

# 2025 What's New Guide

Landscape Irrigation Products



**RAIN**  **BIRD**®

# Remote Irrigation Management Systems

Irrigate Anytime, Anywhere,  
Any Way You Choose

Remote management systems from Rain Bird allow you to program irrigation schedules, pinpoint problems, and help your customers save—all from a desktop, smartphone, or tablet. Using the Rain Bird 2.0 App or IQ™ 4 Central Control software, you'll have end-to-end control to manage all your residential and commercial sites from anywhere



## Rain Bird 2.0 App

Use Rain Bird's feature-rich mobile app to simplify manual operations. Get fast, dependable connectivity with the LNK2 WiFi Module to maintain irrigation schedules and access water-saving features.



## IQ4 Central Control

IQ4 software enables automatic weather-based adjustments, interactive mapping, and detailed reporting. It helps you save water, detect problems faster, and meet local watering guidelines.



## Rain Bird 2.0 App + IQ4 Central Control

With the flexibility of the Rain Bird 2.0 App and the power of IQ4, you can make on-the-spot changes to schedules directly from the app or, for deeper insights, access IQ4 through your browser.

| Station Capacity                                                                                                                                                            |          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Flow Sensing                                                                                                                                                                |          |
| Built-in Connectivity<br>(No Upgrade Required)                                                                                                                              | App 2.0  |
|                                                                                                                                                                             | IQ4      |
|   | App 1.0  |
|                                                                                                                                                                             | App 2.0  |
|                                                                                                                                                                             | IQ4      |
|   | IQ4 Only |



SCAN TO DOWNLOAD  
THE RAIN BIRD 2.0 APP TODAY



# Comprehensive Control at Your Fingertips

Select the level of control your business needs, then remotely manage all sites from anywhere in the world with 24/7/365 access. Make on-the-spot changes to schedules and programs from the convenience of the mobile Rain Bird apps or via desktop on the IQ™ 4 Central Control platform.



RC2



ESP-TM2



ESP-ME3



ESP-2WIRE

ESP-LXME2  
ESP-LXME2 PROESP-LX-IVM  
ESP-LX-IVM PRO

ESP-BAT-BT

| Residential |                         | Residential/Commercial |             | Commercial    |                    | Battery Operated      |
|-------------|-------------------------|------------------------|-------------|---------------|--------------------|-----------------------|
| Fixed<br>8  | Fixed<br>4, 6, 8, or 12 | Modular<br>22          | Fixed<br>50 | Modular<br>48 | Fixed<br>60 or 240 | Fixed<br>1, 2, 4 or 6 |
| -           | -                       | ✓                      | ✓           | ✓             | ✓                  | -                     |
| Wi-Fi       | -                       | -                      | -           | -             | -                  | Bluetooth®            |
| Wi-Fi       | -                       | -                      | -           | -             | -                  | -                     |
| -           | ✓                       | ✓                      | ✓           | ✓*            | ✓*                 | -                     |
| -           | Coming in 2025          |                        |             |               |                    | -                     |
| -           |                         |                        |             |               |                    | -                     |
| -           | -                       | -                      | -           | ✓             | ✓                  | -                     |

\*iOS Only

## Connection Devices



### LNK2 WIFI MODULE

**Remote Access: Rain Bird 1.0 and 2.0 App**  
LNK2 unlocks remote management potential by making on-site changes a breeze.



### NCC 4G CELLULAR CARTRIDGE

**Remote Access: IQ4 Central Control**  
Bring Central Control capabilities to any LX Series controller via cellular connection.

NEW

### Combined Platform Experience:



Need the best of both worlds? Get the flexibility of using the feature-rich Rain Bird 2.0 App integrated with the power of IQ4 Central Control. Make quick adjustments to schedules and programs from the app in real-time. Then, utilize more advanced water management tools such as ET from a desktop on the IQ4 platform. Currently available on RC2 and coming soon to other controllers in 2025.



## LNK™ 2 WiFi Module

LNK2 upgrades the ESP-2WIRE, ESP-ME3, ESP-Me, ESP-TM2, ESP-RZXe, ESP-LXME2 and ESP-LXIVM controllers with WiFi capabilities, allowing for system management from any place, at any time, with the mobile app.

Just plug in the module to your controller, pair it with the free Rain Bird® Mobile Apps and get real-time alerts.

LEARN MORE



**Model:**  
**LNK2WIFI**



### NOW AVAILABLE

LNK2 WiFi Module support for the ESP-LXME2 and ESP-LXIVM controllers.

