

California Hospital Rids Entire Floor of Fungal Colony Blue Box Air Sustainable Coil Cleaning

THE CHALLENGE

A hospital in Southern California had a big problem with fungal spores infiltrating its facility, which had caused the full closure of its third floor for a year. The source of the fungal growth was traced back to the primary air handler that was feeding air into this floor. A fungal colony had taken root deep inside the coils and all previous attempts to disinfect the coils proved ineffective.

THE SOLUTION

Blue Box™ technicians thoroughly treated the coil with its proprietary Enzyme Treatment Process, delivering near perfect surface area coverage of the coil. Two days after Blue Box's™ coil treatment and disinfection an industrial hygienist tested the coils and the third floor of the hospital. There were no signs of any fungal spores detected and the floor was deemed safe for reopening.

Blue Box™ was brought in to do a Enzyme Treatment of these fouled coils. The treatment took 4 hours and delivered near perfect surface area of the coverage throughout the coils. Three days after Blue Box's™ Enzyme Treatment of the coils an independent Industrial Hygienist could no longer find any signs of fungal spores expelling the coils. The third floor of the hospital was reopened 2 weeks later.



LOCATION
Southern California



BUILDING TYPE
Hospital



PROJECT SIZE
1 Air Handler Unit



AVERAGE PRESSURE DROP
Not Measured

RESULTS

Blue Box™ is designed to restore and preserve the integrity and performance of HVAC systems, ensuring that today's problems don't become tomorrow's problems. This Texas Hospital now finds it easy to keep their facility operating at its peak efficiency and wellness while achieving:

COIL DISINFECTION

The patented Blue Box™ enzyme combats the problem of smoke, soot, bacteria and fungi growing deep inside the coils.

COIL RESTORATION

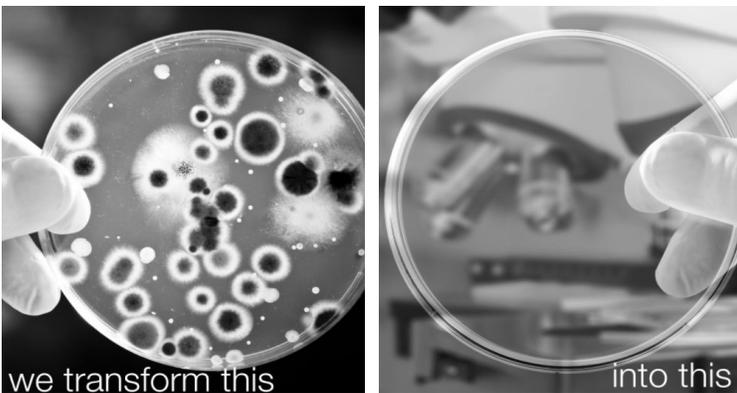
The coils that were thought ruined were fully restored to near new. By restoring the coils airflow and heat transfer, Blue Box™ greatly improved their HVAC systems efficiency and performance.

COIL LIFE

Blue Box™ extends the useful life of your HVAC so that you can avoid unnecessary and costly coil replacement.

EXTRA PROTECTION

Coils are often ruined during the construction process when drywall dust gets trapped deep inside of the HVAC system. Blue Box™ eliminates this risk by seamlessly migrating any debris out of the coils while construction is taking place.



SAFE



pH neutral, odorless, and free of toxic or hazardous chemicals

EFFECTIVE



Near perfect surface area coverage of coils

EFFICIENT



No disruption to the system or the building's occupants



Blue Box™ delivers a unique model for ensuring facilities to experience the safest air possible within their normal day to day operations. With its patented process for how to treat and disinfect any type of facility's HVAC system, Blue Box™ eliminates a critical weak point in all building operations. Our innovation is how to penetrate through any depth of the heat transfer coil to ensure near-perfect surface area coverage. Our process involves one of the most comprehensive solutions for how to disinfect these hard to reach places so that a building's air supply is both efficient and safe. For further information, visit www.blueboxair.com