



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>

MULTI-ENZYME COIL CLEANER



PRODUCT OVERVIEW

The **AerisGuard™ Bioactive Multi-Enzyme Coil Cleaner** is a proprietary enzyme based cleaner and surface preparation product for HVAC&R evaporator coils for domestic, commercial and industrial air handling installations.

The product is designed for application to cooling and heating coils in situ as part of a mechanical plant maintenance program. The cleaning process removes any existing bacteria, fungi and other contaminants.

Following cleaning, the application of AerisGuard™ Bioactive Coil Treatment can provide up to 12 months' anti-microbial residual protection.

The product is non-corrosive and completely biodegradable.

- Safely cleans and removes biofilm and other organic contaminants from air cooled coils
- Optimises heat exchanger performance by removing contaminant build-up.
- Improves energy efficiency and reduces running costs
- Improves indoor air quality
- Extends asset life
- Australian Made
- HACCP Certified

PREPARATION

Product Code	Description	Dilution Rate
01-01-00001	Enzyme Coil Cleaner 1L	Makes up 20L
01-01-00011	Enzyme Coil Cleaner 200ml	Makes up 4L

Product Code	Application Rate
01-01-00001	1.5L of diluted solution per m ²
01-01-00011	

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

MULTI-ENZYME COIL CLEANER



FEATURES

- Non-acid, non-alkaline cleaning process
- Safe for use on indoor cooling coils
- Specifically formulated to attack and remove all organic deposits found on heat exchanger coils
- Broad spectrum of enzymes formulated to break down biological material
- Completely biodegradable and washes down the drain safely
- Reduces need for heavy duty pressure cleaning
- Odour-free
- Highly concentrated bulk product
- Compatible with all common cleaning processes

BENEFITS

- Improves indoor air quality in a building
- Cleaning process can be used on all heat exchange coils
- Saves time with no detailed preparation required
- Easy to use and safe in all working environments
- Will not damage or corrode heat exchanger coils
- No need for high pressure washing in most instances
- Easy and safe to transport



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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