

## Case Study - Education

### The Big Noise on Campus

When Western Maryland College, Westminster, MD, sought to identify the noisiest locations on campus, they were a bit surprised at the findings. They expected the cafeteria, student union building, and construction sites to be noisy... but, vacuum cleaners?

Yes, vacuum cleaners—at a loud 95 dB—turned out to be the loudest culprit on the Western Maryland campus.

To help students and staff on campus teach, study, and sleep better, the college looked for replacement vacuum cleaners that were powerful, environmentally preferable, and quieter—like the CV30 from Tornado Industries.

The CV30 was developed listening to the needs of hotel housekeepers—the people who often use vacuum cleaners more often than anyone else in the industry. They wanted a quiet machine and at 66 dB—about the sound of a muffled dishwasher—the CV30 is one of the quietest machines available. In fact, there's even a "Whisper Quiet" icon right on the machine.

Tornado achieved this by installing quieter motors and adding more sound-proof insulation. They also designed the machine with an air-tight casing that has substantial sound-reducing properties.

But, the campus was also looking for a more powerful and "greener" machine. With its mighty 9-amp motor and true-HEPA design, the CV30 easily met their criteria—if fact, the CV30 has even won the Carpet and Rug Institute's Green Label Certification. This certifies that the CV30 is powerful enough to remove most common soils, trap dust to help improve indoor air quality, and keep the carpet's appearance looking good.

"College kids have enough distractions on campus," says James Hlavin, Tornado's vice president of sales. "We're glad our CV30 can help minimize one of them."



CV 30 HEPA-filtered Upright Vacuum