



(<https://www.purifiedair.com>)

■ UV-O Range



Our UV-O range includes:

- UV-O 500 which can handle up to 1 m³/sec of air flow
- UV-O 1000 which can handle up to 2 m³/sec of air flow

The UV-O range uses UV-C technology to produce ozone and hydroxyl free radicals to oxidise cooking odours through a process of ozonolysis.

Unlike other UV-C systems, our UV-O units are located outside of the kitchen extract duct and are connected via a spigot and small diameter ducting.

Although it is widely accepted that the best way to apply UV-C light is directly in-line with the air stream itself, performance will be impacted as the lamps get dirty.

With our UV-O units the air flow does not come from the exhaust duct but from the ambient air around the unit, which is filtered on entry. This means that it is able to provide a uniform supply of ozone and hydroxyl free radicals into the extract system with an extremely low pressure loss.

For optimum performance we would recommend between 2 & 6 seconds of dwell time to allow the ozone to work effectively upon the malodorous gasses within the duct.

This unit's tried and tested UV-C technology allows for the siting of commercial kitchens in locations such as residential areas and shopping centres, where previously planning permission may not have been granted. After extensive research and development Purified Air are able to devise the best combination of lamps to provide the most effective odour control.

KEY FEATURES

- Easy to install
- Compact design
- Can be retro-fitted into existing duct
- Virtually no pressure loss
- No monthly maintenance needed.



Specialists Since 1984

Purified Air is a multi-faceted company, with manufacturing, specialist design, contracting and maintenance divisions within the commercial kitchen exhaust filtration and odour control spheres.

We are constantly striving to improve our technology through innovative R&D ensuring that we not only retain our loyal customer base but keep it growing as well.

As one of Europe’s leading environmental control specialists we offer a diverse range of products and systems worldwide.

CONTACT US
([HTTPS://WWW.PURIFIEDAIR.COM/CONTACT-US/](https://www.purifiedair.com/contact-us/))

Technical Specifications

	UV-O 500	UV-O 1000
Electrical Supply:	200/240V 50Hz	200/240V 50Hz220/240V 50Hz
Max Power Consumption:	120 Watts	700 Watts
Max Air Volume:	up to 1m3/sec	up to 2m3/sec

UV-O 500

UV-O 1000

Dimensions: H 300mm / W 605mm / D 200mm

H 350mm / W 1568mm / D 363mm

Weight: 10.5 Kg

50 Kg

PURIFIED AIR



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HELPFUL LINKS

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PRODUCTS

[Oil Smoke and Grease Control\(https://www.purifiedair.com/our-products/esp-range/\)](https://www.purifiedair.com/our-products/esp-range/)

[Odour Control\(https://www.purifiedair.com/our-products/odour-control/\)](https://www.purifiedair.com/our-products/odour-control/)

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