



Las Vegas Resort Achieves Total Carbon Reduction / Year: 94,200
 Blue Box Air Sustainable Coil Cleaning

THE CHALLENGE

In Las Vegas, many of the top resorts have show areas where there is extensive use of pyrotechnics. The smoke and soot that is formed from the use of the pyrotechnics are often pulled back into the servicing air handlers for these areas and will plug up the coils. This can cause significant problems in terms of blockages (energy impact of air flow and heat transfer) and corrosion of the coils, since the soot fouling will become slightly reactive when exposed to a moisture rich environment.

Prior to Blue Box™, these facilities had no choice but to replace their coils in these air handlers every few years, due to the extreme plugging and coil corrosion.

THE SOLUTION

Regular service with Blue Box™ is now helping these Las Vegas clients greatly extend the life of their coils. Our unique ability to penetrate through the coils, achieve near perfect surface area coverage and easily migrate all of this soot and fouling out keeps these air handlers operating at their peak efficiency and eliminates the corrosive effects of the pyrotechnic soot from destroying the coils.



LOCATION

Las Vegas, Nevada



BUILDING TYPE

Resort



PROJECT SIZE

100+ Air Handler Units
 129,000 CFM



AVERAGE PRESSURE DROP

47%

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. By committing to an annual PM program, this Las Vegas Resort 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.

94,200

CARBON REDUCTION / YEAR

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