

RETROFIT: PATHOGEN & VOC HVAC SOLUTIONS



RETROFIT SERIES

Integrating Micro-Lightning Plascide® Technology
The Industry Leading: Pathogen & VOC Air Neutraliser Solutions

| TYPES: | ATTACHMENT | | | FAN | | | FANCOIL | | |
|-------------|------------|--------|--------|--------|--------|--------|---------|--------|--------|
| Model No. | AHA-01 | AHA-02 | AHA-03 | AHF-01 | AHF-02 | AHF-03 | AHC-01 | AHC-02 | AHC-03 |
| Depth (mm) | 430 | 430 | 430 | 800 | 800 | 800 | 1000 | 1140 | 1140 |
| Width (mm) | 600 | 600 | 1200 | 600 | 600 | 1200 | 750 | 750 | 1400 |
| Height (mm) | 290 | 430 | 430 | 290 | 430 | 430 | 290 | 430 | 430 |
| Weight (kg) | 16 | 32 | 64 | 40 | 62 | 120 | 42 | 67 | 137 |
| Power (W) | 120 | 240 | 480 | 150 | 440 | 880 | 150 | 440 | 880 |

| VARIANT: | AHA-02B | | | AHF-02B | | | AHC-02B | | |
|----------|---------|--|--|---------|--|--|---------|--|--|
|----------|---------|--|--|---------|--|--|---------|--|--|

ATTACHMENT
(AHA-01/02/03)

AHA/F/C-01

Usage: 200-800 Sq. ft
Airflow: 400 CFM
Cooling (AHC-01): 4.0 kW

FAN
(AHF-01/02/03)

AHA/F/C-02
AHA/F/C-02B

Usage: 400-1200 Sq. ft
Airflow: 800 CFM
Cooling (AHC-02): 6.5 kW

FANCOIL
(AHC-01/02/03)

AHA/F/C-03

Usage: 800-3200 Sq. ft
Airflow: 1600 CFM
Cooling (AHC-03): 12.3 kW

ATTACHMENT H
FAN
FANCOIL
(AHA/C/F-02B)

| Model No. | AHA-02B | AHF-02B | AHC-02B |
|-------------|---------|---------|---------|
| Depth (mm) | 430 | 800 | 1170 |
| Width (mm) | 1200 | 1200 | 1400 |
| Height (mm) | 290 | 290 | 290 |
| Weight (kg) | 32 | 62 | 67 |

INSTALLATION SPECIFICATIONS

- All Units power supply is compatible with 110-220v at 50Hz/60Hz
- Attachment Unit: Supply Outlet is identical to Return Inlet on all models*
- All units are horizontal mountable in concealed/exposed configuration
- All units fixing points are compatible up to standard M8 ceiling mounting bolts & 20mm outer diameter electrical polymer conduits

| | AHA/F/C-01 | AHA/F/C-02 | AHA/F/C-03 |
|--------------------|------------|------------|------------|
| Return Inlet | | | |
| Supply Outlet* | | | |
| Attachment Differ* | | | |
| R1 | 36 mm | 36 mm | 36 mm |
| R2 | 36 mm | 36 mm | 36 mm |
| R3 | 20 mm | 38 mm | 38 mm |
| R4 | 25 mm | 38 mm | 53 mm |
| S1 | 203 mm | 185 mm | 161 mm |
| S2 | 225 mm | 230 mm | 230 mm |
| S3 | 30 mm | 42 mm | 66 mm |
| S4 | 110 mm | 208 mm | 208 mm |

*Design Specifications subject to change without notice.

VERSATILITY BY DESIGN



PATHOGENIC & VOC AIR NEUTRALISATION CLEAN AIR SOLUTIONS FOR HVAC

- AIR DUCT SOLUTION - Simple Air Duct Installation
- REPLACEMENT SOLUTION - Direct Substitution of existing Air Handling Units
- CUSTOM SOLUTION - Tailored to Air Handling Units
- PARALLEL SOLUTION - Separate yet compliment existing HVAC



AIR HALO® Retrofit is equipped with patented Plascide® Technology, Thousands of Micro-Lightnings destroy airborne particles in a flash with no filters to replace.

