

CASE STUDY

EDUCATION SERIES

University of Texas addresses damaging water leaks with AQUIS

Challenge

Opened in 1976, the Medical School Building at the University of Texas Health Science Center in Houston is the system's largest building at 900,000 SF and houses some 2,300 faculty, staff and students. The building had 8 large built-up mechanical air handling units that were challenged with issues of standing water in condensate pans and leaks through the concrete floor. UT was highly concerned about the threat of damaging water leaks impacting building operations. After other failed attempts to address these issues, UT reached out to AQUIS.



"We were tickled pink with AQUIS. AQUIS resolved our leaking issues where others were unable to do so. They also offered the only viable solution that met all of our requirements including the fire code."

JUDSON LLOYD - SENIOR PROJECT MANAGER

Solution

AQUIS successfully refurbished all 8 air handling units with its unique composite coating system.

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



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

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