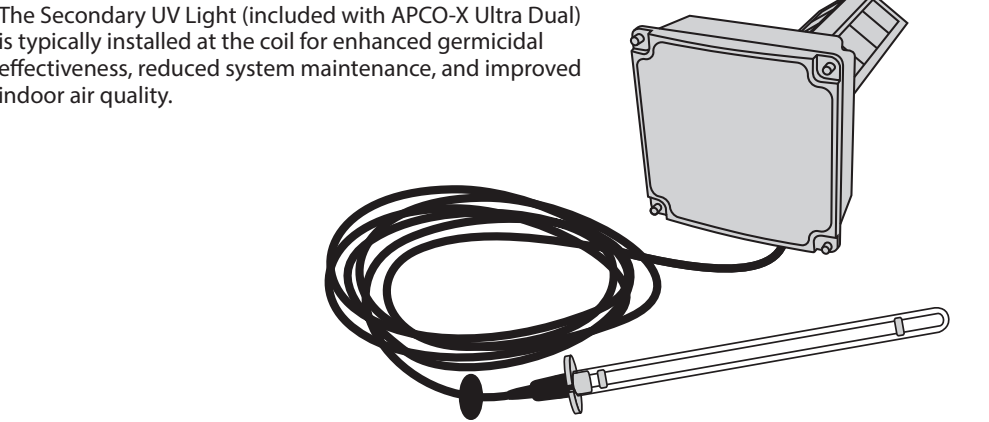


Secondary UV Light Installation (Dual Systems)



IMPORTANT!

- Dual System lamps are wired in series - connect both for lamps to light
- Only qualified technicians should install this product
- Install in accordance with relevant building codes
- Read instructions carefully including safety warnings

Installation Notes

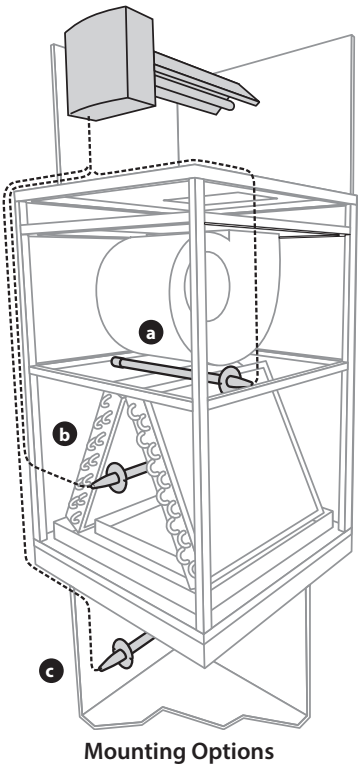
Before installing the Secondary UV Light it is necessary to determine the optimal mounting location inside the air system. First, look for the area with the heaviest mold growth. Also consider a location that will allow the germicidal UV Light to shine on the greatest surface area.

Some typical mounting locations:

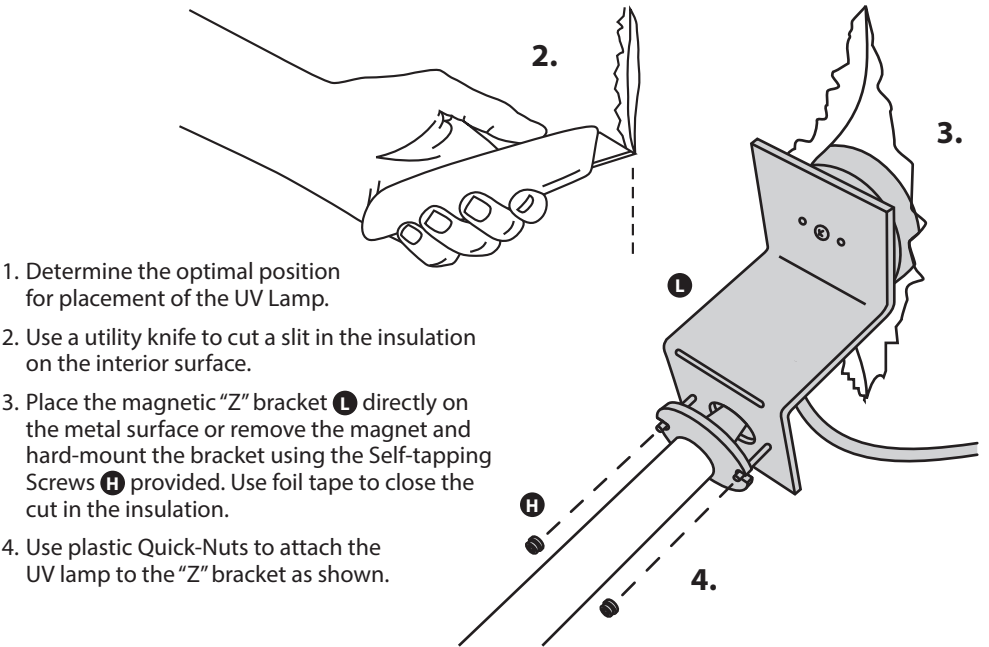
- a** Across top of coils
- b** Coil “A” plate
- c** Return-side duct



