



OPTIMISE HEALTH AND PROTECTION  
IN YOUR EDUCATIONAL FACILITY

**AerisGuard™**  
**12 Month Protection**  
CLEANER AIR CONDITIONING = BETTER HEALTH



**CLEANS - PROTECTS - OPTIMISES**



# Educational & Childcare Facilities: Air Conditioning Risks & Proven Solutions



## Problems starts when:

**HVAC Systems are turned off** during holiday breaks. Mould, bacteria and bio-film which inhabit air conditioning systems dry out when the air handling equipment is dormant - a toxic combination of dust is then created and sits inside the AC system.



## Problem worsens when:

**HVAC Systems are switched back on** when term starts again. The toxic mould and biofilm dust sitting in the dried out air conditioning systems is now blown into the indoor air environment where it's inhaled by students and faculty staff alike.



## Effects:

### Negative effects includes but are not limited to:

1. Possible elevation of ADHD symptoms limiting attention capacity
2. Toxins inducing allergic reactions and respiratory inflammation

### **DANGER**

Mould particles contain myco and neuro toxins which are harmful to humans – especially children, the elderly or those with allergies and asthma.

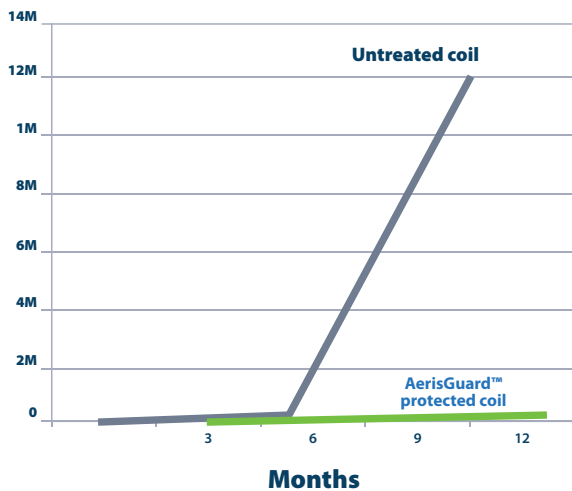
## Get AerisGuard™ 12 Month Protection



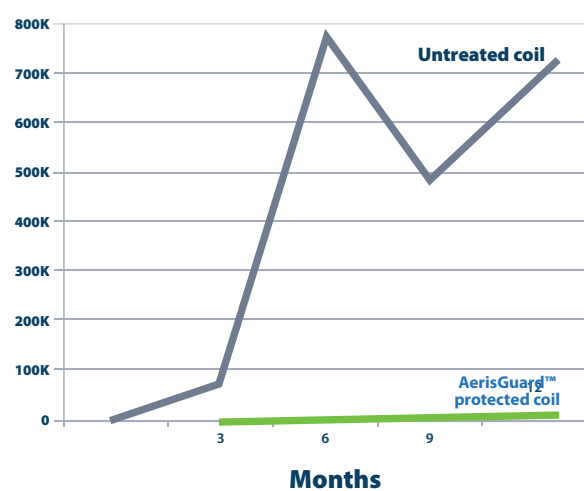
Vastly improve the indoor air quality of indoor environments with AerisGuard 12 Month Protection for air handling systems to ensure the health and safety of your faculty and student body.

	MONTH 0-3	MONTH 4-6	MONTH 7-9	MONTH 10-12
Other Cleaners				
AerisGuard™ 12 Month Protection				

**Mould Count per 5cm<sup>2</sup>**



**Bacterial Count per 5cm<sup>2</sup>**





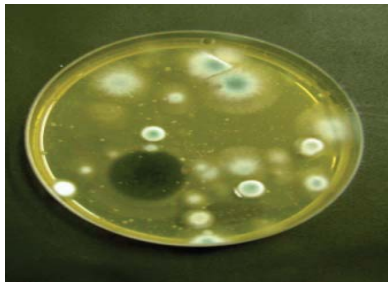
# Reducing Your Energy Consumption At Your Institution of Learning

## CASE STUDY: Singapore SMRT — City Hall

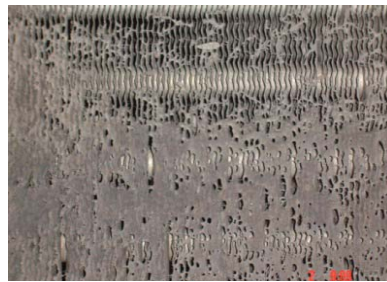
A 12 month program was run where a major air handling unit at the City Hall in Singapore was cleaned and then protected with patented AerisGuard treatments.

**Independent lab testing of air handling unit's coils was undertaken by University of NSW** and the data collected pre and post treatment from controlled monitoring equipment showed major benefits from the reduction of mould and bacteria within the AC system as per the results shown below:

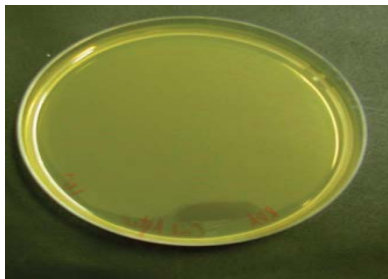
**Outcome:** Negligible microbial growth over 12 months



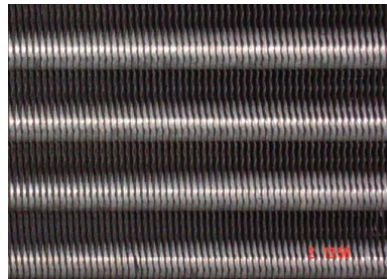
**Untreated Diffuser**



**Untreated coil**



**Treated Diffuser**



**Treated coil (12 mths)**

**Outcome:** Negligible microbial growth over 12 months

Parameters	Before Treatment	After Treatment	Improvements
Power	712	588	17.4% saved
Air Flow Rate (After Coil)	21.57	38.6	79% improved
Air Flow Rate (Diffuser)	1.12	1.89	69% improved
Set Point Temperature	18.7	14	25% reduction



**CLEANS - PROTECTS - OPTIMISES**

## Product Range to Achieve ArisGuard 12 Month Protection

	Product Name	Pack Shot	Overview	Product Range	SKU
Treatments	<b>Indoor Coil Treatment</b>		<ul style="list-style-type: none"> <li>Reduces corrosion caused by organic debris.</li> <li>Assists in maintaining air flow.</li> </ul>	<ul style="list-style-type: none"> <li>Aerosol</li> <li>5 Litres</li> </ul>	<ul style="list-style-type: none"> <li>AG-CT-A</li> <li>AG-CT-5</li> </ul>
	<b>Multi-Enzyme Condensate Pan Tablet</b>		<ul style="list-style-type: none"> <li>Slow release multi-enzyme formulation for the prevention of blocked drains in HVAC system drain pans.</li> </ul>	<ul style="list-style-type: none"> <li>Slimline</li> <li>Small</li> <li>Large</li> </ul>	<ul style="list-style-type: none"> <li>AG-PT-SLIM</li> <li>AG-PT-SMALL</li> <li>AG-PT-LARGE</li> </ul>
Cleaners	<b>Multi-Enzyme Coil Cleaner</b>		<ul style="list-style-type: none"> <li>For cleaning of HVAC evaporator coils</li> <li>Breaks down organic debris detaching from the surface of the coil</li> </ul>	<ul style="list-style-type: none"> <li>200ml</li> <li>1 Litre</li> </ul>	<ul style="list-style-type: none"> <li>AG-ECC-200</li> <li>AG-ECC-1</li> </ul>



**Call now for your 12 Month Protection Programme**



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