

CASE STUDY

GOVERNMENT SERIES

The Smithsonian Institution protects national treasures with AQUIS

Challenge

The National Museum of American History, located in Washington DC, was opened in 1964 and serves as home to over 3 million of our national treasures. The museum had 6 mechanical air handling units that were plagued by corrosion and standing water due to a lack of pitch in their condensate pans. They were highly concerned about the threat of water leaks and their potential impact on the museum's many artifacts. The museum was seeking a solution that would address these concerns while also extending the service life of their air handlers.



BEFORE

"Our highest priority was to find a solution that would prevent leaks and protect the many treasures that the museum houses. I was very pleased with the results of the AQUIS system. I was also impressed with the competent and professional installation technicians at AQUIS."

MICHAEL SOFIELD - DIRECTOR, FACILITIES PLANNING & OPERATIONS

Solution

AQUIS refurbished all 6 air handlers with its unique composite coating system.

- Chamber floors and pans were completely sealed to eliminate potential water leaks, halt corrosion and restore structure.
- Condensate pans were pitched to eliminate standing water per ASHRAE 62.1.
- Smooth antimicrobial surfaces facilitate easy cleaning and resist the biological growth.
- The AHUs are fully compliant with NFPA 90A and the fire code (ASTM E84 25/50).
- The installation was completed with minimal downtime and no VOC's or detectible odors.



AFTER

Take the first step towards extending the life of your air handlers...

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