



PROJECT SPOTLIGHT: Series 3000 Makes The Grade



An Opportunity

The University of Virginia (UVA) Law School had a problem - there were more occupants and electronic equipment in its building than ever before, and the originally designed cooling capacity was not keeping up with increased load. To keep students and faculty comfortable, and keep the building equipment working properly, UVA needed to upgrade their facilities.



The Solution

The North Grounds Mechanical Plant was proposed as an expansion opportunity to provide UVA with additional cooling capacity. The proposed project not only expanded the building's footprint, but it also had to meet UVA's goals of optimizing efficiency, reducing energy usage and carbon emissions while also reducing life-cycle costs. While UVA had previously used a competitor's counterflow tower on the main law building, UVA made the switch to Baltimore Aircoil Company's (BAC) Series 3000 crossflow cooling tower because of BAC's ENDURADRIVE™ Fan System. The ENDURADRIVE Fan System utilizes a



PROJECT SPOTLIGHT:

Series 3000 Makes The Grade CONTINUED

direct-drive motor to provide a reliable and energy efficient solution to UVA's project needs. Tired of the endless maintenance as well as gear and gear box failures, UVA's Facilities Manager, Justin Callihan is a "huge fan" of their new ENDURADRIVE Fan System, as it reduced maintenance costs by over 90% and helped avoid downtime.



BAC sales representatives Joe Prillaman (L.A. Prillaman) and Dan Chudecke (Mulcahy) presented the benefits of the Series 3000 with the ENDURADRIVE Fan System as the best solution to existing problems as well as new expansion needs. The ENDURADRIVE Fan System reduced operating and maintenance costs by eliminating moving parts, reducing service intervals, and eliminating costly oil replacements. "The change over from gear drive systems to the new direct-drive system has been positive," stated Joe Witchger at HGA, the consulting engineer on the project. Another selling point to UVA was the short payback period, a result of up to 10% reduction in energy costs and over \$1,000 per year reduction in maintenance and repair costs. For more information on BAC and the ENDURADRIVE Fan System, contact your local BAC Sales Representative or visit www.BaltimoreAircoil.com.



**BALTIMORE
AIRCOIL COMPANY**

7600 Dorsey Run Road, Jessup, MD 20794 › Telephone: (410) 799-6200 › Fax: (410) 799-6416

PRS #10/2015

© 2015 Baltimore Aircoil Company

