



**Disclaimer:**

**Strict adherence to the Standard Operating Procedure (SOP) is required in order to obtain highest quality result(s).**

**Accredited Applicators Trainer & Certified by Airestec are recommended to be used. Kindly contact us for clarification. (Only for Malaysia)**

# BIOACTIVE MICROORGANISM FILTER TREATMENT (BMFT)

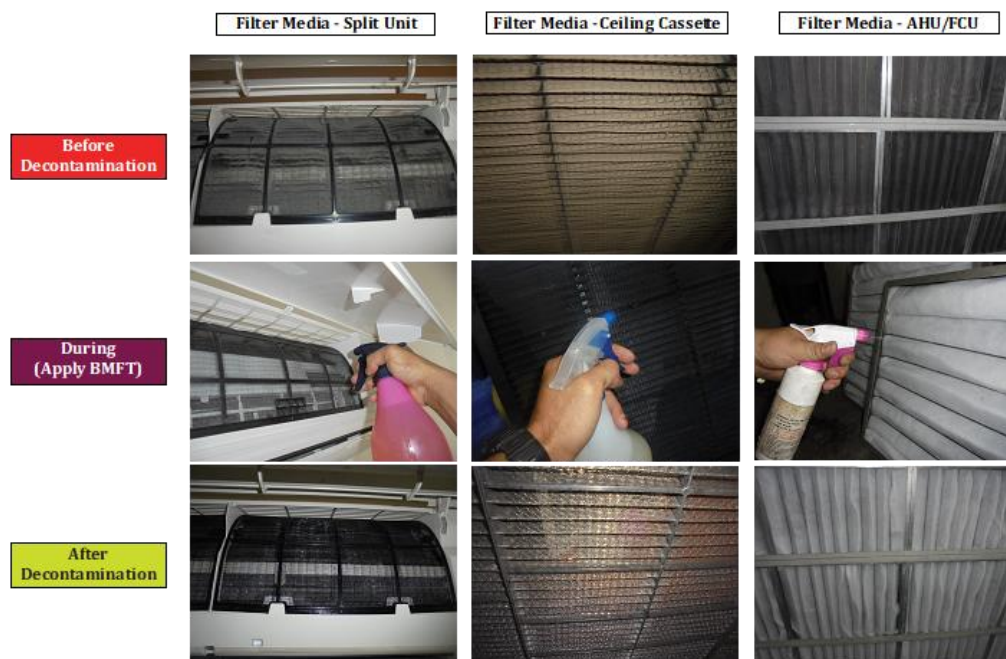
- Specifically designed for filter treatment for all types of HVAC / Air-Conditioning / ACMV (i.e.: AHU, FCU, Split Unit etc.).
- Delay the growth of bacteria, fungi and mould roots.
- Protect Human Health, building wellness & Improve Quality of Life.
- Improves filter dust retention.
- Prevents spores infiltration.
- Extends Secondary and HEPA Filters
- Maintain Energy & System Efficiency.
- Complements Particulate Matter (PM) reduction.



## AIRESTEC BIOACTIVE MICROORGANISM FILTER TREATMENT (BMFT)

Bacteria, fungi and mould penetrate the air-conditioning system through filter media and spread to every corner of the building through air circulation. Did you know that a moist and dark environment is prone the bacteria, fungi and mould growth? Thus, the dust particles on the surface of the filter media trap the water droplets and have become the ideal place for them to grow.

Filter media full of dust and fungal colonization significantly reduces airflow and results in a surge in energy consumption. Moreover, the Indoor Air Quality (IAQ) will be compromised and subsequently cause health problems such as respiratory problems, headache, eye, nose and throat irritation, aggravation of asthma, fever, and even allergies.



### How can Airestec BMFT help?

Airestec Bioactive Microorganism Filter Treatment (BMFT) is specifically made and applied on filter media to prevent fungal roots from proliferate (growth). It delay the fungal growth, thereby extending down line filter life, improve air flow, air quality and improve energy consumption. Once fungal roots growth, spore will be released, and that is where the fungal and mould takes place and distributed throughout the system and environment.

Fungal and mould spores are tiny, light and get airborne through air movements, enter through human respiratory track and can lead to aggravation of asthma, lung infection, respiratory complaint, eye and throat irritation.

Filter medium is the first line of defence to stop microorganism from entering the air-conditioning system. Application of Airestec BMFT on filter media can create a barrier that trap and delay the growth of microorganism.

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