



Watering Smarter with
Automatic Irrigation

Conserve water with Rain Bird automatic irrigation solutions.

What is an Automatic Irrigation System?

Your automatic irrigation system can be as simple or complex as you decide, depending on your landscape needs, the level of automation you choose, and your overall water conservation goals.

An automatic irrigation system will use a **controller** to set a schedule to water your landscaping. Based on that schedule, the **controller** will open your water **valve** that allows water to flow to **sprinkler heads** or **drip emitters**.

At the end of the schedule, the **controller** will close the **valve**, stopping the flow of water until the next scheduled start.

Unlike irrigation systems that are manually operated, an automatic irrigation system allows you greater control over when and how much water is applied and how often. A Rain Bird automatic irrigation system can help keep your landscape looking beautiful for years to come.

Irrigation System

A set of components which includes the water source, water distribution network, control components, and emission devices used to irrigate a variety of landscapes.

Benefits of Automatic Irrigation

The ultimate benefits of an automatic irrigation system are the beautiful green spaces, gardens and landscaped areas you can create and maintain with consistent and reliable irrigation. Green spaces, parks and gardens increase property values and beautify shopping and business centers.

- Helps deliver the precise amount of water to prevent under- and over-watering
- Maximizes plant health and protects investment of trees and landscaping
- Saves labor expenses by eliminating manual watering
- Reduces safety issues from over-watering
- Allows for efficient use of water and helps meet water conservation goals
- Helps cultivate green spaces and parks for communities to enjoy
- Saves water, energy and money through efficiency

Eliminate manual watering



Reduce water waste



Maximize landscape health



Improve community spaces



Encourage public use



Grow vertical green spaces





Take Control with Rain Bird.



Irrigation Controllers for Residential or Commercial Landscapes

All Rain Bird controllers simplify the operation of your irrigation system by using flexible features to automate watering. From battery-operated to WiFi-connected controllers, Rain Bird has residential and light commercial controllers to meet your project goals and budget, and accessories to maximize your water savings.



Rain and Rain/Freeze Sensors

Prevents watering when it rains or freezing temps detected



LNK2 Enhanced Control

WiFi connection to controller



Valves for Optimal Performance

A valve is like a faucet. Valves respond to commands from the controller. When valves receive a signal to open, water flows to the sprinklers. When they receive another signal to close, the flow of water stops. Rain Bird's industry-leading valves are known for consistent, problem-free performance. There is a Rain Bird valve for every landscape application.



Rotors and Sprays for Reliable Delivery

Reliability and ease of use are two of many reasons why Rain Bird rotors and sprays are used in irrigation systems worldwide.

Rain Bird technology produces larger water droplets and uniform coverage to maximize water savings. Rain Bird rotors are ideal for use in parks, sports fields and other large turf applications. The complete line of Rain Bird sprays offers options for every application and budget.



Low Volume Drip Irrigation Conserves Water

Drip irrigation is a low volume watering method that delivers water slowly and directly to the plant roots for maximum efficiency. Rain Bird offers a full range of water-saving low volume and drip accessories that are perfect for flower beds, plantings, trees, shrubs, and turf.



The Intelligent Use of Water™

At Rain Bird, we believe it is our responsibility to develop products and technologies that use water efficiently. Our commitment also extends to education, training and services for our industry and our communities.

Through innovative product development, Rain Bird is helping sustain healthier landscapes — and a healthier planet. A lush lawn or colorful garden can also be highly water-efficient. Every Rain Bird product is a testament to that truth.

From water-saving nozzles to sprays with pressure regulating stems to leading-edge Smart Control Technology, Rain Bird products make the most of every drop, delivering superior results with less water. That's The Intelligent Use of Water.™

Case Studies



City of Kayseri, Turkey

A railway system project in the city of Kayseri, Turkey significantly expanded its turf area by over 250,000 square meters. Due to the shallow turf depth, the city needed an irrigation system that would ensure both water savings and control system flexibility. XFS Subsurface Dripline with Copper Shield™ Technology and IQ Central Control were chosen to reduce evaporation loss and protect against surface watering of roadways, pedestrian walkways and railway trams.



Sai Gon Bridge Park, Viet Nam

The Sai Gon Bridge Park in Ho Chi Minh City, Viet Nam covers more than 34,000 square meters and was recently renovated to include new walkways and landscaping features. The existing irrigation system was audited for efficiency and to identify areas for improvement. Once improvement changes were defined, the irrigation system was upgraded to utilize IQ-Cloud Central Control to maximize both water efficiency and time savings.



Yanbu City, Saudi Arabia

Saving water in this ongoing residential development in the Western Province of Saudi Arabia was a significant priority and focus for the Yanbu Royal Commission. Factors such as reducing water usage and costs, improving public safety, and minimizing maintenance costs led the Commission to select the XFS Subsurface Dripline with Copper Shield™ Technology to achieve efficient water usage, protect landscaping, and eliminate water runoff issues.

**Read more about these projects and other
Success Stories at www.rainbird.com/solutions.**

The Intelligent Use of Water.™

LEADERSHIP • EDUCATION • PARTNERSHIPS • PRODUCTS

At Rain Bird, we believe it is our responsibility to develop products and technologies that use water efficiently. Our commitment also extends to education, training and services for our industry and our communities.

The need to conserve water has never been greater.

We want to do even more, and with your help, we can. Visit www.rainbird.com for more information about The Intelligent Use of Water.™

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