

## CASE STUDY

HEALTHCARE SERIES

# Children's Hospital of Orange County refurbishes air handlers with AQUIS

## Challenge

Children's Hospital of Orange County (CHOC) is a nationally ranked, 279-bed pediatric health system in Southern California. Since opening its doors in 1964, CHOC has undergone countless expansions and renovations, one of which recently included the need to address six aging air handlers in CHOC's North Tower that houses over 230 patient beds and serves many critical areas. These air handlers were exhibiting various levels of rust and corrosion, but replacing six (6) AHUs was simply not realistic from either a financial or operational standpoint since the expense would be enormous, and the extensive downtime required to replace these units wasn't an option. CHOC needed a compliant, alternative solution that would solve the problem and have virtually no noticeable impact on hospital operations.



BEFORE

"Capital dollars in healthcare are much harder to come by today, so there's a lot of possibility out there for a solution like AQUIS. Not only do they continue to exceed my expectations, but I wish I had more business partners like them. The AQUIS installation teams are of the highest caliber and very professional. When they show up for a project they are in and out, and next to no one even knows they're here working. We have saved a lot of money by refurbishing our air handlers with AQUIS, and we look forward to working with them again soon on other projects."

DEVIN HUGIE, CHFM, SASHE, CHSP-FSM - DIRECTOR OF FACILITIES

## Solution

AQUIS delivered significant capital cost savings to CHOC by effectively restoring and sealing all six (6) AHUs, and without disruption to daily operations. The AQUIS Solution significantly extended the life of these key pieces of equipment for years to come by incorporating the following during installation:

- Application of the AQUIS CPR-SL System (self-leveling) to chamber floors. This multi-layer engineered coating system complies with NFPA 90A, NFPA 101 Life Safety Code and Joint Commission requirements.
- Application of AQUIS AVS coating solution to chamber walls and ceilings.
- Installation was completed with minimal downtime and without impact to daily operations.
- The AQUIS System contains zero VOCs and no detectable odors.



AFTER

**Take the first step towards extending the life of your air handlers...**  
 Call: 888-494-1191 (toll free) • E-mail: [sales@aquissolutions.com](mailto:sales@aquissolutions.com) • Visit: [aquissolutions.com](http://aquissolutions.com)

