UVC LED KIT
UVC AIR DISINFECTION MODULE

Installation & Operation Manual

Model:AT10-LED

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
- 3M tapes & Cable ties
- Installation & operation manual
- UV warning label

SPECIFICATIONS

Dimensions	Lamp Length	245mm x 16mm Diameter
	Power Module	127 x 49 x 19mm
Wavelength		275nm
Electrical		90-264V
Rated power		≤12W
Weight		450g
Humidity		Water resistant lamp
Lamp Life		30,000 hours
Warranty		1 year

UV INSTALLATION NOTES

⚠ DANGER

Ultraviolet Radiation

Protect eyes and skin from direct and reflected radiation.

HAZARDOUS VOLTAGE

Turn off and disconnect power before servicing.

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)

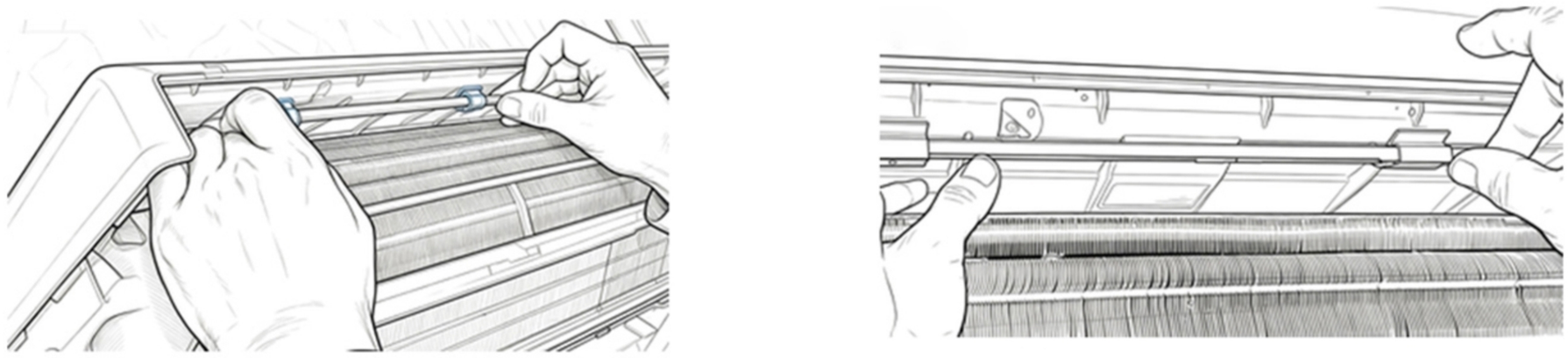

Fig. 1. Example FCU Installation

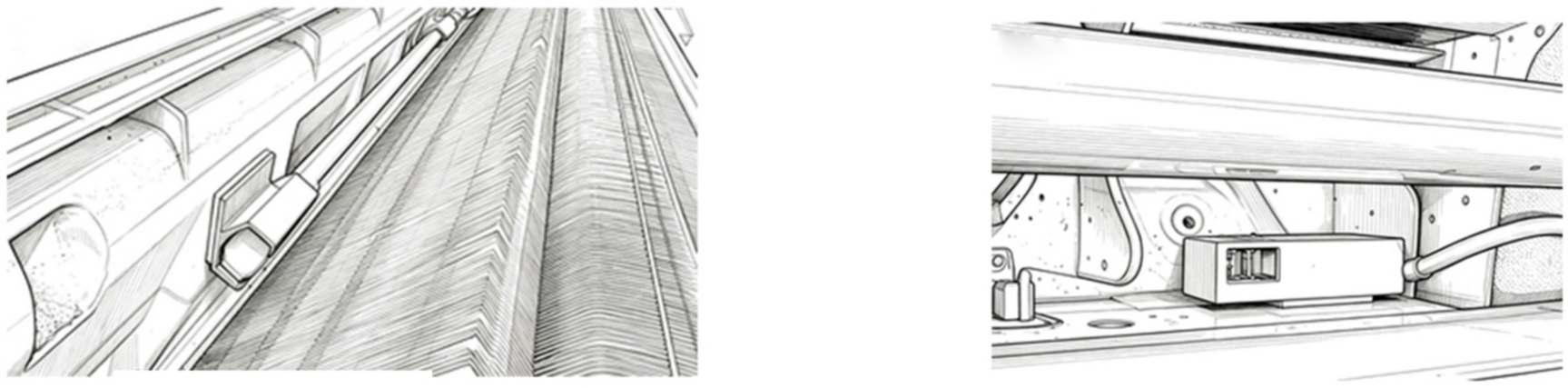

Fig. 2. Example FCU Installation

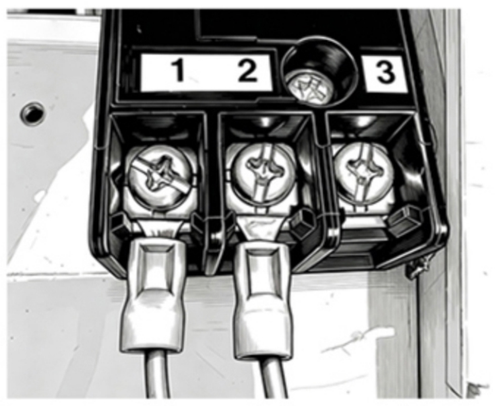

Fig. 3. Example FCU Installation

NOTE

1.The energy saving airflow sensor turns the unit on only when the mini-split or cassette air conditioner unit working. When the mini-split or cassette air conditioner off, the UV system will light off automatically.

2.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.

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