

# Irrigation Retrofit Program

## Improving sprinkler system efficiency



**INEFFICIENT**



mechanical timer (top)  
indexing valve (bottom)

- ✓ Approximately 70% of the homes in Miami-Dade County have mechanical irrigation timers and indexing valves (as seen to the left). These systems are inefficient due to a couple of key issues:
  - ❑ All zones must be programmed to run the same amount of time.
    - Not all sprinklers apply water at the same rate and not all plants need the same amount of water. It is possible some zones need half as much water as the others.
  - ❑ Indexing valves can get clogged and stuck, causing water to only be applied in one zone.
    - This could cause plant damage in both the dry zones and the zone getting the water. Too much water can cause plant disease and fungus.



**Digital Timer**



**Electric Valves**



**More  
Efficient**

**ADD** one of these irrigation controllers and increase efficiency even more!

All of the devices below can prevent irrigation when plants already have sufficient water, reducing outdoor water use by 15% to 60%.



**Rain Sensor**



**Soil Moisture  
Sensor**



**ET Controller**

Participate in the Miami-Dade County Irrigation Retrofit Program to receive rebates for improving irrigation systems. Homeowners can receive up to \$400 per year for up to 3 years. In order to receive reimbursement, sign up for a **free** irrigation assessment from the Urban Conservation Unit before making any changes to your system. To sign up for the program and for a list of irrigation system retrofits that qualify for rebates Contact the Extension Service.

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