AIR HALO®

AIR HALO® INDUSTRY VALIDATED PLASCIDE® TECHNOLOGY

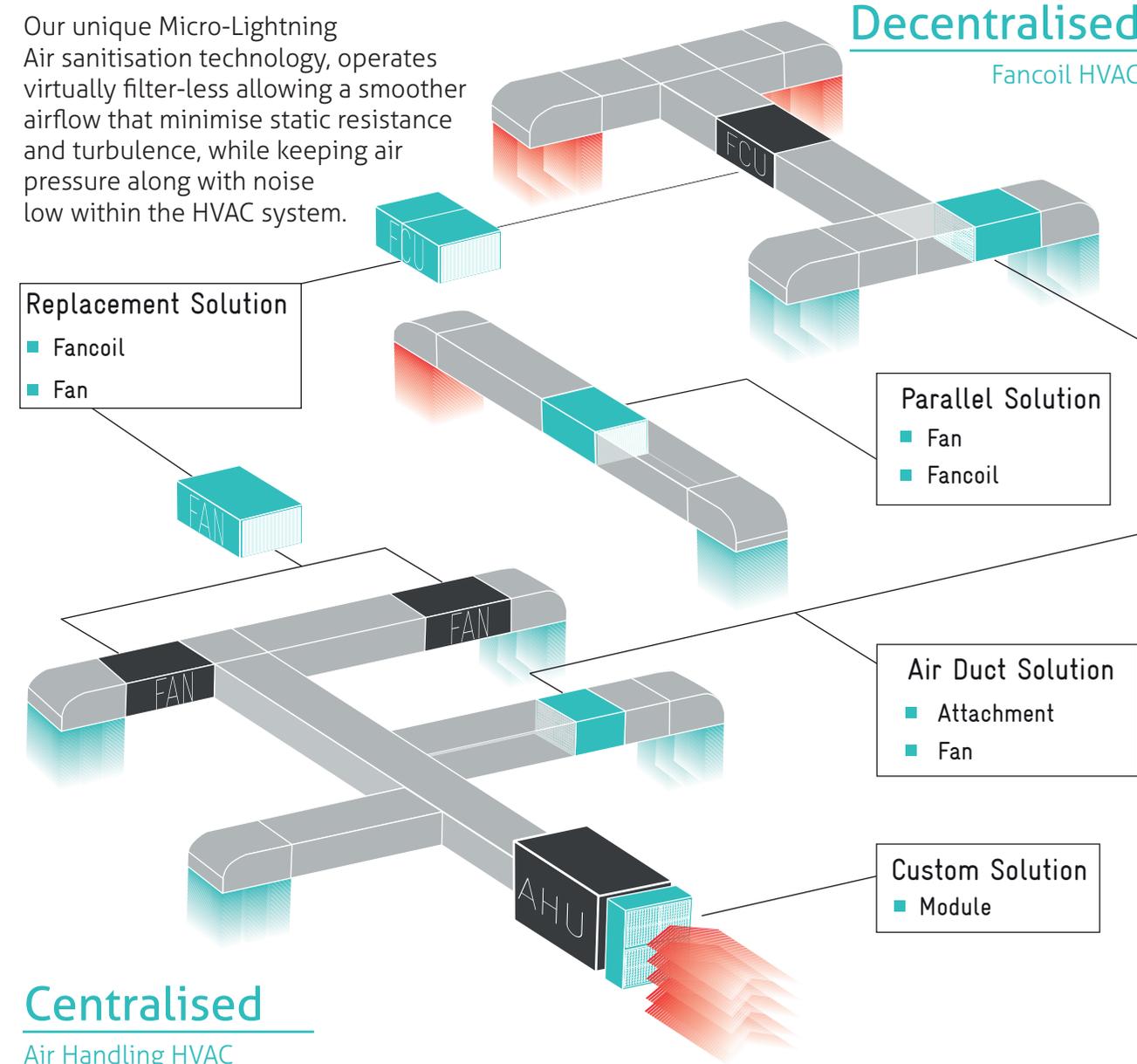
Comprehensive Air Sanitiser Solutions for HVAC services

CUSTOM BUILT FOR AIR SANITISER SOLUTIONS

Available Air Sanitisation Types

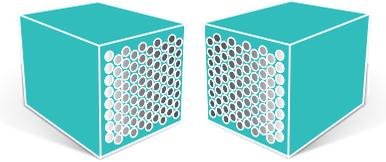
Our unique Micro-Lightning Air sanitisation technology, operates virtually filter-less allowing a smoother airflow that minimise static resistance and turbulence, while keeping air pressure along with noise low within the HVAC system.

Decentralised Fancoil HVAC



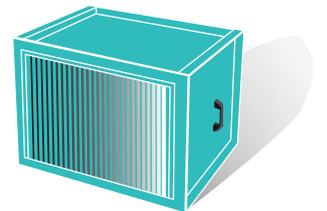
MODULE

Featuring our Plascide® Micro-Lightning technology, the versatile Air Sanitisation reactors are the foundation of all our AIR HALO® products. The modular design allows versatility to build and scale CUSTOM SOLUTIONS to all HVAC specifications without compromising anti-pathogenic performance.



ATTACHMENT

Compliments existing HVAC systems without the need of additional fan motors or cooling piping; designed to be ceiling mounted within existing air duct assemblies.



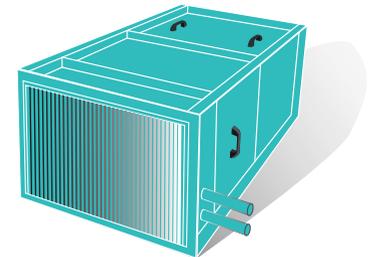
FAN

Featuring a standard ATTACHMENT with in-built multi-speed fan motor; designed to be compatible with ceiling mounted air handling units and air duct assemblies.



FANCOIL

Featuring a standardised fancoil with in-built Micro-Lightning reactors, multi-speed fan motor and cooling coils; designed for direct replacement of existing fancoil and compatible with ceiling mounted air duct assemblies.



Centralised Air Handling HVAC

CENTRALIZED NETWORK SYSTEM

All models are compatible with a centralised network Remote Control Panel featuring fully adjustable, programmable Micro-Lightning Air Sanitisation levels with a 24hrs/7 Days operational timer function. Each Remote Control Panel is equipped with visual data displays and backup power functionality:

- Air Sanitisation Status
- Fan Speed/Cooling levels

