

# BIOACTIVE COIL TREATMENT



## CLEANER COILS IMPROVE ENERGY EFFICIENCY AND REDUCE RUNNING COSTS

Over time the surfaces of coils can become dirty as the air moving over the coils contain dirt, dust, pollen, moisture and other contaminants. A buildup of contaminants decreases the available surface area for heat transfer reducing the efficiency of the heat transfer process, leading to excess energy consumption and poor system performance.\*

\*HVAC HESS Fact Sheet published  
<https://www.environment.gov.au/system/files/energy/files/hvac-factsheet-cleaning-coils.pdf>



### PRODUCT OVERVIEW

The **AerisGuard™ Bioactive Coil Treatment** product is applied in-situ to HVAC&R heat exchanger coils for domestic, commercial and industrial air handling installations. Ideal as part of an annual maintenance program, it is applied after cleaning with AerisGuard™ Bioactive Coil Cleaner.

**AerisGuard™ Bioactive Coil Treatment** provides up to 12 months' residual protection to control and prevent mould, fungi and odour causing bacteria. This minimises re-contamination and improves air flow and performance of the heat exchanger over the life of the treatment and optimises energy efficiency, reduces running costs and extends asset life.

The product is non-corrosive and completely biodegradable.

- Optimises heat exchanger performance by minimising contaminant build-up.
- Improves energy efficiency and reduces running costs
- Improves indoor air quality
- Extends asset life
- Australian Made
- HACCP Certified
- Safe for the applicator

Product Code	Description	Dilution Rate
01-02-00003	Bioactive Coil Treatment 5L	Ready to use
01-02-00004	Bioactive Coil Treatment Concentrate 1.25L	Makes up 5L
01-02-00005	Bioactive Coil Treatment Aerosol 200g	Ready to use

Product Code	Application Rate
01-02-00003	
01-02-00004	250ml per m <sup>2</sup> (for fin spacing of 12 fins/inch)
01-02-00005	

Always refer to MSDS & SOP Prior to product dilution & application

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## FEATURES

- Biostatic coating provides up to 12 months protection to control and prevent mould, fungi and odour causing bacteria
- Minimises build-up of contaminants and blockages of heat exchanger coils
- Designed for use within high velocity air flow systems
- Compatible with all common cleaning processes
- Easily applied on-site

## BENEFITS

- Improves the indoor air quality in buildings
- Reduces energy usage
- Reduces maintenance
- Extends equipment life
- Improves air flow across heat exchange coils
- Improves system efficiency
- Minimises corrosion



### CLEANS

AerisGuard™ cleaners use patented anti-microbial multi-enzyme technology, which is non-toxic and non-acidic to breakdown and digest the biofilm and other contaminants. This is easily removed using a water pressure cleaner.



### PROTECTS

AerisGuard™ Treatment is then applied to create a biostatic protective coating on the surface. This provides up to 12 months residual protection to control and prevent mould, fungi and odour causing bacteria. Ideal as part of an annual maintenance program.



### OPTIMISES

Cleaner coils and surfaces result in improved air flow and more efficient heat exchange during the heating and cooling cycle. Not only does this mean lower running costs, it also delivers cleaner, healthier air and improved occupant comfort.



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