



## Application

UV Technology's AirStorm Air Steriliser has been developed for use in areas which require the quick, efficient removal of hazardous air conditions and leave pure fresh air.

The UVT AirStorm destroys airborne bacteria, moulds and spores, volatile organic compounds (V.O.C's) and eliminates odours. (99.999% in a single pass).

The UVT AirStorm is ideally suited to a wide range of uses including food manufacturing, commercial and retail facilities, healthcare, hotels and offices.

The system can also assist in removing large amounts of airborne contaminants in commercial premises post spillage and mould / fungal infection.

The UVT AirStorm offers rapid decontamination of transportation hubs to facilitate the prompt turnaround of containers and vehicles where cross contamination of chemicals, odours and bio hazards preclude multiple usage.

The UVT AirStorm uses high pressure motor systems and Active Field Technology™, built around the patented CCFT (Close Couple Field Technology), to sterilise the air once it has been passed through our H.A.F. Bi media filter system.

*Contact UV Technology if assistance is required for planning full coverage.*

## Features

- Built around the revolutionary, patented Close Couple Field Technology.
- Complete destruction of air-borne pathogens and bio-hazards and removal of particulate.
- Actively destroys Bacteria, Mould, Yeasts & Virus to Log 5 (99.999%) reduction in a single pass
- High efficiency single-speed fan motors deliver up to 1,000 cfm - 60,000 cfm ( 1,700 m<sup>3</sup> / hr free air 1,000 m<sup>3</sup> / hr C.A.D.R.)
- Final H.A.F. filter system removes particulate below 0.1 micron and significantly outperforms conventional HEPA systems.
- NHS Category 6 Approved.
- Higher airflow rate than H.E.P.A. or UV-C resulting in faster and more effective kill rates.
- Simple ductless installation and user friendly filter change procedure.
- Through flow system gives powerful directional airflow.
- Choice of either pre-filter or post-filter depending on operation requirement.
- 2 channel remote control option available.
- The unit can be fitted with locking castors if required.

**Specifications****Model:**

UVT AirStorm portable air cleaner / steriliser  
with H.A.F Bi Media filtration and patented CCFT (Close  
Couple Field Technology)

**Effective Kill Rates (Single Pass):**

Bacteria, Mould & Spores Log 5 reduction; Viral Log 5 reduction

**Construction & Colour:**

Laser cut, fabricated stainless steel chassis. The unit can  
also be supplied finished in highly durable poly epoxy  
powder coat

**Dimensions:**

Height 500mm  
Width 460mm  
Depth 240mm

**Weight:**

Unit: 19.2 kgs

**Positioning:**

The unit should be sited as central as possible  
in the area to be treated

**Replacement Parts:**

AM 0450 / H12 12 x High Air Flow AFT filter 0.1 micron or  
AM 0450 / H4 4 x High Air Flow AFT filter 0.1 micron

**Service Requirements:**

Housekeeping - Unit can be dusted and dry wiped as part of location  
hygiene regime.

Monthly - User change of H.A.F. filter – 2 minute procedure – in high risk  
locations treat used filter as clinical waste.

Yearly - Service for internal parts cleaning.

**Electrical Ratings:**

220 / 240V, 50 Hz Single Phase  
Fuse Rated at 3.15 Amps  
Power Consumption 60 Watts

**Electrical Connection:**

Switch fused IEC inlet on side of unit

**Air Volume Treated:**

1,000 m<sup>3</sup> / hr C.A.D.R.  
1,000 cfm - 60,000 cfm (1,700 m<sup>3</sup> / hr free air)

**Control System:**

Fitted fused switched IEC connector on the underside of the unit  
Illuminated power on / off switch located within the connector  
Optional 2 channel remote control unit available

**Sound Levels:**

46 dBA (1 metre)

**Approvals:**

Manufactured from components conforming to: CE, VDE, BEAB,  
UTE, CSA & UL. EN 60335-1, EMC 50081-2, 55014, 55022, EC38  
Approved to NHS Category 6  
Remote control operates on 433.92 Mhz (ICBS) International  
Clear Band Standard