

## Air Handling Hygiene & Decontamination Services

### The importance of a clean AHU system

[www.aegisasia.com](http://www.aegisasia.com)

Air handling unit in building plays an important role in providing comfort in terms of temperature, humidity and most importantly, filtering biological airborne allergen and dusts particulate.

Avoidance measures, protective and/or mitigation measures have marked therapeutic effect to patients hypersensitive to these allergens. The ability to measure indoor air enables the building occupant or consumer to quantitatively analyze the allergen load, thermal conditions and aerobiology content in an environment.

Understanding temperature, relative humidity, surface particulate, allergen load and airborne particulate is extremely advantageous to understanding the total environment and imperative to knowing what preventive mitigation measures to prescribe.

Air filters are part of the front-line for dealing with microbial problems in our modern buildings. Upgrading efficiency of air filters by adding a durable, safe and effective antimicrobial treatment can protect the air filter from abnormal fungal growth and improve the air quality of our buildings. Treatment of Aegis Microbe Shield has shown significant reduction of biological load in the air and the treated surface in the handling room.

### Long Term Benefit of AEGIS Microbe Shield

ÆGIS Microbe Shield technology does not dissipate or leach, it can not be absorbed by the organism - or by you. With the ÆGIS Microbe Shield technology, the membrane of the microbe is physically ruptured by a stabbing and electrocution action. Since it is not consumed and does not dissipate, the antimicrobial active is not depleted and continues to control microbial growth over time. This means that the antimicrobial will be fully effective as long as the surface remains intact.

### About Us

Aegis Asia provides assessment and consultancy services in the fields of environmental diagnostics through testing, inspection, bio decontamination and the application of technology with the aim of achieving a safer indoor environmental quality.

Our vast experience, track record and expert resources in the multi discipline areas give you the advantage of a one stop centre. As the market leader in environmental source control and eradication, Aegis Asia has gain an edge in providing solution where other companies have yet to venture.

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**“Helping to provide a healthier today  
and a safer tomorrow”**