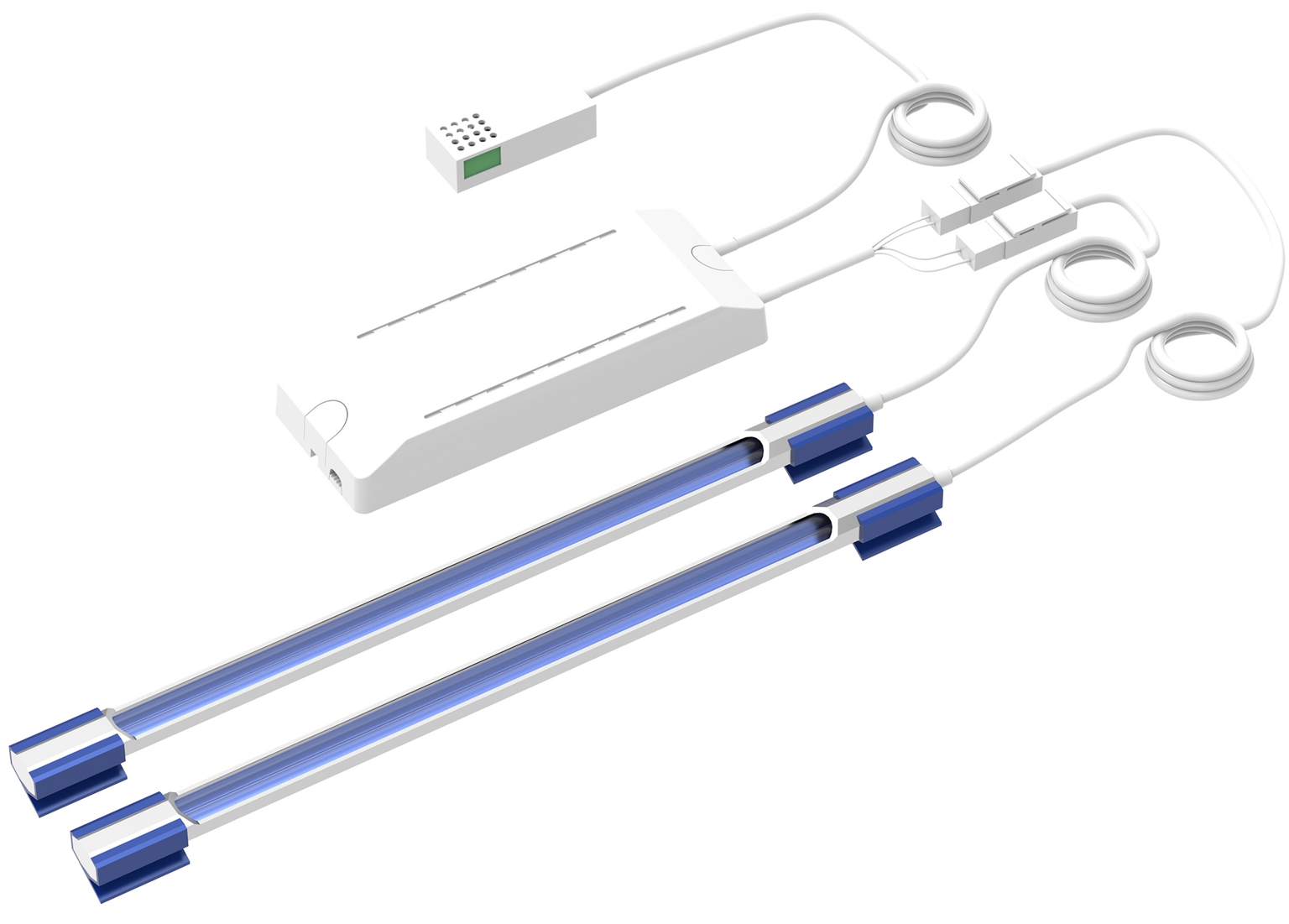
UVC LAMP KIT
UVC AIR DISINFECTION MODULE

Installation & Operation Manual



Model:AT10

This germicidal UV light is installed inside the fan coil and internal surfaces of HVAC systems to reduce biological contamination for reducing maintenance and improving indoor air quality.

BEFORE INSTALLING

- Read all instructions carefully. Failure to do so could damage the equipment or cause harm to yourself or others.
- Acknowledge all warnings.
- Only qualified technicians should perform the installation.

INCLUDED INSIDE BOX

- UV module
- Octagonal lamp brackets
- 3M tapes & Cable ties
- Installation & operation manual

SPECIFICATIONS

Specifications	
Product Name	UVC Lamp Kit
Model	AT10
Rated Power	≤16W
Input Voltage	220-240V
Rated Frequency	50/60Hz
Tube Size	12×250mm
UV Intensity	≥20000μw/cm²
Lifespan	30,000H
Package size	316×109×45mm

UV INSTALLATION NOTES

⚠ DANGER

Ultraviolet Radiation

Protect eyes and skin from direct and reflected radiation.

HAZARDOUS VOLTAGE

Turn off and disconnect power before servicing.

Hg- LAMP CONTAINS MERCURY.

Do not put in trash. Dispose in accord with local, state or federal law.

This module is typically used in fan coil and other limited space applications. Because space is tight, the best place for mounting the UV lights is usually inside the supply vent with the light shining onto the blower wheel (which is prone to the worst mold growth.)

Installation in Fan Coils

1. Determine the best position for placement of the UV lamp and power supply. (Fig. 1-Fig. 3)
2. Position lamp for best UV exposure and to minimize light leakage into the room.
3. Locate lamp so it irradiates wet side of coil and/or blower areas where fouling is present.
4. Mount lamp with 3M tapes.
5. Mount airflow sensor with 3M tape.
6. Apply warning sticker to outside of unit.

