

BIOACTIVE MICROORGANISM ENZYMATIC COIL DECONTAMINATION / CLEANER (BMED)

- ✓ Multi-enzyme formula
- ✓ Eco-friendly & Readily biodegradable
- ✓ Remove biofilm, bacteria, fungi and mould
- ✓ Applicable for all types of HVAC / ACMV / Air-Conditioning systems (i.e.: AHU, FCU, Split Unit, etc.)
- ✓ Improve indoor air quality
- ✓ Enhance human health & improve quality of life
- ✓ pH Neutral, Non-corrosive
- ✓ Maintain system & energy efficiency
- ✓ Prevent asset damage & prolong equipment lifespan
- ✓ Complements Green Certified Buildings

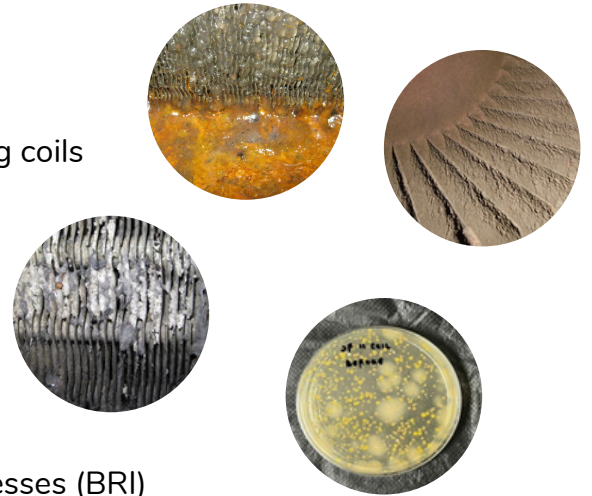


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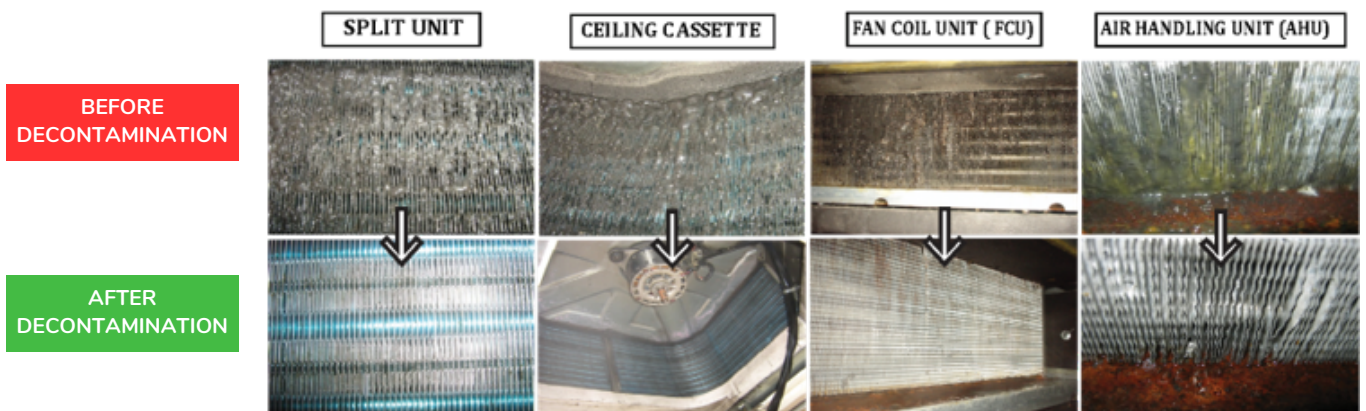


The dark and moist environments in the HVAC systems are favourable for microbial growth (bacteria, fungi, and mould). Prolonged microbial growth will lead to biofilm formation. Biofilm acts as a reservoir for microbes, which protects them from any threat and provides nutrient for them to proliferate further and it is difficult to be removed. Formation of biofilm can cause numerous problems including:

- ▶ Oxidisation, pitting, corrosion, & fouling of the system
- ▶ Higher energy consumption due to blockage in cooling coils
- ▶ Reduction of airflow & productivity
- ▶ Equipment wear & tear
- ▶ Systems not working according to design
- ▶ Poor Indoor Air Quality (IAQ)
- ▶ Sick Building Syndrome (SBS) & Building Related Illnesses (BRI)

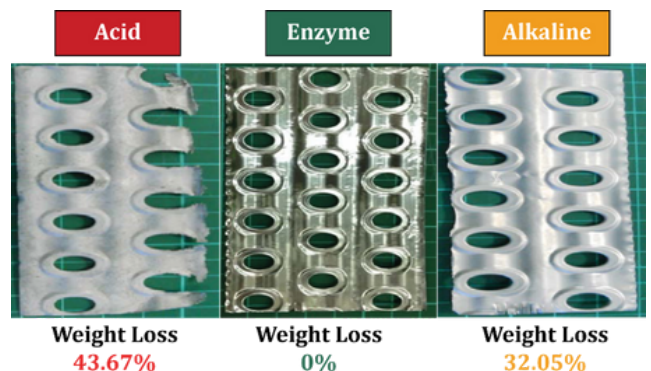


Airestec BMED is formulated with multi-enzyme nanoparticles to remove biofilms, bacteria, fungi, and mould from cooling coils effectively without degrading the materials or equipment as it works effectively at neutral pH (6.0 - 8.0), non-corrosive and non-destructive to aluminium, copper, rubber, plastic, wood, & paints. In fact, it conforms with Airbus & Boeing Standards for the Evaluation of Airplane Maintenance Material. Guarantee to clear biofilms up to 12 inch thick coil.



As BMED contains multi-enzyme nanoparticles, it will allow better penetration of the biofilm layer so that it can be removed easily and effectively. It is also Readily Biodegradable and certified under SIRIM Eco-Label, MyHijau Mark, GECA, and Halal.

Keeping your HVAC / ACMV / Air-Conditioning systems well-maintained will help to optimize its performance and energy efficiency, provide good IAQ, and enhance productivity, human health, and quality of life.



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