

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.

"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 detectable odors.



Leaders in Air Handler Renewal