

## Air Sanitization in FANCOIL UNITS

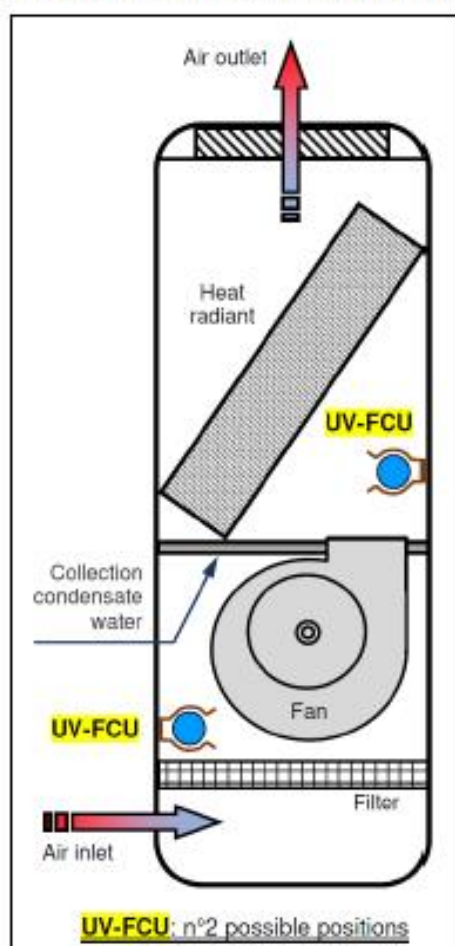
This system for air disinfection treats also the internal section of the fan coil, such as thermal battery and the condensation water that is formed. Air and water vehicle often various specific pathologies.

To install it you need to fix supplied clips using self tapping screws. The perfect spot to apply UV-FCU-CL is the space between fan and heat/cooling battery. The installation is easy, you can also apply it on fan already installed and working (technology retrofit on existing systems).

The power supply to power up the system is compact and is equipped with a special connection plug/socket that simplifies the lamp replacement. We suggest to apply it on the fan coil side and power it using the primary electrical connection used by the fan.

This solution helps to improve the IAQ (Indoor Air Quality) in hotels, offices, patient rooms, schools, disinfecting deeply the fan and the air we put into the environment.

The fan coils are normally equipped with a filtration system that is not enough to ensure the air cleanliness. The function of air cooling performs by the fancoil is particularly at risk because the heat exchange operated by the coil produces humidity and condensation that promotes the proliferation of contaminants, infectious diseases and molds.





UV-FCU-CL	16-P	25-P	40-P	60H-P
RANGE DURATION (hours)*	≤ 18.000	≤ 18.000	≤ 18.000	≤ 18.000
TOTAL CONSUMPTION (W)	16	21	40	60
LAMP LENGTH (mm.) "A"	318	546	843	600
INTERAXIS BETWEEN CLIPS (mm.)	284	513	808	565
COMPLESSIVE WEIGHT (Kg.)	0,20	0,30	0,70	0,30
PROTECTION RATING	IP 44			
REPLACEMENT LAMP	GH3-16W	GH5-25W	GH8-40W	GH6-60WH

UV-FCU-CL	90H-P	120H-P	75-P	150H-P
RANGE DURATION (hours)*	≤ 18.000	≤ 18.000	≤ 18.000	≤ 18.000
TOTAL CONSUMPTION (W)	85	100	76	150
LAMP LENGTH (mm.) "A"	910	1191	1554	1554
INTERAXIS BETWEEN CLIPS (mm.)	875	1156	1519	1519
COMPLESSIVE WEIGHT (Kg.)	0,70	0,80	0,90	0,90
PROTECTION RATING	IP 44			
REPLACEMENT LAMP	GH9-90WH	GH11-120WH	GH15-75W	GH15-150HW

\* continuous operation/accensione continuativa

## Installation in Fans (FANCOIL)

For installation, simply fasten the supplied clips with self-tapping screws in the space between the fan and the heating/cooling coil; the lamp is inserted between the above sections and locked with the clips. Installation is simple and it is also possible to use it on already installed and working fan coils (re-trofit technology on already existing systems). The supplied electronic power supply unit, which is small in size, is supplied with a plug/socket connection system that simplifies lamp replacement. Usually it is fixed in the side compartment and powered by the same primary current that powers the fan. Mounting of the kit inside the AHU, in front of the heat exchange battery (COIL).

Remove all the components from the box, checking that they are complete. These are the operations to be followed for assembly:

1. According to the type of arrangement chosen, cut, if necessary, the vertical uprights (UpR-AL....) to the length equal to the internal height of the AHU reduced by about 10/20 cm, to leave space for them to be inserted into the AHU. This space will be compensated by the feet (SB-AL).
2. Place the CLIP lamp holders in the vertical uprights, paying attention to the position of the lamps so that they are evenly distributed. Fix the feet (SB-AL) on the vertical uprights using the M5x6 screws and the M5 nuts (located in the upright slot) by sliding them to the ends.
3. Fix, with self-punching screws, the feet (SB-AL) at the bottom on the floor of the UTA, then sliding them along the upright, you will then fix the feet (SB-AL) at the top on the ceiling of the UTA. Use a spirit level to have the mast perfectly vertical. Distance the vertical uprights according to the red measure in table 1 indicating the distance between the clips, according to the model of lamp used.

