



Applegate Apartments: Water & Energy Savings with Evolve's ShowerStart® Express Tub and Shower System

Delight Customers While Expanding Savings Beyond Showerheads

Realized Savings

785,354
GALLONS SAVED

7%
WATER USE
REDUCTION

\$10,174
ANNUAL WATER BILL
SAVINGS

\$4,305 - \$11,147
ANNUAL ENERGY
SAVINGS (EST.)

Up to \$21,321
TOTAL SAVINGS
PER YEAR

THE STORY

Applegate Apartments, owned and operated by Maryland Management, is located in a well-established residential area just outside of historic downtown Frederick, MD. The multifamily property contains two buildings comprising one-, two- and three-bedroom apartments. Rents range from \$1074 to \$1709 per unit. Each shower on the property uses a 1.5 gpm showerhead. The property was looking for new ways to reduce water and energy costs.

THE PREDICTIONS

Evolve recommended installing a ShowerStart® Express Tub and Shower System in each unit. Using property occupancy data, Evolve estimated Applegate Apartments could save up to 769,217 gallons of water annually, with each System saving 10 gallons of water per shower. Savings of an additional 6 gallons per shower, through the System's WaterSense showerhead, were not available as the property was already using 1.5 gpm showerheads.

THE SOLUTIONS AND RESULTS

The property's in-house maintenance staff installed the ShowerStart® Express Tub and Shower Systems. Monthly water consumption was monitored through review of the meter readings reported on the property's utility bills. No other water saving products were installed during this time.

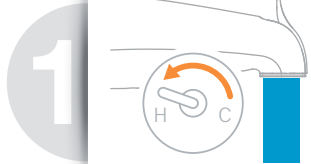
A year after the installation, Applegate Apartments experienced a 7% total water reduction across the complex saving over 785,354 gallons (over 16,000 more than estimated). This reduction produced financial savings of over \$10,000 in water costs for the first year alone. Based on these results, the property is projected to save an additional \$4,305 - \$11,147 in annual water heating expenses depending on the type of fuel being used. The success of this project highlights the effectiveness of the ShowerStart® Express Tub and Shower System in achieving significant water savings and cost reductions. The combination of Warm-Up Waste and Diverter Leak savings contributed meaningfully to the overall efficiency and sustainability of the property.



Contact us today to learn more. AMConservation.com / 843-971-1414 /

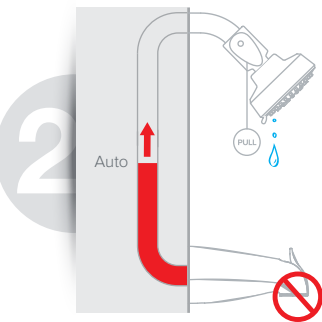


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Turn on hot water

The ShowerStart® Express Tub Spout purges cold water quickly to deliver hot water up to 3 times faster. Continue your typical routine while waiting for the shower to warm.



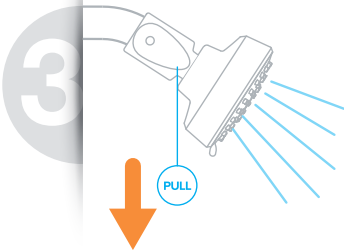
Efficiency Opportunities

Hot Shower Standby

When the water reaches 95°F, the System automatically diverts water to the showerhead and lowers flow to a trickle—saving hot water until you're ready to get in.

Warm-Up Waste Waste Savings 5 GAL.

Stops warm and ready, but empty, showers from running on-and-on.

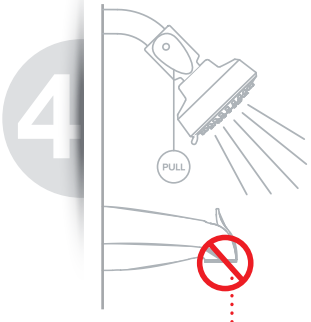


Pull cord when ready to get in

And enjoy showering in a warm high-pressure spray.

Efficient Showering Savings 6 GAL.

Certified to deliver great feeling water and energy efficient showering.



Stop tub spout diverter leaks

Diverter Leaks Savings 4.5 GAL.

Thermostatic seal prevents hot water from exiting the tub spout while the shower is running.

