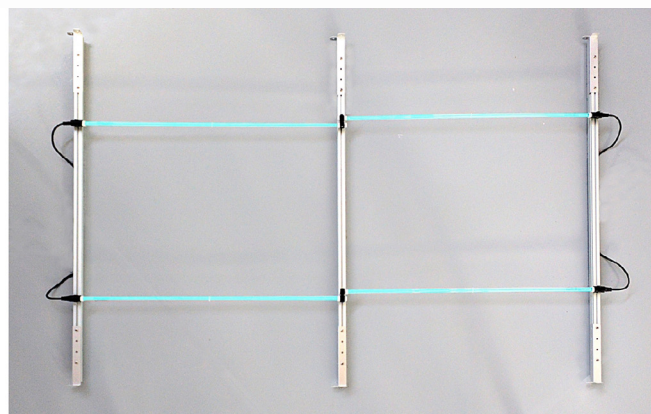
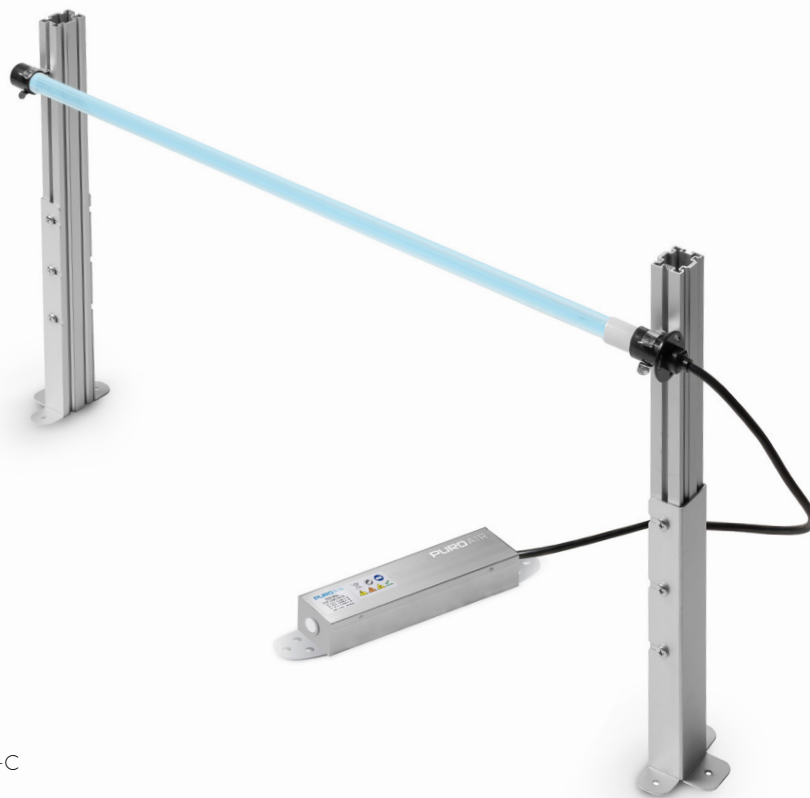


Fighter – UV Air HVAC

Specifically designed to disinfect the air, our compact germicidal UV-C Kit works with fan coils and air handling units.

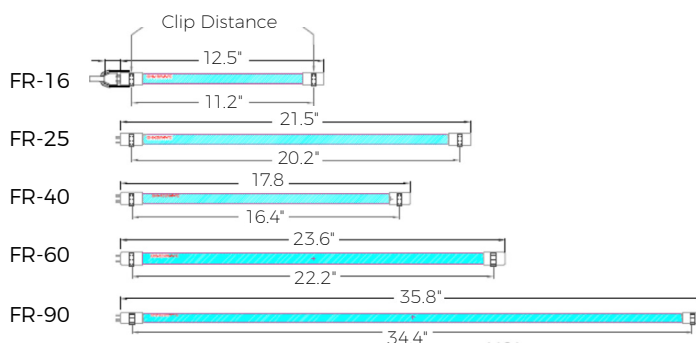
KEY FEATURES

- Quick Connect System plug & socket
- The device is IP44 protection class
- Selective high efficiency UV-C lamp (at 253.7nm)
- Optimal for retrofit applications
- All materials are tested for resistance to intense UV-C
- Powered by electronic ballasts specific for UV-C lamps
- Complies with the noise standards of Directive 2006/42/EC
- Values measured according to UNI EN ISO 3746
- Non-detectable and non-transmissible vibration values
- Suitable for class 1 installations – protected areas



Fighter UV Air HVAC	16-P	25-P	40H-P	60H-P	90H-P
Average Lamp Lifetime (hrs)	≤18,000	≤18,000	≤ 18,000	≤18,000	≤18,000
Consumption (w)	16	21	40	60	85
Lamp Length (in)	12.5	21.5	17.8	23.6	35.8
Weight (lbs)	.4	.7	1.5	1.7	1.8

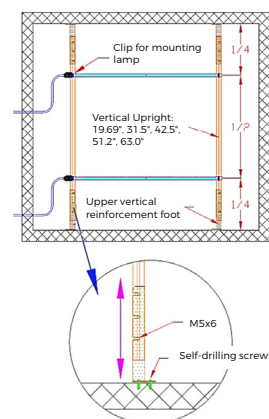
TECHNICAL DRAWINGS



INSTALLATION

Assemble the Kit inside the AHU, in front of the heat exchanger (coil).

- 1) Cut the vertical uprights VU-... to a length equal to the internal height of the AHU, less than 6 inches which will allow room for the feet.
- 2) Place the lamp holder clips on the vertical uprights, ensuring equal distribution so the lamps cover the entire area.
- 3) Fix the feet on the vertical uprights using the included screws.
- 4) Fix the feet at the bottom of the AHU floor with self-tapping screws, then slide them along the upright, then fix the feet on top of the AHU ceiling. Use a level to fix the upright perfectly vertical. Mount clips with included screws and attach units according to the provided diagram.



HOW TO ORDER

Please specify components below using the letter code in bold to select the desired options.

Model	Lamp Type	Mounting
FR = Fighter Air HVAC	16 = 16W mercury vapor UV-C lamp 25 = 25W mercury vapor UV-C lamp 40 = 40W mercury vapor UV-C lamp 60 = 60W mercury vapor UV-C lamp 90 = 95W mercury vapor UV-C lamp	CP = Clips only RK = Racking*
Example order: FR-25-CP		

*Please contact your dealer for custom racking solutions.

RACK MOUNTING

Vertical Upright	Feet	Joint
VU-20-XX = Vertical upright, 19.69" length VU-32-XX = Vertical upright, 31.5" length VU-43-XX = Vertical upright, 42.5" length VU-51-XX = Vertical upright, 51.2" length VU-63-XX = Vertical upright, 63" length	VU-FT-XX = Foot for vertical upright, includes 2 square nuts M5 and 2 screws M5x6	VU-J-XX = Joint for vertical upright, includes 8 square nuts M5 and 8 screws M5x6