



We Care For Your Health Asset
& The Environment

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)

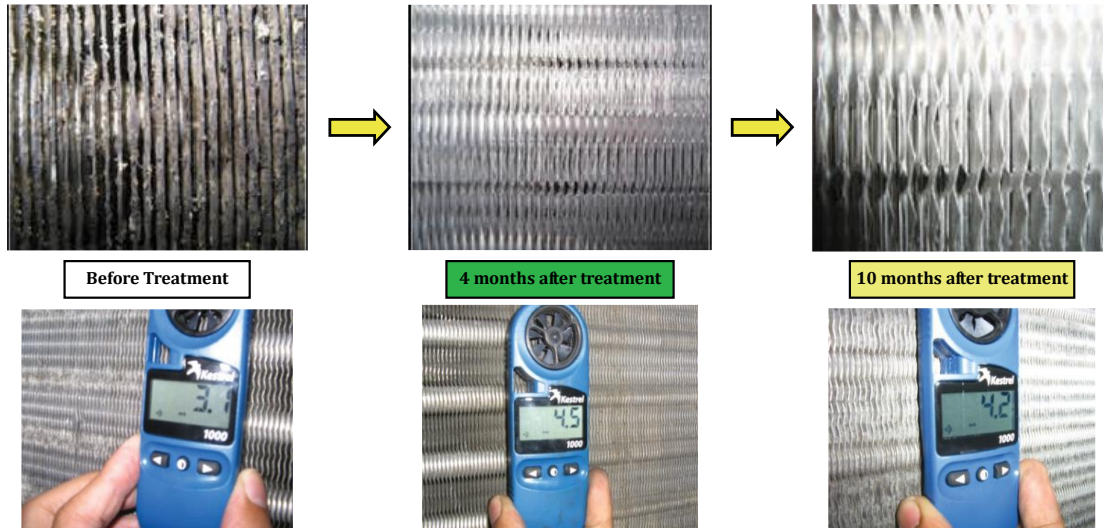
BIOACTIVE MICROORGANISM COIL TREATMENT (BMCT)

- Specifically designed for cooling coil treatment for all types of HVAC / Air-Conditioning / ACMV / Refrigeration system (i.e.: AHU, FCU, Split Unit etc.).
- Delay the growth of biofilms (bacteria, fungi & mould) with 12-months warranty.
- Protect Human Health, building wellness & Improve Quality of Life.
- Non-Corrosive/Non-Destructive to Aluminium, Copper, Rubber, Plastic, Wood & Paints.
- Maintain Energy & System Efficiency.
- Reduces breakdown & Maintenance Cost.

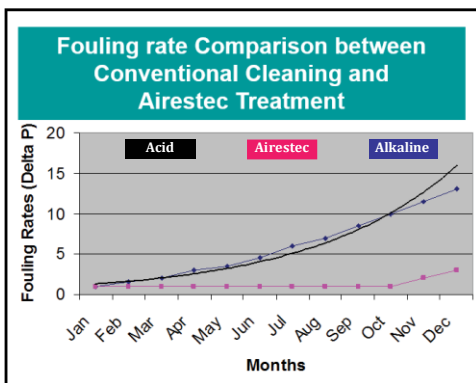


AIRESTEC BIOACTIVE MICROORGANISM COIL TREATMENT (BMCT)

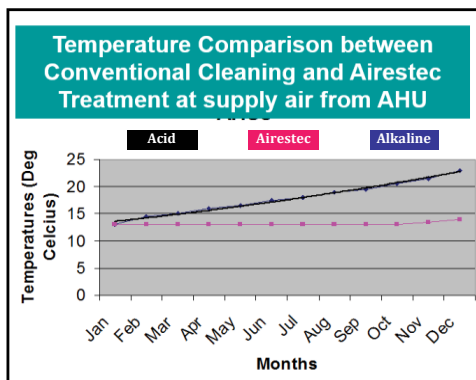
Biofilms and microorganism usually start to grow in one week after decontamination. Biofilms would secrete organic acids along their growth, result in localized corrosion of cooling coil. The overall heat exchange efficiency of air-conditioning system would be affected if the cooling coil is corroded. In other words, corroded cooling coil results in reduced energy efficiency and increase of energy bill.



BMCT is specially formulated to prevent and delay the growth of biofilm (jelly/slime), bacteria, fungal, mould and algae with 12 months warranty. Absence of microorganism will improve Indoor Air Quality (IAQ), human health, productivity, energy efficiency up to 10% through improvement of heat exchange and air flow.



Fouling rates usually increase exponentially with conventional chemical cleaning due to the formation of biofilm within 4 days. Dust and contaminants will adhere to the fins. BMCT in comparison prevents the biofilms growth thereby, extending the fouling rates for the next 12 months (guaranteed). With no bacteria, fungal and mould growth the heat transfer and airflow coefficients are maintained at their best throughout the year.



Similar trend analysis can be seen for temperatures. The difference in the trend analysis is due to no fouling or growth at the AHU coils and fins for 12 months (guaranteed). The temperature trend for BMCT experience nearly zero increase in the rise due to the prevention of the biofilms growth. With no biofilm, bacteria, fungal and mould growth, the heat transfer coefficients are maintained at their best throughout the year.

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