

CONSERVATION

Solutions



Smith Turf & Irrigation:
Leading the way in
EnviroSmart products for a
greener environment and
healthier landscape

Landscape & Turf Irrigation Systems

Toro Precision™ Series Spray Nozzles



Larger, more uniform droplets visible only with strobe light illumination.

With a standard precipitation rate of 1" per hour or less, these revolutionary nozzles use 1/3 less flow to reach the radius of a conventional spray nozzle. Also, H₂O Chip technology allows for a larger, more uniform droplet size, which means more consistency and watering accuracy, resulting in less runoff. Male and female threaded models are available. **TORO**

Benefits:

- More heads per zone
- Lower overall cost of system
- Excellent retrofit for existing systems
- Significant reduction in runoff
- Nozzle selection second to none
- 35% lower flow rate



Toro Precision™ Series Rotating Nozzles

With a radius range of 14 to 26 feet, the uniformity and close-in watering of this nozzle is second to none, preventing extended irrigation cycles to eliminate brown spots. It delivers wind-resistant, multi-stream, multi-trajectory patterns. And, with a precipitation rate of 0.55" per hour, you'll have the luxury of meeting tight water window needs. **TORO**



Benefits:

- Male or female thread
- Adjustable arc from 45° - 270°
- Matched precipitation rate
- 5 year warranty



Toro Intelli-Sense™ Series Controllers



A "smart", automatically adjusting irrigation controller that determines a proper watering schedule based on programming and WeatherTRAK® satellite-transmitted weather information. This technology prevents over-watering of the landscape so less waste and runoff water is produced. **TORO**

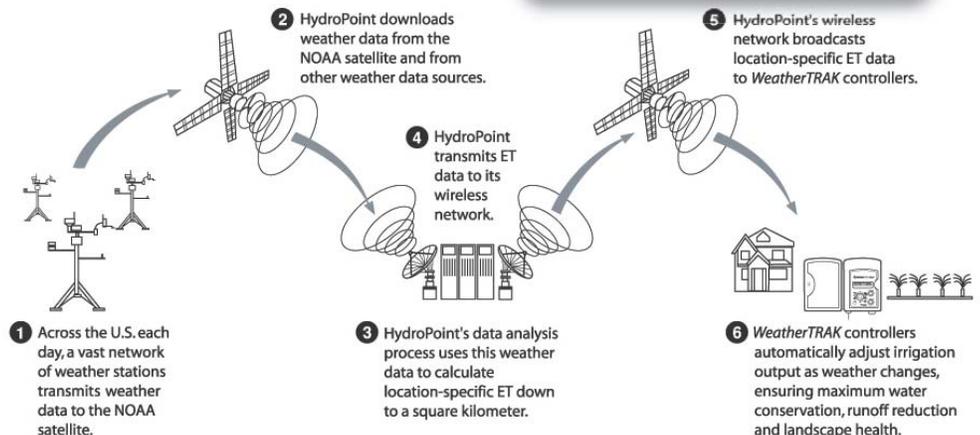
Benefits:

- Save up to 50% of water used with conventional controllers
- Eliminate frequent controller program adjustments
- 100% efficient as tested by the Center for Irrigation Technology



How it works...

Standard irrigation systems water based on a schedule, regardless of your lawn's needs, generally wasting water due to inaccurate and inefficient application. Systems with WeatherTRAK® actually monitor the weather to determine when and how much water your lawn and landscape need. Now that's "smart" irrigation that will help save your clients money and help preserve fresh water resources, while maintaining the beauty of your lawn.



Toro RainSensor™ Series

The ideal water management tool for all applications, Toro's wireless rain and rain/freeze sensors wirelessly monitor rainfall and/or temperatures to prevent irrigation when it rains or if the air temperature drops below a user-defined point. These programmable sensors with patented Water Conservation Modes can lower your water usage by up to 30%. **TORO.**



Toro PRX 570Z Spray Bodies

Ideal for landscapes with high or varying operating pressure (including sites with long pipelines and slopes). The unique x-Flow feature will restrict water loss by 99% if nozzles are broken off. **TORO.**



Spray body with broken nozzle without x-Flow



Spray body with broken nozzle with x-Flow



Netafim Drip Irrigation

Netafim promotes smart water solutions for a sustainable future and encourages customers to "grow more with less". With drip irrigation you can mold your irrigation system to the exact dimensions of the landscape area to be irrigated, and it allows equal amounts of water to be delivered over a broad pressure range.

