

CASE STUDY

HEALTHCARE SERIES

Columbia University Medical Center fixes leaking air handlers with AQUIS

Challenge

Columbia University Medical Center spans 20 acres in Manhattan's Washington Heights. Their College of Physicians and Surgeons, founded in 1767, was the first medical school in the U.S. to award the MD degree. Challenged with an aging infrastructure, CUMC needed to resolve severe water leaks stemming from their mechanical air handling units. They were also challenged with corrosion and standing water in those same air handlers. CUMC was seeking a solution that would address all of their issues while maintaining compliance with NFPA, ASHRAE and Joint Commission requirements.



BEFORE

"We were very impressed with AQUIS. We recently had a leaking air handling unit that was disrupting our operations. AQUIS was very responsive and addressed our issue quickly and with virtually no impact on our operations. We'd like to have AQUIS refurbish all of our air handlers."

FRED ARCE - PLANT SUPERINTENDENT

Solution

AQUIS refurbished CUMC's air handlers with its unique composite coating system.

- Condensate pans and chambers floors were sealed to successfully stop damaging water leaks.
- The NFPA 90A compliant system features a nanotechnology epoxy which halts corrosion and restores structure.
- Smooth antimicrobial surfaces facilitate easy cleaning and resist the growth of pathogenic biological agents.
- The installation was completed with minimal downtime and no VOC's or detectable odors.



AFTER

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

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