

College of Wooster Ohio - Holden Dorm



Location

Wooster,
Ohio

The RLD Project Team

Dave Dyer,
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Challenge

The College of Wooster was experiencing a pump failure in the hydronic heating system. They were looking for a solution that would help them achieve improved efficiencies, lower energy bills, and provide system reliability. One option they considered was variable speed technology, but there were concerns that their older 3-way valve controlled system would not allow this solution.

Why R.L. Deppmann?

The original system had required two pumps operating to satisfy the occupants during the winter months. With one pump failing and winter approaching, they called Deppmann to discuss their options.

Solution

The obvious replacement product was a **Bell & Gossett, Xylem, Ecocirc-XL inline pump**. The EcoCirc-XL uses its built-in temperature sensor, built-in point-of-use controller, and a remote sensor wired to the pump to provide the variable speed capability. During the 2014-2015 heating season, the system ran with only one pump, the EcoCirc-XL, in variable speed mode. The occupants were warm and the College of Wooster realized significant energy (and cost) savings.



"The new pump is running great. I showed my supervisor the savings today and he was shocked... The new pump uses 90% less energy than the old pump"

-Client Testimonial