Benefits:

- 90% efficient!
- Less zones than overhead sprinklers
- No overspray - run at any time of day



Toro Turf Guard® Soil Monitoring System

This wireless soil monitoring system lies completely beneath the turf, monitoring the moisture level, alkalinity and temperature conditions of the soil. This information is delivered in real time, allowing you to make accurate and up to date decisions regarding your watering needs, significantly limiting over-watering, and thus, wasted water. **TORO.**



P220 Pressure Regulating Valves

These pressure regulating valves feature very low power consumption thanks to the SpikeGuard™ solenoid. Lower pressure means less fogging and wind drift of water, and less water used means higher efficiency and lower water bills. The energy efficient valves are designed for applications with pressure up to 220 psi, but are also able to pressure regulate the flow anywhere from 5 - 100 psi. **TORO.**



Lighting

L.E.D. Lighting

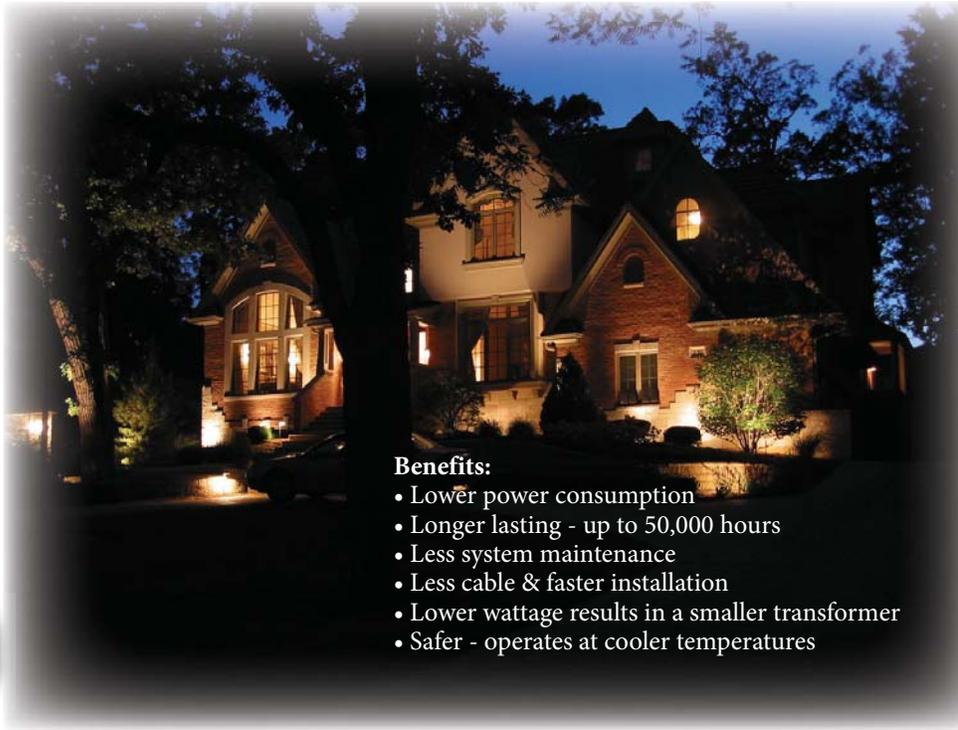
Light Emitting Diode technology uses 80% less power than traditional incandescent lighting technology, significantly cutting both energy consumption and cost over the life of the product. LED lighting is also as aesthetically pleasing as traditional landscape lighting options, so you save energy and money while maintaining a beautiful nighttime appearance of your landscape.



KICHLER
LANDSCAPE LIGHTING



VISTA
PROFESSIONAL
OUTDOOR
LIGHTING



Benefits:

- Lower power consumption
- Longer lasting - up to 50,000 hours
- Less system maintenance
- Less cable & faster installation
- Lower wattage results in a smaller transformer
- Safer - operates at cooler temperatures

Rainwater Harvesting

Aquascape RainXchange™

Rainwater harvesting is an effective way to utilize naturally occurring runoff water that would otherwise be wasted. Aquascape's rain barrels (seen at right) and RainXchange system are not only functional for harvesting water to replenish water features, but they're also an aesthetically pleasing addition to any landscape. They'll reduce water bills while also benefiting the environment by cutting down on wasted fresh water resources.



Aquascape

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