



**Developed by Ventilation Engineers
for Healthier Indoor Living**



Clean Air



Low Energy



Irradiation



Reliable indoor air - today and tomorrow

We are living in changing times where not only area ventilation systems itself is undergoing significant changes. The role of the clean indoor air is vital for families, companies, and in our society. The advancements in air conditioning-heating technology are exploding and new technology eras are evolving.

Caring for the environment results in new solutions and there are financial uncertainties to tackle. New ventilation systems pop up and the consumers demand more than just a unit that works. They demand safety and an experience. Marvelzap vision is to aid the journey to safer indoor air in homes, offices and by doing so, we also embed experiences to people.



Comprehensive solution for indoor air cleansing

The air in rooms treated with air conditioning or ventilation technology (rooms, halls, homes, workplaces, hotels) may contain several substances that are harmful to the occupants (gases, dust, microorganisms, viruses). These extremely small (<2.5 µm) airborne dust particles also enter the deeper respiratory tract, carrying with them pathogens attached to their surfaces. The 265-70nm UV-C LED light source is mercury and ozone free. Test measurements have proven a pathogen neutralization performance of >99%. Air Robot UV-C technology is an excellent solution for those in closed rooms and provides pervasive climate protection and climate adaptation assistance for the prevention of diseases spread by airborne pathogens.

Benefits of the Air Robot

Get the task done

- Use with any type of Split A/C unit
 - Most efficient way for cleansed air
 - Mistake free operation
 - Easy install and connect
- 99.1% pathogen free air
 - All year around help
 - Chemical residue free
 - Non allergen

Increase your indoor health

New approved UV-C Technology

- Tested to BS 8628 standards
- OSHA indoor safety compliance,
- 270 nm UV-C LED disinfecting
- Germicidal Irradiation without eye contact
- Mercury and ozone free

Future driven air decontamination

Air Robot is packed with functions for you to perform the continuous air decontamination with 99% efficacy, from the moment it's turned on. Functions and features like Remote On-Off, Billet Catalyst, Easy Installation, and Universal Fit helping this just mention a few.

With Air Robot UV-C Germicidal Irradiation in use in use, you can rest assured that dangerous airborne pathogens such as Sphingomonas, Methylbacterium, bacterial flora, allergens, and many others are instantly destroyed.

Improving indoor health! Quickly. Accurately and Confidently!

The sooner you start this, the sooner you can anticipate living or working in a much healthier environment.

Output and efficacy are tested according to BS 8628 standard.



Trusted USA Quality

From the first idea, through development and to the final product, all our solutions evolved ventilation engineers from the USA and EU industry experts. Made for commercial applications expecting a professional solution that helps in solving indoor quality and related health hazards, quick, easy and reliable way. Air Robot is a result of over 15 years of ventilation engineering experience, real service knowledge and a drive to always improve the quality of our solutions.



Decontaminated Air



UV-C Irradiation Technology



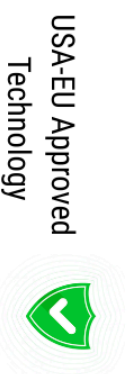
Easy installation



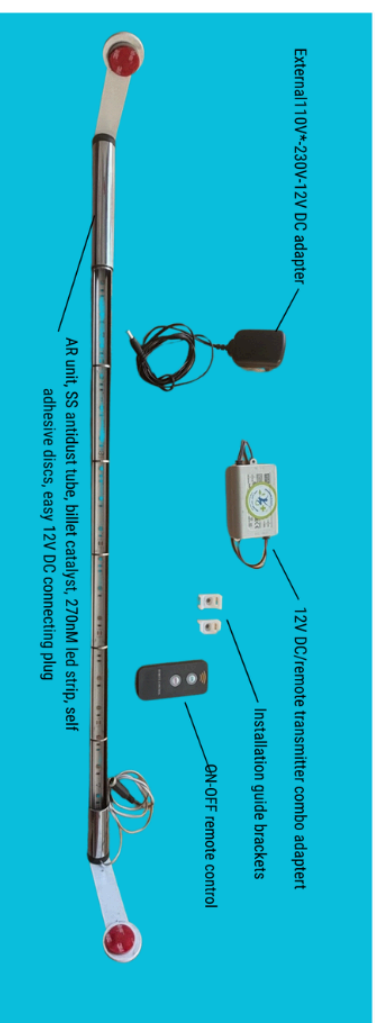
Non Allergen



Low power consumption



USA-EU Approved Technology



Marvelzap Air Robot kit includes:

- 1pc Air Robot unit with UV-C LED 270nm strip, with 3m (10') power cable.
- AR unit fits Split a/c housing outside dimensions*: min: 76cm (29.5")-max. 90cm (35.4")
- 1pc 110V-230V-12V DC/remote transmitter adapter for internal use.
- 1pc 110V*230V-12V DC adapter for external use
- 1 pc remote control
- 2pc installation guide brackets (disposable)

To manually operate the Air Robot after attaching it to the Split unit, simply plug in the provided adapter to the wall socket. External wires are bother some? To connect the power supply of the AR unit to the Split unit is easy.

For this simple direct electrical connection to the Split unit please contact your a/c service personnel.

*For other size of units we do make custom made versions. Please specify home voltage when ordering.



Technical specifications:

Power supply 110V-230V with external/internal connection

Dimensions: 70cm-90cm (27-35.5")adjustable, SS tubing

UV-C: LED bulb/6-8mW 270nm 12V 260mA

Compliance:UL 1598-Luminaires, IEC62471-PhotoBiological Safety,

Class 2 Electrical Device

Spectral measurements (OHSP350UVS) in the 220- 290 nm band

Remote control: radio frequency

Weight: 0.70kg (1.5lb)



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