



*We Care*



# O3 Processed Alkaline Coil Cleaner

Powerful. New-generation. New technology.

A chemical coil cleaner, specifically designed to remove contamination caused by:

- oil
- grease
- fat
- aviation fuel



No acidic coil cleaner can effectively clean an AHU servicing an area where there are restaurants, kitchens, fast food stores, and cooking in general.

Only an alkaline coil cleaner can clean the oil, fat, and grease build-up which occurs

To prove this we chose a coil in a well-known shopping mall

The coil is 14 years old  
The unit chosen for the demo serviced one of the food courts.



The maintenance contract calls for one chemical clean every TWO years Thereafter the coils are “cleaned” with water.

This coil had been steam cleaned 6 months previously

On the surface it looks pretty clean. But watch what lies beneath





WATER DOESN'T CLEAN!

IT MERELY RINSES

If water cleaned, then we  
wouldn't need soap in our  
shower or bath.

Would we?



- Clinical tests have shown water merely removes surface dirt to a maximum depth of just 3cms, and is a costly exercise
- Costly because it wastes that precious commodity - water.
- Costly because it hardly improves air flow, and therefore doesn't reduce energy consumption
- It is far more cost-effective to use new technology O3 coil cleaning chemicals in a 1:1 dilution. They will remove dirt, oil, grease, fats, and other contaminants, thereby considerably reducing energy consumption.
- They will also save a lot of water



# Clean? How Clean?

We believe it is essential to take “before” and “after” air flow readings using an anemometer. We want to know how effective the clean has been

Doing a coil clean without an anemometer is like passing your matric without knowing the results!





For this demo we used O3 Alkaline Coil Cleaner in a 1:1 dilution. The pressure pump is a 6-bar back-pack, which we know will ensure the chemical will penetrate to the core of the coil from both sides





So powerful is the chemical that the grease, oil, and fat contaminants in the coil started coming out even before the rinse-down commenced



Starting the rinse-down using a hosepipe.  
We never use a WAP. It wastes water



Initial oil and grease coming off the coil as the  
rinse-down started



The heavy grease, oil, and solid dirt began to flow in large quantities as the rinse-down continued



Then the dirt at the core of the coil began to be dislodged

The powerful, non-corrosive chemical cleans right through to the core



Heavy chunks of bacteria-bearing contaminants kept coming off the coil



# O3 deep cleaning 14 years of energy-sapping contaminants



So much dirt that there was overflow onto the floor

## Clean? How Clean?

24 hours after the rinse down, we took the “after” air flow readings

The air flow had improved by **117%**





The most efficient,  
Cost-effective  
Time-saving  
Coil Cleaning Chemicals



Going really  
**GREEN**  
With...



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**Working for a Better Planet**