LNK2 compatibility available for Apple® iOS. Android™ compatibility is coming soon.



Now with a strengthened network connection and Bluetooth® Fast Pair



### Experience the difference with instant connectivity

- Unlocks WiFi capabilities in our most popular controllers, making them fully accessible and programmable from iOS or Android compatible devices
- Smart Home Compatible (North America, Europe, and Australia)

### Achieve peace of mind

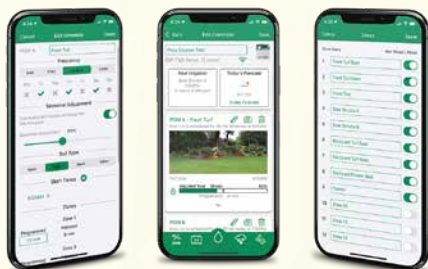
- Receive push notifications for irrigation and weather-based events
- Tailor alerts so you only get the information that matters
- Enable remote diagnostics, set up service calls, access troubleshooting, receive freezing conditions warnings, and much more

### Access our free professional app and manage multiple sites

- Use your phone like a wireless remote or operate the controller at the controller—you choose
- Water a single zone, all zones, or set a custom schedule
- Simple, multi-site management
- No tools required

### Exercise powerful intelligence

- Save up to 50% in water with weather-based adjustments to run times
- Utilize superior programming capabilities designed to meet the most stringent water restrictions
- Encrypted wireless communication protects user privacy



# IQ<sup>TM</sup> 4 Central Control

Take control of your irrigation business and your reputation with remote access to irrigation systems from any web-enabled device.

The IQ4 Platform offers state-of-the-art monitoring, programming and control features in one easy-to-learn user interface so you can spot an issue from a mile away...or a thousand miles away. Stay ahead of the curve with built-in evapotranspiration (ET) intelligence, automatic weather-based adjustments, catastrophe avoidance and more.

*RC2 controllers now available in IQ4*

- ✓ **Controller Sharing**—the easiest and most secure way to share access available
- ✓ **Site Transfer**—grants ownership access and changes
- ✓ **Standard ET**—new and improved version of Simple ET
- ✓ **Cycle + Soak™** suggestions
- ✓ **New options** for individual user preference management
- ✓ **Improved capabilities** in Snapshot + Restore Data
- ✓ **Many more ease-of-use improvements** making IQ4 better than ever!



*Ideal for irrigation professionals managing multiple controllers and / or sites. Collaborate with multiple users and between accounts with ease.*



## Starring streamlined navigation

- Quick and simple setup
- User-friendly, intuitive interface
- Time-saving batch editing capabilities across multiple controllers and sites



## Tools for every need

- Tiered user access levels with varied permissions
- Analyze and edit programming without interrupting irrigation
- Ad-hoc and automatic reports for easier data analysis
- Gain remote access to LX Series controllers with IQ cartridges



## Equipped with a modern user interface

- Accessible from any device connected to the internet
- Fully optimized for smartphones and tablets
- Brings automatic daily seasonal adjust to all LX Series controllers
- All features available on any device





# RC2 WiFi Controller + Rain Bird 2.0 App

## Increase Productivity with Smart Control

- Lightning-fast in-field setup
- No WiFi available? Try Guest Mode
- IQ4 integrated with remote management
- Unlimited Shared Access
- Copy and paste saved programs in a snap with scheduled templates
- State-of-the-art water-saving features

SMART HOME INTEGRATION



### Model:

**RC2-120V:** 8-Station

### Accessories:

**WR2-RFC:** Rain + Freeze Combo

**WR2-48:** Rain + Freeze Combo with 48-hour hold

**RSD-BEx:** Rain sensor with latching bracket, extension wire



## Quick to install

- Suitable for sites with up to eight stations
- One model for indoor or outdoor installation

## Simple to program

- Quick Pair Technology for fast and seamless mobile connection
- Rain Bird 2.0 App provides easy access to all program features
- Three available programs with up to four start times for each program
- Schedule templates allow contractors to save commonly used programs to import to a controller quickly and easily

## Advanced features

- Delay Watering up to 14 days and automatically resume after the set delay has elapsed
- Cycle+Soak™ by station give the contractor and homeowner an easy way to prevent wasted water due to run-off
- Seasonal Adjust by program allows you to reduce or increase watering by program
- Forecasted weather delays prevent irrigation when there is rain, wind, or freezing temperature in the forecast

## Coverage with or without WiFi

- User-friendly mobile app interface gives contractors and homeowners access from anywhere in the world
- Guest Access mode will allow connection to the controller with the push of a button for easy on-site contractor access



## 2-Wire Controller with Decoder Auto-Address



# ESP-2WIRE Controller

Experience 2-Wire benefits without the hassle.

