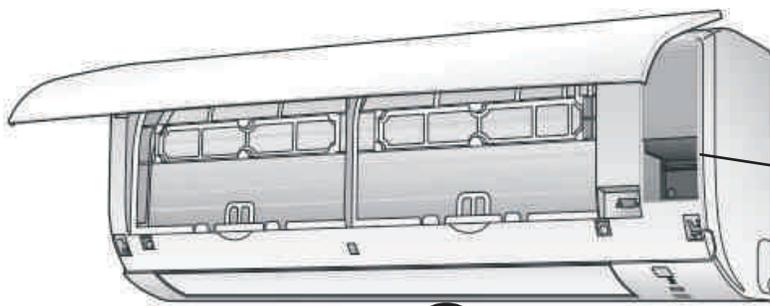


Ultraviolet UV Cleaner for Split Ductless Air Condition Units

UV Light Disinfection Stops biological virus, bacterial, fungus or mold growth on fan, coil and other surfaces thus stops related bad odors.

Dust and moisture in your AC fans and Inner surfaces are ideal breeding grounds for micro biological contamination, regular AC service does not clean deep inner areas of the unit, the air released is infected with virus, germs, bacteria and mold, today 90% of Homes & Offices breath polluted Air. It can sanitizes Air upto 99% in 30 minutes for room size 15 x 15 feet



Small Electronic Driver can be mounted inside the unit or can be mounted outside unit wall as well

Ultraviolet UVC Lamps mounted on each side near Air Blower inside the unit

- ✓ UV-C Intensity : 0.85 nW/cm²
- ✓ Fits into all major AC Brands
- ✓ Easy to fit in under 10 minutes
- ✓ Power Option 110AC to 240VAC
- ✓ Two UV Germicidal 254nm lamps
- ✓ Rugged IP20 Aluminum Construction



Thin UV-C Light 10-Inch Fixtures

Mounting Instructions

TechMed introduces SplitUV which provides maximum UV-C germicidal disinfection for Indoor Split Air Condition units, such standalone AC units are found in Homes, Hotels, Hospitals, Offices, Schools, Spas, Banks, Restaurants, etc...

High-intensity UV lamps which produce 254nm wavelength UVC light kills microorganisms such as virus, bacteria, and molds that grow inside Air condition indoor split AC units, besides, it reduces airborne biological contamination. UVC light also helps to clean and improve indoor air quality and stops biological contamination growth on AC blower fans.

The SplitUV unit can easily be installed by commercial or residential HVAC contractors. The unit comes with 2 UV-C light fixtures which are moisture-proof in an aluminum casing, it can be directly mounted near the AC Air blower with screws or using double-sided adhesive tape (3M tapes).

Also, you have to install Electronic UVC tube drivers this can be installed inside the AC unit or can also be mounted external side of the indoor split unit. The unit works on 110V/230V AC and the power can be sourced from the AC input directly. Installation time is around 15 minutes for the professional technician, below we have shown steps for installation.



The box contain 2 UV Light Fittings with wire and an Electronic driver circuit box, along with wire mounting clamps, screws as standard, a professional HVAC technician is recommended for installation the UV Lights and drivers inside the split AC unit.



First step is to Power off the entire AC Unit, then you need to remove the AC Air swinging flaps with a screw driver

Mounting Instructions



Then clean the surface near the Air Blower, should have no dust, grease, or any residual, use brush and moist cloth for optimal cleaning.



Then remove the lights from the box, now you have to mount the light fixtures to near the air blower of the indoor unit using small screws or can also mount with self adhesive tape provided in the unit.



Mount the Electronic Driver inside the Split AC unit, if there is a space constraint then mount it outside the indoor AC unit as shown, the AC input is to be given to the AC side mark of the driver circuit and the output side is to be connected to the UVC light wires.

So when the AC starts the UVC lights get powered and remain ON during operation, if the user chooses to ON/OFF the unit on his demand he can do so by using power micro switch mounted on to the driver.



When finally assembled inspect and power on the unit, this is how the UV lights installed work when in operation, it focus the UVC light on to the AC Air blowers this killing biological contamination as well cleans room air.