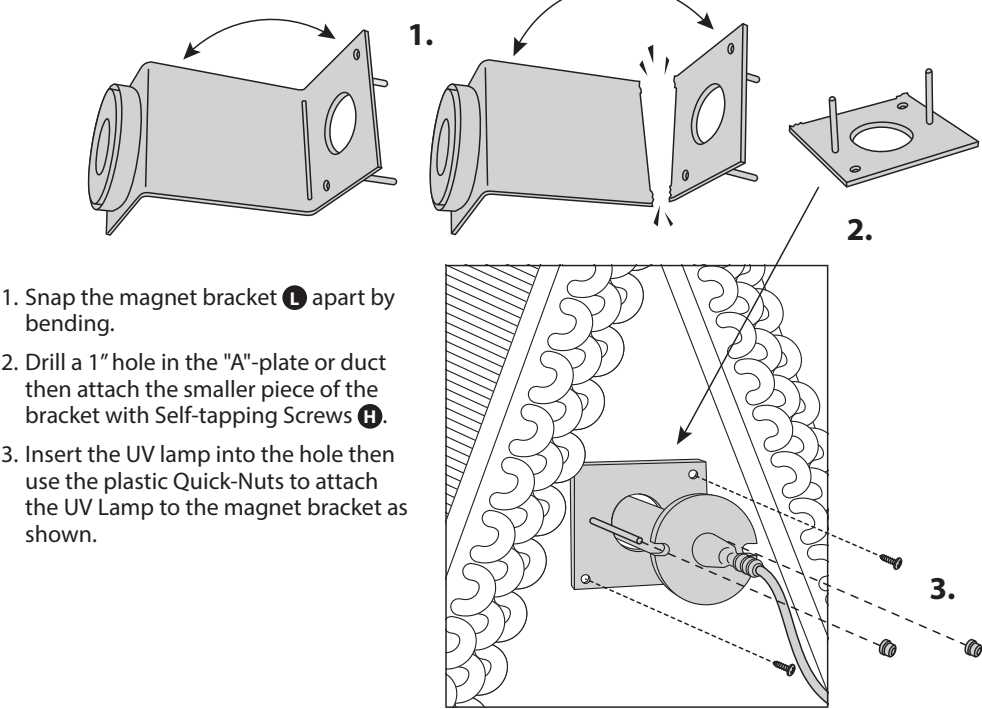
Important: Some materials inside the air system (including filter media, flex duct, wiring etc) may not be UV light resistant. Use the optional UV shield (part #TUV-SHIELD-LPC) or cover the materials with reflective tape.



1 Air Handler Interior Surface Installation



2 Coil “A” plate or Duct Installation

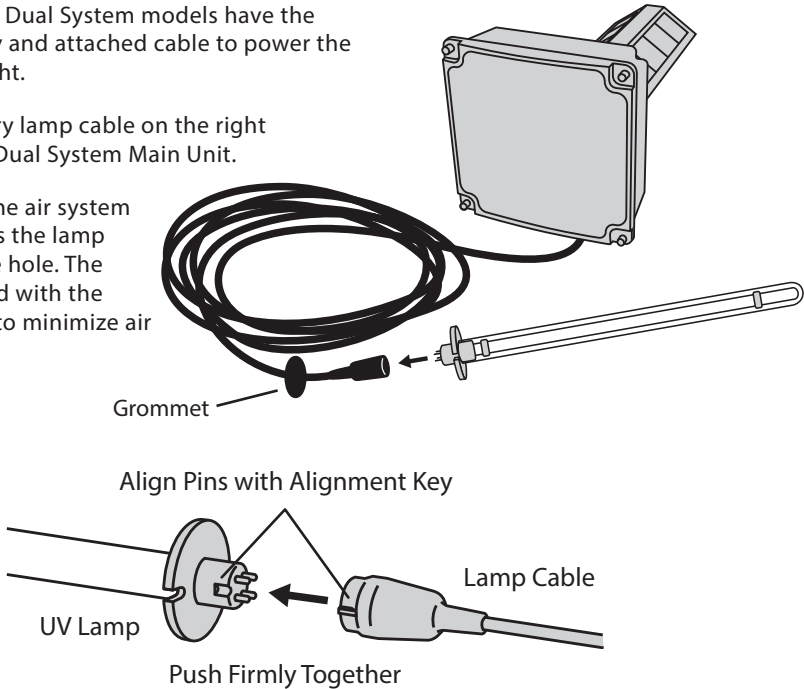


3 Remote UV Light Configuration

IMPORTANT! Only Dual System models have the electrical capacity and attached cable to power the Secondary UV Light.

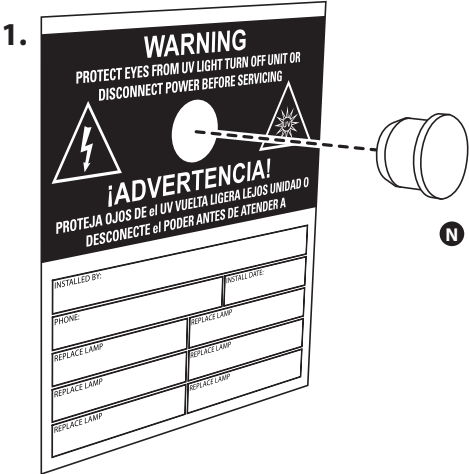
Find the secondary lamp cable on the right underside of the Dual System Main Unit.

Drill a 1” hole in the air system housing then pass the lamp cable through the hole. The hole is then sealed with the rubber grommet to minimize air leakage.



4 Sight Glass Installation

1. Find a suitable location on the outside of the duct-work near the UV Lamp installation and apply the warning/lamp replacement sticker **M**.
2. Drill a ½” hole through the circle on the sticker. Press the sight glass **N** into hole.
3. Turn on the power and use the sight glass to confirm that the UV Lamp is operating.



5 Lamp Replacement

The second germicidal UV Lamp **K** should be replaced every three years along with the primary lamp.

Note: UV lamps may continue to emit visible light after three years, however, germicidal effectiveness falls off over time and will quickly drop to near zero after three years.



CAUTION!

UV lamps contain small amounts of mercury - dispose of lamps in accordance with local environmental regulations. For more information visit www.lamprecycle.org

Note: Note: Use of replacement UV lamps other than TUVL- 315, TUVL- 215, or TUVL- 115 voids warranty.