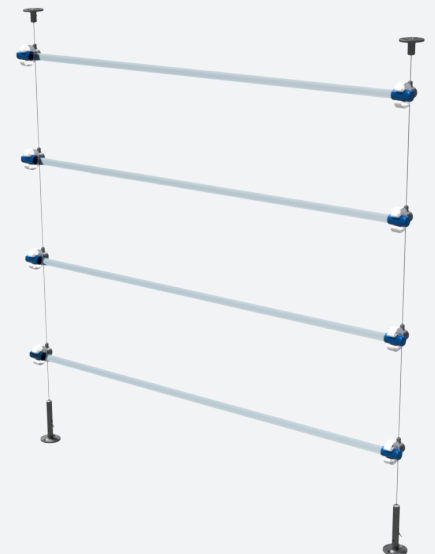


Fighter Flex System

Specifically designed to disinfect the air and coils within an HVAC system. Our compact germicidal UV-C system works with fan coils, air handling units, unit ventilators, and compact AC units.

KEY FEATURES

- Keeps people safe from viruses, bacteria, fungus and mold coming through air handling units
- Patent-pending aircraft cable UV lamp racking for quick and easy install
- Toolless lamp position adjustments
- Low maintenance with no filters to change
- Decreases maintenance by preventing mold and fungus found on HVAC coils
- Aircraft cables are easily cut to size to seamlessly fit into Air Handling Unit
- Various lamp power cord options
- High intensity 254nm UV-C lamps
- Optimal for retrofit, renovation or new OEM HVAC units
- Customizable to fit into any space
- Connects seamlessly via Modbus or BACNet to building automation systems as well as PURONet, PURO's proprietary, cloud-based reporting software



UV-C BENEFITS

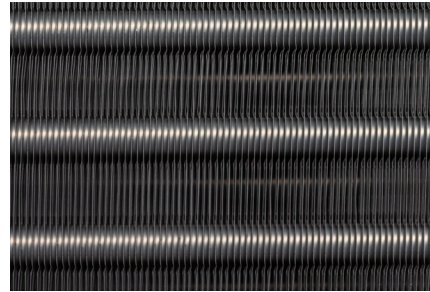
UV-C disinfection of HVAC coils inhibits the growth of molds and bacteria contributing to fouling and biofilm growth.

Clean coils allow for a more efficient system, improving thermal transfer within the HVAC unit. Saving between 15-20% energy use.

Dirty Coil



Clean Coil

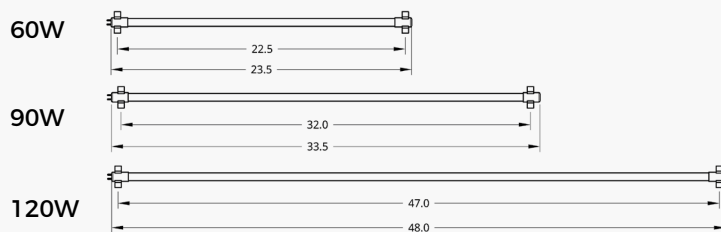


Fighter Flex UV Air	PAL-SL-60	PAL-SL-90	PAL-SL-120
Average Lamp Lifetime (hrs)	≤18,000	≤18,000	≤18,000
Power (W)	60	90	120
Lamp Length (in)	23.5	33.5	47
Weight (lbs)	0.165	0.22	0.33

TECHNICAL DRAWINGS

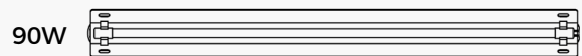
Track/Universal Mount [TM,UM]

For use in larger HVAC/RTUs that require multiple lamps and have space for air-craft cable racking.



Deflector Mount [DEF]

Deflectors can be used to protect sensitive material in any sized unit.



Magnet Mount [MG]

For use in smaller HVAC/RTUs and Unit Ventilators.



*Available for use in all lamp lengths

SYSTEM ELECTRONICS

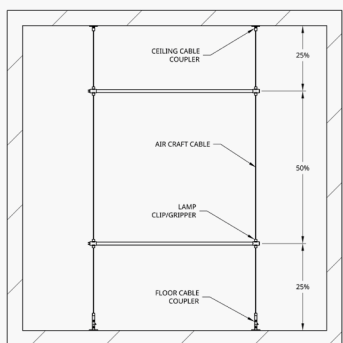
Lamps are powered via electronic ballasts. For further specifications reference access control system spec sheet.

- Input Voltage/Frequency: 120-277VAC @ 50/60Hz
- Lamp Quantity: 1-2 Lamps per ballast [reducing overall quantity of ballasts]
- Ballasts are specified along with entire racking system and are housed within ballast boxes [1-7 Ballasts].
- Ballast Control allowing for safe entry into AHU/RTU
- Large Systems - Relay boxes paired with magnetic switches [one per doorway] will be specified with systems that utilize multiple ballast boxes.
- Small Systems - Mechanical switches [one per doorway] wired in-line with power entry to ballast box.

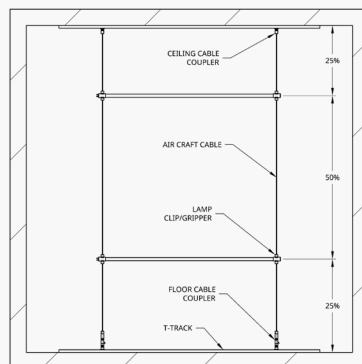


INSTALLATION OPTION DIAGRAMS

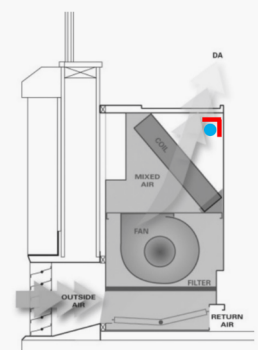
Assemble the Kit inside the AHU, in front of the heat exchanger (coil). For more detailed instructions please reference the user guide.



Universal Mount [UM]



Track Mount [TM]



In Unit Ventilator [DEF]

Please contact your local regional sales director for custom solutions.