



## PROTECTAIR RANGE

LIFTS HYGIENE STANDARDS TO A LEVEL  
IMPOSSIBLE WITH TRADITIONAL  
CLEANING ALONE

**PRODUCTS: P10 // P20 // P30 // P40 // P60**

**AIRsteril<sup>®</sup>**  
UV AirTech Corp

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## REMOVE ODOURS, CONTROL INFECTION & IMPROVE HYGIENE

- Reduces harmful viruses
- Circulates fresh clean air
- Breaks down unwanted bacteria
- Attacks odours at their source
- Removes unhealthy microbes from the air
- Makes every room smell freshly cleaned
- Maintains sanitized surfaces
- Stops mould and fungi growth
- Clears smelly compounds in the air 24/7



### › PROTECT YOUR AIR QUALITY

Maintaining a clean and healthy internal environment can be a constant challenge. Unpleasant odours or stale air may be a source of embarrassment but the biggest health risks are often overlooked. Odours can be a sign of high bacteria or VOC levels. The risk of illness passing between individuals is present in any shared space, this is elevated by the number of people or lack of fresh air.

AIRsteril technology removes odours, ensuring fresh clean air and constantly reduces unhealthy microbes and compounds.

The ProtectAIR range is the most advanced and flexible AIRsteril product available. As a free standing unit, the ProtectAIR can be easily placed centrally (on a desk/table/counter or shelf) and instantly gets to work to clear odours and protect you from microorganisms and contaminants.

Simple LCD touch panel for all controls. Easily change the quantity of air processed through the internal cleaning chamber with 6 fan speed options ranging from silent operation to 4100rpm. Timer options allow continuous operation or auto switch off after 2, 4, 8, 12, 16 or 24hrs.

### › ODOUR AND INFECTION CONTROL IN

- › Offices
- › Receptions
- › Domestic
- › Waiting areas
- › Consulting rooms
- › Bedrooms

### › PROTECTAIR FEATURES

- › LCD touchscreen controls
- › Adjustable fan power with 6 speed settings 0-4100 rpm allowing for completely silent operation or rapid air processing.
- › Timer option to allow continuous operation or auto switch off.
- › Day counter (displays how long unit has been operating) and features lamp replacement reminder.
- › Minimal maintenance, annual lamp change maintains performance.
- › Designed to operate standing on a desk, tabletop or shelf.
- › Only 30w power consumption.

**THE MOST ADVANCED BACTERIA CONTROL TECHNOLOGY OF ITS KIND**



› FLEXIBLE OPERATION

The unit can be easily turned on/off via the touchscreen LCD panel. This is also used to adjust fan speed and timer, with information clearly displayed.

Unit should only be operated on a flat stable surface at desk height or higher for peak performance

There are a range of product lamps available to ensure best results in different area types, full guidance can be provided on this.



› SERVICING MADE EASY

The built in safety micro-switch cuts power if cover removed, to avoid any accidental exposure to the powerful UV lamp, but power should always be disconnected before attempting any work.

The ProtectAir requires an annual lamp change and internal clean to maintain performance. The unit features a lamp replacement reminder and day counter to display how long it has been in operation, this can be reset via the LCD touch panel.

**ODOUR ELIMINATION  
 GUARANTEED**

\*Full terms and conditions upon request

**TECHNICAL DETAILS**

**ProtectAir Unit Dimensions**

430mm (l) x 120mm (w) x 120mm (d)

**Power Supply**

DC24V universal power adapter, 110-120v input 50/60Hz, 30 watts

**Set Up**

Designed to operate standing on a desk, tabletop or shelf

**Construction**

All anodized aluminium structure with polycarbonate covers and base.

**Weight**

2.2kg

**Operation**

17W specialist UV lamp with alternative options for different room sizes. Adjustable fan and unit timer.

## FLEXIBLE DESKTOP OPERATION



### › OPERATION AND SAFETY

- The unique balance of technology used by AIRsteril has been tried, tested and refined over many years to ensure the best achievable results with every unit supplied.
  - Whilst all products share our technology combination, the levels are adjusted between different product ranges and individual unit variations to ensure peak performance.
  - Due to the unit design UV light cannot escape the unit from any angle meaning it is completely safe.
  - Ozone levels used are substantially below the most stringent emissions regulations worldwide.
- The built in safety micro-switch cuts power if cover is removed, which avoid the possibility of accidental exposure to the powerful UV lamp.

### › HOW AIRSTERIL TECHNOLOGY WORKS

A combination of technologies working together:

#### *Internal*

- Germicidal Irradiation** by dual UV light (Ultraviolet) kills microorganisms (bacteria, viruses and mould) by disrupting their DNA and removing their reproductive capabilities.
- PCO – Photocatalytic Oxidation**, UV reacts with our Catalyst (TiO<sub>2</sub>) to form highly reactive but short lived oxidising Hydroxyl Radicals (OH) which break down Volatile Organic Compounds (VOCs).
- Interaction of the Dual waveband UV with the TiO<sub>2</sub> heterogeneous catalyst both creates and breaks down Oxygen molecules transforming Oxygen into a highly reactive states of Ozone and Superoxide Ions which leave the unit as "**Plasma Quatro**".

#### *Transmitted Technology*

- The negatively charged **Superoxide Ions** charge airborne contaminates causing them to cluster together and fall from the air as they become too heavy, aiding all other processes. This can remove airborne particulates down to 0.0001 micron, that's better than any HEPA filter.
- Targeted Ozone** produced via the specialist lamp boosts distribution of the purified air, ensuring contaminates are cleared throughout the area. Ozone also destroys unpleasant odours and creates a fresh pleasant smell.



For more information or to book an air quality check call:

PHONE NUMBER



**+1 305 773 0444**

ADDRESS

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