Flow DYNAMICS

Brains for your water meter™

CASE STUDY

Chateau Tower Condominiums

Tampa, FL

16%

SAVINGS

on water & sewage after 3" SMARTVALVE **installation**

Annualized Savings

$11,028.00

Return on Investment

9.2 Months

Solution Benefits

Decreases your water meter readings by reducing over-spinning due to pressure spikes

Maintains constant backpressure upstream past your meter to eliminate air pockets read by your meter and added to your bill

Flexible installation options – Can be installed directly after the meter set or up to 100 yards downstream

Scientifically proven by engineering research studies

In an effort to reduce their constantly increasing water and sewer bill from rising billing rates, the Chateau Tower Condominiums homeowners association near Tampa, Florida implemented the SMART VALVE™ with the help of energy efficiency consulting services from Gone Green Earth. The unique and patented SMART VALVE™ maintains constant backpressure against the water entering your meter to eliminate air pockets being read by your meter and added to your water/sewer bill. The SMART VALVE™ has been scientifically proven by independent engineering research studies from prestigious universities like the Texas A & M Engineering Research Center.

The Solution

After careful analysis of the plumbing distribution system in the complex, the SMART VALVE™ was installed on the main domestic water line in about 2 hours in July of 2020. Savings averaging 16% was immediately realized on the first bill. All of this was accomplished without a change in water pressure being detected by the residents.

How it Works

The SMART VALVE™ is an innovative patented product designed to improve water meter accuracy and achieve water conservation. Installation of the SMART VALVE™ on the owner's side of the meter reduces consumption readings, thereby lowering monthly water & sewer bills. As faucets, showers, etc. are turned on and off, the pressure changes throughout the water distribution system. This pressure change allows air pockets contained in all water systems to expand and they are read by your meter. The SMART VALVE™ is specially designed to maintain a constant backpressure at the meter preventing air pocket formation. As a result, water meter readings for non-volumetric applications will be reduced anywhere from 10 to 35%. Because the SMART VALVE is the only device of its kind that is externally adjustable, the backpressure can be changed until maximum savings is achieved.

Out of respect for the client, please do not attempt to make contact without obtaining permission.

Flow DYNAMICS

Brains for your water meter™

CASE STUDY

RWJ Barnabas Ambulatory Care Center

200 S. Orange Ave, Livingston, NJ

Annualized Savings

$15,500.00

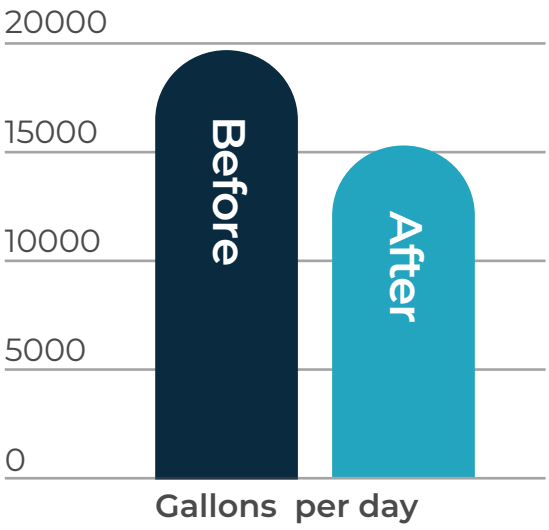
Gallons Saved

1,533,000

Payback

<6 Months

19% Reduction



Property Description:

Multi-Purpose Medical

Water Source:	Installed:	Meter Size:
Municipal	2/13/2017	Two 2 inch

Consumption prior to installation:

Dates/Time Period:	Gallons Per Diem:
Nov 2015 - Nov 2016	19,625

Consumption after installation:

Dates/Time Period:	Gallons Per Diem:
Dec 2016 - March 2017	15,425

Comments

Pressure and flow met requirements for all equipment (J. Flanagan – Facility Engineer)

Out of respect for the client, please do not attempt to make contact without obtaining permission.