



CASE NOTES

Project:

Valley View Elementary School in Green Bay, Wisconsin was using an 80% efficiency gas water heater that had been installed more than 15 years ago. To boost efficiency and reduce its carbon footprint, the school replaced that model with an A. O. Smith Cyclone® Flex high-efficiency commercial water heater.

Location:

Green Bay, Wisconsin

Products Used:

Cyclone® Flex Water Heater

Features & Benefits:

ENERGY STAR® Certified - Up to 98% efficiency, reducing energy costs and maximizing performance

AiQ™ Adaptive Gas Control System - Allows the unit to adjust to fuel qualities as well as fuel type, improving combustion while simplifying storage and installation

Intelligent Control System - Features a 7-inch color touch display with iCOMM™ connectivity for remote monitoring and precise temperature control

Submerged Combustion Chamber - Virtually eliminates radiant heat loss, improving overall energy utilization

Flexible Venting Options - Supports conventional power venting or direct venting with low-cost PVC, CPVC, polypropylene or stainless steel materials

Leak Detection Module - Alerts users with audible alarms and notifications via iCOMM™ connectivity for proactive maintenance

Space-Saving Design - Allows for flexible installation with minimal clearance requirements

Powered Anodes - Non-sacrificial and maintenance-free, providing long-lasting tank protection in varying water conditions

Helical Coil Heat Exchanger - Enhances heat transfer while minimizing lime scale buildup, ensuring long-term efficiency

For More Information:

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AN A. O. SMITH CASE STUDY

Valley View Elementary Increases Efficiency And Reduces Carbon Footprint With A. O. Smith Cyclone® Flex Water Heater

THE CHALLENGE

Like most elementary schools across the nation, Valley View Elementary in Green Bay, Wisconsin relies on its water heater for reliable hot water in the bathrooms and kitchen. The school was using an 80% efficiency gas water heater that had been installed more than 15 years ago. When selecting a water heater, they knew that the Cyclone FLEX water heater from A. O. Smith would perfectly fit their needs.

THE SOLUTION

The Cyclone FLEX water heater recently joined the plumbing industry's most specified high-efficiency commercial water heater family, which holds a proven track record of optimal performance. Cyclone FLEX is the latest addition to A. O. Smith's extensive line of high-efficiency gas water heaters, which have served as the gold standard in the category since the introduction of the Cyclone® water heater in 1996.

"We were looking for greater efficiency. It's very important to us to have a reliable supply of hot water for our kitchen – and to make sure that students have hot water to wash their hands throughout the school year," says School Superintendent Thomas Schmitt. "We needed a water heater that would deliver higher efficiency and lower our carbon footprint. So we chose the A. O. Smith Cyclone Flex unit, which delivers up to 98% efficiency."



THE RESULTS

“Schools have absolutely no reason to wait to upgrade to a high-efficiency water heater like the Cyclone Flex,” says manufacturer representative Peter Bibby from Soderholm & Associates.

“The Cyclone Flex’s flexible venting from two to six inches eliminates any venting hassles the installer might have. And the Cyclone Flex’s AiQ Adaptive Gas Control System makes it easy to adjust to both fuel qualities and fuel type.”

The Cyclone Flex is available in three input sizes within the 60-, 100- and 119-gallon models. The water heater features a streamlined design with a 7-inch color touch display to make it easier to operate and maintain. The Cyclone Flex water heater also includes integrated leak detection that alerts users with audible alarms and notifications via iCOMM™ connectivity.

Find more information about the Cyclone Flex and other products at www.hotwater.com.

