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University of  
Hartford

## University of Hartford West Hartford, Conn.

Campus Improves Safety, Reduces  
Maintenance with TMVs

### Challenge

The University of Hartford is an independent institution with a rich history dating back to 1877. The University's spacious 340-acre main campus is located in suburban West Hartford, Conn., and features housing for 3,200 students, a modern sports and recreation complex, performing arts center, theater, and more.

In 2002, the University of Hartford's facility staff decided to install thermostatic mixing valves (TMVs) to better control water temperatures in the student dorms. The valves were added to seven student apartment clusters to reduce the risk of scalding for students at the University.

## CASE STUDY

### THERMOSTATIC MIXING VALVES



## Solution

According to sales representative Peter Burkholder, president of A.R. Burkholder Assocs., Inc., in Simsbury, Conn., the University of Hartford contacted them early in the process to discuss product options. “We’ve worked with the University on many projects over the last 25 years,” noted Burkholder. “In this case, we took several valve samples over and ultimately they chose the Bradley valves we recommended.”

“We decided to try the standard Bradley valves because they have a simple cartridge with individual parts that can be easily replaced,” said Lou Perleoni, head of plumbing services for the University of Hartford. Other valves on campus have been costly to maintain, and Perleoni particularly appreciates spending less time maintaining these new valves.

## Ensuring Student Safety

Literally thousands of showers are taken each day in dorms and locker rooms on the University of Hartford campus. Since scald protection is a key issue, the school needed to replace single hot water tanks with tempering valves in its Village Apartment complex.

In total, about 12 Bradley Navigator® TMVs have been installed at the University. For efficiency, these master TMVs are each installed near the hot water source. This eliminates the need for installing individual valves for each shower. The Navigator line of valves uses single-valve technology to blend hot and cold water to preset temperatures with pinpoint accuracy, providing better user protection. Preset temperatures are maintained within three degrees, and in the event that cold water supply is lost, the valves will shut-off hot water to prevent scalding.

Compared with multi-valve systems, Bradley’s Navigator valves are easier to install, setup, and maintain. Available in high-low, standard and emergency fixture models, each Navigator valve reliably controls water temperatures for various demands – even for the high volumes of water at the University of Hartford.

“The new Bradley TMVs are working marvelously,” Perleoni said. “I’m amazed by the lack of maintenance on these valves.” Perleoni also mentioned that he appreciates the compact Navigator design and that cleaning the cartridge is not an issue.



Lou Perleoni takes a moment to stand back and admire one of his new low-maintenance TMV valves.

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- Lou Perleoni  
Head of plumbing services  
University of Hartford

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Bradley TMVs installed in the University’s seven student apartment clusters help control water temperatures and provide scald protection for students.