TIGHT FIT KIT is installed inside PTACs, Fan Coils, and air handlers with limited access to reduce biological contamination for reduced system maintenance and improved indoor air quality.

PARTS INCLUDED

- UV Lamp & Shield
- "ER" Power Supply*
- "ST" Power Supply*
- Self-Tapping Screws
- Replacement O-Rings
- Tap-in Connectors (ER model)
- Spade Connectors (ST model)
- Sight Glass
- Slit-Loom protector
- Warning sticker
- Zip-Tie
- Zip-Tie Base

* Kit includes one power supply “ER” or “ST” depending on model

IMPORTANT!

- Install so that direct UV light is not visible in occupied space
- Only qualified technicians should install this product*
- Install in accordance with relevant building codes

WARNING

PROTECT EYES FROM UV LIGHT
TURN OFF UNIT OR DISCONNECT BEFORE SERVICING

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TUV-TFK-MAN 6.4.18

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

1. Installation in PTACs and Fan Coils

1. Determine the best position for placement of the UV lamp and power supply. (see examples)
2. Position lamp for best UV exposure and to minimize light leakage into room
3. Locate lamp so it irradiates wet side of coil and/or blower areas where fouling is present
4. Mount lamp with magnet or self-tapping screws
5. Turn off power or disconnect HVAC unit before installing power supply
6. Connect to 18-32 VAC or 110-277 VAC power depending on model (see wiring diagram)
7. Apply warning/replacement sticker to outside of unit
**Power Supply Installation**

**IMPORTANT!** Check which power supply is included with your Tight-Fit Kit before connecting to power. Turn off main power source before installation.

1. Find a suitable location for the power supply inside the control panel of the air handler. Install using the self-tapping screws.

2. Use the wiring diagrams below to connect to power. The low voltage power supply (18 to 32 VAC) is marked "ER." The high voltage (120 to 277 VAC) power supply is marked "ST."

**Manufacturer’s Warranty:**

This warranty supersedes and replaces any warranty statements usually made by the Sales Person, Distributor or Dealer or contained in the written instructions or other Brochures or informational documents in relation to this product. This warranty gives you specific legal rights, and you may also have other rights which vary from State to State.

**IMPORTANT!** The Tight-Fit Kit’s components are designed to withstand the typical ambient temperatures found near fan coil and PTAC heating elements up to a constant 194°F (90°C). If installing the lamp near a heating element, secure the wires as far away from the heating elements’ wires as possible to prevent them from touching the element. In addition, use the included slit loom tubing for additional protection of the power supply wires that may be mounted near the heating elements.

**Sight Glass Installation (Optional)**

Sight glass may not be needed if reflected UV light is visible.

1. Find a suitable location on the outside of the unit near the UV Lamp installation and apply the Fresh-Aire UV® warning/putght replacement sticker.

2. Drill a ½” 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.

**UV Lamp Connection**

1. When all the other components are properly installed connect the UV Lamp cable to the Power supply cable.

2. Make sure the flanges are aligned and then push the connectors firmly together. A tight connection ensures a proper water-resistant seal.

**Lamp Replacement**

The germicidal UV lamp in Tight-Fit Kit needs to be replaced every two years. Note: UV lamps will continue to emit visible light but lose germicidal effectiveness over time.

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

**WARNING**

To protect against electrical shock or fire hazard, use only 40 W replacement lamps. Replacement UV lamps other than Fresh-Aire UV® voids warranty.

**How Do You Get Service?** In order to be eligible for service under this warranty you MUST return the warranty registration card or register online at www.freshaireuv.com. If something is wrong with your product, call your installing contractor to receive a Return Merchandise Authorization (RMA) and instructions for returning the product to a licensed distributor in your area or the manufacturer.

**How Does State Law Apply?** This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.