

AIRsteril<sup>®</sup>

## MULTIFLEX RANGE

BEAUTY IS ONLY SKIN DEEP, IT'S  
WHAT'S INSIDE THAT COUNTS

PRODUCTS: MF20 // MF40 // MF60 // MF80

  
uvsafe  
Managing Biosafety

# MULTIFLEX RANGE

MF20 // MF40 // MF60 // MF80



## LIFTS HYGIENE STANDARDS TO A LEVEL IMPOSSIBLE WITH TRADITIONAL CLEANING ALONE

### 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
- > Stops mould and fungi growth
- > Clears smelly compounds in the air 24/7



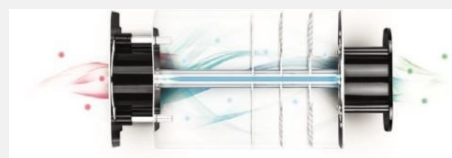
### HYGIENE PROBLEMS

In enclosing spaces, lingering unpleasant odours are an embarrassing problem. Air-borne microorganisms create offensive odours, spread infections and compromises hygiene standards, bacteria breed so quickly they cannot be cleared with traditional cleaning. Masking odours can create a more unpleasant environment.

- > Fan operation distributes cleaning air
- > Annual lamp change maintains performance
- > Robust vandal resistant Aluminium casing
- > Wall or ceiling mountable on four screws
- > Plug in or quickly wired into fused spur

### PERFECT FOR USE IN

- > Changing rooms - Gymnasiums, Offices
- > Kitchens and food preparation areas
- > Care homes - Lounges, Corridoes, Receptions
- > Waiting Rooms
- > Open plan offices
- > Nurseries
- > Veterinary Surgeries
- > GP Surgeries



Area Size	20m <sup>2</sup>	30m <sup>2</sup>	60m <sup>2</sup>	80m <sup>2</sup>
Odour & infection control	MF20	MF30	MF60	MF80

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THE MOST ADVANCED BACTERIA CONTROL TECHNOLOGY OF ITS KIND, USED BY THE BEST PROFESSIONALS IN THE BUSINESS



## SERVICING MADE EASY

Power must be disconnected before attempting any servicing and only undertake by a competent individual. All Airsteril partners have fully trained engineers to carry out all servicing work.

The MF cover is easily removed by taking out four screws, then the two finger screws removed from the lamp housing plate allow lamp replacement. Any dust or debris build up should be cleared from the fan and interior.

Lamps must be changed on an annual basis to maintain performance.

## HOW OUR AIR SILENT SYSTEM WORKS

All AIRsteril units utilise a unique combination of 5 technologies. They eliminate unpleasant odours and control harmful bacteria and viruses 24 hours a day, 365 days of the year.

The MF units are suitable for use in areas of continuous occupation in enclosed spaces. The number in the unit code signifies the floor area - an MF40 covers 40m<sup>2</sup> and an MF80 covers 80m<sup>2</sup>. For larger areas a combination of MF units is used, for infection control only a lower powered unit can be used. The MF is fan driven and can easily be ceiling or wall mounted for continuous operation via a fused spur, or plugged in. Alternatively it is supplied with rubber feet and can be placed on a high surface.

## ODOUR ELIMINATION GUARANTEED

\*Conditions Apply

Multiflex Unit Dimensions	Construction
430mm (L) x 130 (W) x 100mm (D)	Anodised Aluminium Extrusion
Power Supply	Weight
220 - 230V 33 watts	2.4kg
Set Up	Operation
Wall or ceiling mounting. Easy marking and fixing at four points.	Continuous, indicated by blue lamp. Requires annual lamp change.

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## PHOTO CATALYTIC OXIDIZATION POWERPACK UNIQUE TO AIRSTERIL



### 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.

- > 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.

Power via a plug with an inline switch allows flexible installation and easy connection to existing sockets.

### HOW AIRSTERIL TECHNOLOGY WORKS

A combination 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 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 contaminants 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 gets the hardest to reach areas breaking down contamination in the air and on exposed surfaces. Ozone damages the cell wall of microorganisms stopping reproduction and destroying the cell.

**FOR MORE INFORMATION OR TO BOOK AN AIR QUALITY CHECK CALL:**

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