Fan Coil Unit (FCU)

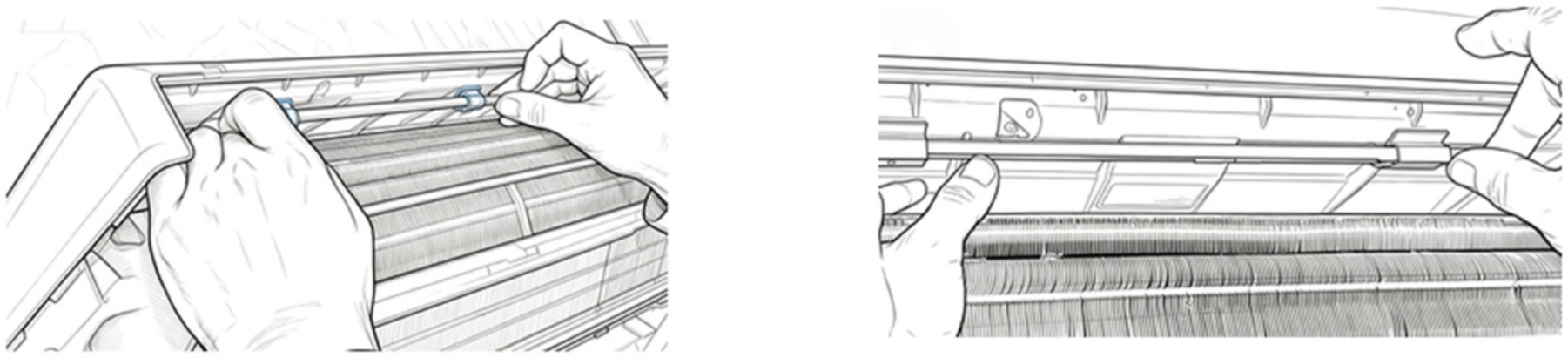


Fig. 1. Example FCU Installation

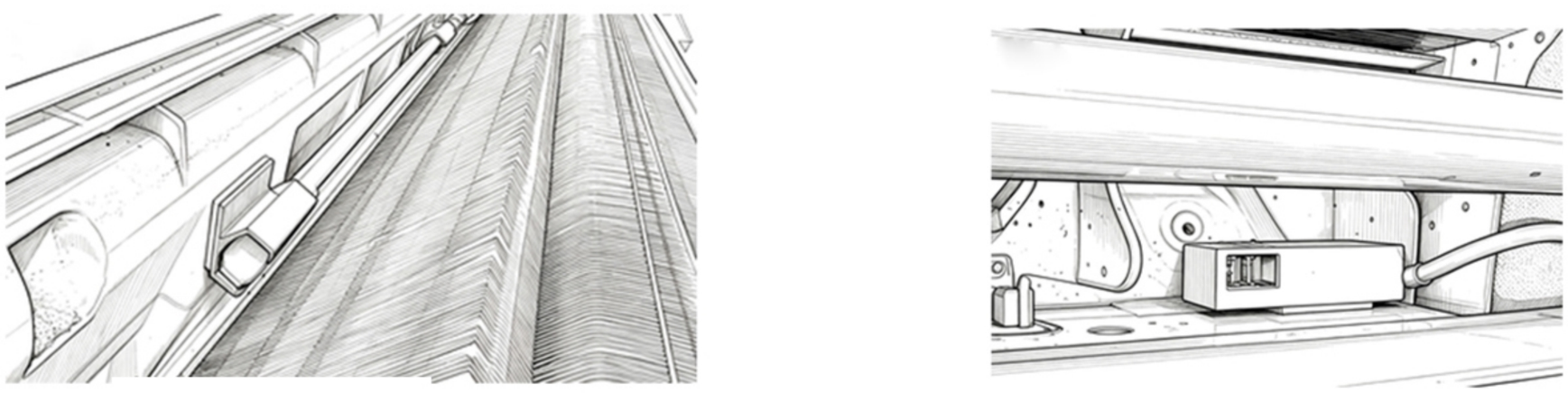


Fig. 2. Example FCU Installation

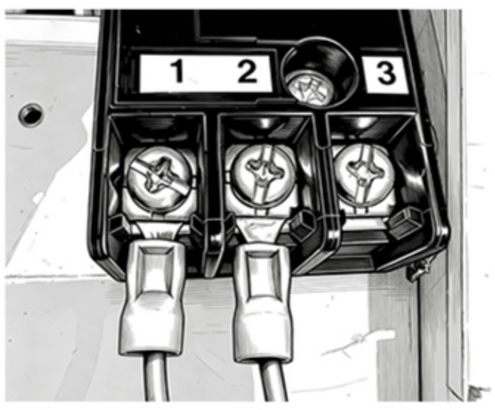


Fig. 3. Example FCU Installation

NOTE

1.The energy saving airflow sensor turns the unit on only when the unit working. When the unit off, the UV system will light off automatically.

2.Clean lamp prior to installation: Use a cotton cloth to remove dirt and fingerprints. Failure to clean the lamp could shorten the lamp's lifespan.

3.Follow all instructions on any labels or tags. Carefully inspect all packing materials before discarding to prevent the loss of accessories, mounting hardware, spare parts or instructions.

4.Please keep the operating instructions in a safe place.

5.Appliances that are obviously damaged must not be operated.

6.Replacement of the UV-C emitter or cord is not allowed by users as qualified technician is required to avoid risk.

7.Please keep children and animals away from work area.

8.Children are not allowed to reach this product.