. If this product should become defective, Ultravation will elect to repair or replace the product free of charge. Ultravation will return repaired or replaced warranted products pre-paid to the customer, provided that the product was delivered pre-paid.

Ultravation shall have no responsibilities for charges incurred by the customer for installation or removal of warranted items. Liability is limited only to the replacement or repair of this product. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state. All returns must be accompanied by a return authorization number, which may be obtained by contacting Ultravation, Inc.

**For more information on Progressive Media Whole House Air Cleaners go to:**

[www.ultravation.com](http://www.ultravation.com)
**Step 1.** Determine a location for the oxidation module. Mount the unit on the exit or supply side of the HVAC system and before the ductwork branches off.

**Step 2.** Separate the power module from the mounting plate.

**Step 3.** Remove lamp protector used for shipping purposes. (See Fig. 1 Photomax only) Remove protective gasket from around lamp used for shipping purposes. Move module to the open position and remove gasket. (Fig. 2 UV Catalyst only)

**Step 4.** Mark a 4” round opening (or use the end of the oxidation module to mark the area) on the air duct and cut the hole needed for the insertion of the advanced oxidation module. Attach large square gasket (supplied) to air duct around 4” opening. Adjust Photon Clarifier. (Photomax only see step 3)

**Step 5.** Insert the mounting plate / oxidation module into opening and attach to duct with two supplied self-tapping screws in the lower left and upper right (only). For UV Catalyst models ensure catalyst actuator is in the closed position (as shown fig. 3) Attach large square gasket (supplied) to air duct around 4” opening. Place module against ductwork. Fasten module in place with four self-tapping screws (supplied) to air duct around 4” opening. Adjust Photon Clarifier against ductwork. Place the power module on the unit aligning holes in tabs with holes in mounting plate (upper left/lower right).

**Step 6.** Secure the power module to the mounting plate with the remaining two self-tapping screws.

**Step 7.** Plug in power cord. Check installation and reconnect power supply for proper operation.

**Step 3.**

**Lamp Replacement Procedure**

The UV lamp is shipped installed in the equipment and should be replaced during an annual service. To replace the UV lamp follow the steps below:

1. Unplug power cord and remove power module. (See Fig. 1)

2. Note the position of the Photon Clarifier and pull adjustment bar to its full-out position. (See Fig. 2 Photomax only)

3. Remove lamp screws and pull lamp out of oxidation module. (See Fig. 3)

4. Install new lamp and fasten with lamp screws.

5. Set the Photon Clarifier to its noted setting. (Photomax only)

6. Place the power module on the unit and fasten.

7. Plug in power cord.

**(Note:** For Signature Series models you must reset the service indicator light after each lamp replacement. With the power on and hold the RESET button for 10 seconds using a non-metallic implement. The LED should turn blue while the button is depressed. Release the RESET button, and the LED should remain blue.

**Installing EZ-Light 6P**

1. Turn off power to system being upgraded by unplugging the power cord from power unit.

2. Remove blank plug by squeezing it from the inside of the electrical enclosure with a pair of pliers and pushing it out of the enclosure.

3. Disconnect the 6 pin connector in line with the lamp connector.

4. Connect the supplied “Y” connector to the 6 pin connector in the system and connect the lamp connector into the “Y” connector.

**(Note:** All the connectors are specific to its location and can not be connected incorrectly.

5. Plug the lamp connector fully onto the installed UV Catalyst lamp. Be sure the four pinholes are oriented properly to the four matching pins on the lamp.