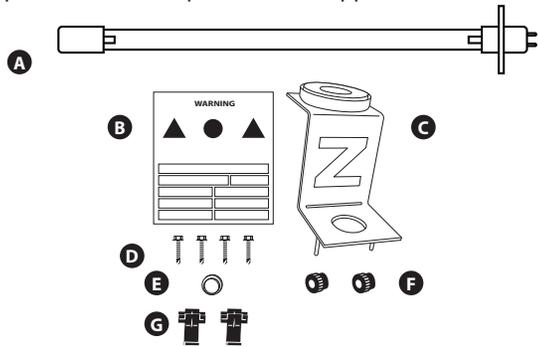


1



Germicidal UV Lamp Replacement Instructions

Replacement UV lamp kit for HVAC applications.



Parts Included

- A** UV Lamp
- B** UV Warning Sticker
- C** "Z" Mounting Bracket
- D** Self-Tapping Screws
- E** Sight Glass
- F** Quick-Nut (plastic)
- G** Tap-in Connector

IMPORTANT!

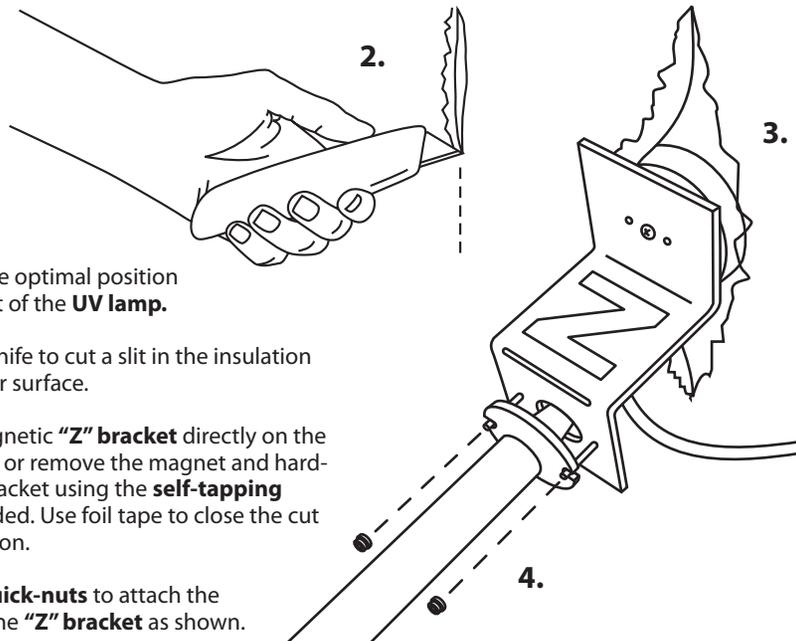
- Only qualified technicians should install this product*
- Install in accordance with relevant building codes
- Read instructions carefully including safety warnings

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TUVL-115-ZMG 2.22.16

*Installation of this product by anyone other than licensed HVAC or electrical contractors voids warranty.

3 Air Handler Interior Surface Installation



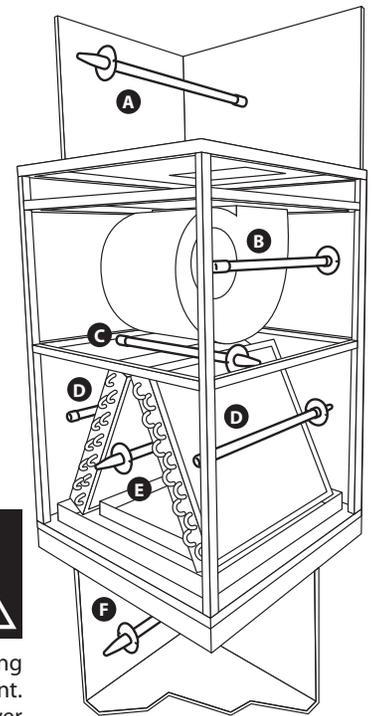
1. Determine the optimal position for placement of the **UV lamp**.
2. Use a utility knife to cut a slit in the insulation on the interior surface.
3. Place the magnetic "**Z**" bracket directly on the metal surface or remove the magnet and hard-mount the bracket using the **self-tapping screws** provided. Use foil tape to close the cut in the insulation.
4. Use plastic **quick-nuts** to attach the **UV lamp** to the "**Z**" bracket as shown.

2 Installation Notes

Before installation, determine the optimal lamp 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. For enhanced anti-microbial effect 2 or more lamps can be installed in different parts of the air system.

Some typical mounting locations:

- A** Supply-side duct
- B** At the blower
- C** Across top of coils
- D** Coil face
- E** Coil "A" plate
- F** Return-side duct



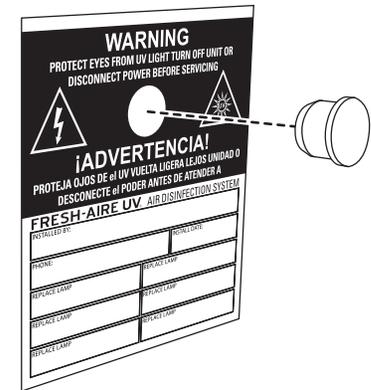
UV Lamp Mounting Options



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.

4 Sight Glass Installation

1. Find a suitable location on the outside of the duct-work near the UV Lamp installation and apply the Fresh-Aire UV® warning/lamp replacement sticker.
2. Drill a 1/2" hole through the orange circle on the sticker. Press the UV safety viewport into hole.
3. Turn on the power and use the sight glass to confirm that the UV Lamp is operating.



5 Lamp Replacement

The germicidal UV lamp needs to be replaced periodically. TUVL-115 lamps should be replaced every year. TUVL-215 should be replaced every 2 years. Note: UV lamps will continue to emit visible light but lose germicidal effectiveness over time. You can upgrade to a 2 year lamp with your existing power supply.



TUVL-115



TUVL-215

Note: Use of replacement UV lamps other than Fresh-Aire UV® voids warranty.
Caution: UV lamps contain small amounts of mercury - dispose of lamps in accordance with local environmental regulations. For more information visit www.lamprecycle.org