



# BIOACTIVE FILTER TREATMENT

PATENTED TECHNOLOGY FOR USE ON HVAC&R FILTERS

## CLEANER FILTERS IMPROVE INDOOR AIR QUALITY AND PERFORMANCE OF HVAC&R SYSTEMS

Over time the filters of HVAC&R systems can become dirty as the air moving over the surface contain dirt, dust, pollen, moisture mould and odour causing bacteria. A build-up of contaminants decreases the airflow across the filter, increasing the pressure drop and leading to excess energy consumption reducing the efficiency of the heat transfer process, leading to excess energy consumption.

## PRODUCT OVERVIEW

The **AerisGuard™** Bioactive Filter Treatment is applied to air filters at the time of installation or to existing filters. The filter treatment is based on patented technology that ensures slow migration of a combination of active compounds into dust particles trapped within the filter. Dust particles provides a source of nutrients for odour-causing bacteria and mould, which rapidly grow colonies in untreated air filters. Towards the end of its working life, a typical filter is highly contaminated. Aside from the potential human health consequences, the proliferation of the mould and odour causing bacteria ultimately leads to the filter becoming blocked.

Application of the **AerisGuard™** Bioactive Filter Treatment dramatically reduces mould and odour-causing bacteria growth. Thereby extending the filter life, improving dust retention, reducing energy consumption and improving indoor air quality.

- ✓ Improves airflow up to 300%
- ✓ Complies with AS/NZ 3666 for hygiene
- ✓ DA19 compliance for maintenance
- ✓ Prolong asset & equipment life
- ✓ Reduce energy consumption through correct airflow
- ✓ USEPA Registered

## Get the Aeris Advantage!

READILY ►  
BIODEGRADABLE  
ENVIRONMENTALLY ►  
FRIENDLY  
HIGHLY EFFECTIVE ►

### PRODUCT NOTES

- Refer to SDS-005 AerisGUARD™ Bioactive Filter Treatment



MKT-106-01



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## FEATURES

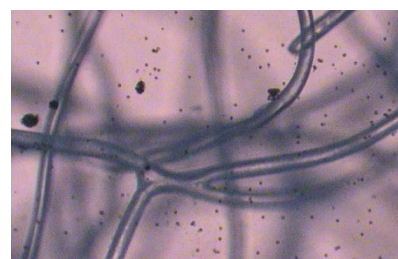
- Residual biocide coated onto filter fibres, controls & prevents mould and odour-causing bacteria from colonising
- Treatment migrates to dust particles making it toxic as a food source for micro-organisms
- Treatment is designed to stay on filter fibres even under extreme air flows
- By controlling odour-causing bacteria and mould colonization the filter airflow is maintained
- The treatment assists in the capture of finer particles reducing their harmful effect on indoor air quality

## BENEFITS

- Indoor air quality compliant
- Improves airflow by maintaining uniform pressure drop across the filter
- Increases filter efficiency
- Extends filter life
- Reduces the number of filter exchanges



Untreated (Filter Fibres)



Treated (Filter Fibres)

## PREPARATION

Product Code	Description	Dilution Rate
AG-FT-5	Bioactive Filter Treatment 5L	Ready to Use

Product Code	Application Rate
AG-FT-5	As per IFU <sup>i</sup>



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MKT-106-01



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