The ESP-2WIRE Controller and 2W-1 Decoder continue Rain Bird's legacy of the best-in-class 2-Wire experience with an approachable platform for projects up to 50 stations. With the addition of Decoder Auto-Address, contractors can now take advantage of all 2-Wire benefits with a familiar platform that's easy to install and program.



Add Remote Connectivity with the LNK™2 WiFi Module

### Model:

**ESP-2WIRE:** 120VAC

### Accessory:

**2W-1 Decoder:** Compatible decoder for ESP-2WIRE Controller

### 50-station capacity

- Accommodates up to 50 stations plus master valve
- No need for expansion modules

### Low system cost and easy installation

- Standard direct burial wire
- Standard wire connectors
- No field grounding requirements

### Significant time savings

- Automatically detects decoder addresses connected to the 2-Wire path
- Automatically assigns decoder addresses to station numbers

### Control through the Rain Bird Mobile App

- Connects to WiFi for access anywhere in the world
- Local access through the mobile app with LNK2 when WiFi is not available on site
- Program addresses, rearrange, view status, and troubleshoot decoders all from your mobile device

### At-a-glance troubleshooting

- Status LED on controller back panel for real-time insight
- LED status indication lights for each individual decoder



# ESP-LXME2 Next Generation Traditionally-Wired Controller

Where tradition meets innovation.

The popular LXME Series commercial controllers have been upgraded, now offering up to 40 programs, a simplified user interface, additional connectivity options, and more. The LXME2 Controller provides flow sensing and management with modular station capacity from 12 to 48 stations.



**PRO**

## Ask about the LXME2 PRO.

Attach a flow sensor input and a second booster pump circuit or normally closed master valve. (Available factory or field installed.)



## NOW AVAILABLE

**LNK™2 WiFi Module support for the ESP-LXME2 and ESP-LXIVM controllers.**

LNK2 compatibility available for Apple® iOS. Android™ compatibility is coming soon.



## Modular design

- Perfect for traditionally wired new installs or retrofit applications
- Easy upgrade from LXME to LXME2 by swapping the front panel\*
- 12-station base unit expandable to 48 stations with 12-station modules\*

### MODULAR UPGRADES

- ▷ **PRO:** Flow sensing and additional second Booster Pump Circuit programmable by station
- ▷ Station capacity
- ▷ Metal case and pedestal
- ▷ NCC Network Communication Cartridges

## Intuitive operation

- Large backlit LCD display with easy-to-navigate user interface
- Six user-selectable languages
- Add or remove modules without powering down
- Copy/paste runtimes and Cycle+Soak™ programming from one station to many

## Powerful water management

- FloWatch™ protection for high and low flow conditions
- FloManager™ manages hydraulic demand
- SimulStations™ allow up to five stations to operate at once
- Water Windows by program plus Manual MV Water Window
- Cycle+Soak™ by station
- Intelligent calendar and weather-based delays

\*Only 12-station modules are compatible with the LXME2



# ESP-LXIVM 2-Wire Controller with Smart Valve Technology

Revolutionary 2-Wire design with Integrated Valve Module (IVM).

This innovative 2-Wire controller has advanced flow management tools and powerful new features such as the Integrated Valve Module with “smart solenoid” that stays in constant communication with the controller to provide efficient irrigation and advanced diagnostics.



## NOW AVAILABLE

**LNK™ 2 WiFi Module support for the ESP-LXME2 and ESP-LXIVM controllers.**

LNK2 compatibility available for Apple® iOS. Android™ compatibility is coming soon.



*Designed for the largest and most demanding sites such as housing or condominium complexes, schools, sports fields, parks, public spaces, or large industrial and commercial sites.*



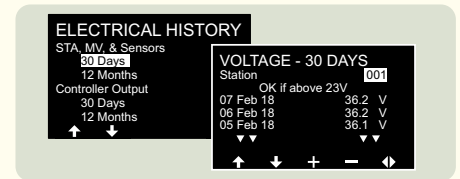
## Eliminate decoders

- 50% less wire splices saves time and money on installation, maintenance and repair
- Supports up to 60 stations standard or 240 stations with LX-IVM Pro



## Simple user interface

- Large, easy-to-read backlit display
- Additional buttons for increased functionality and ease of programming



## Precise diagnostics

- Two-way communication between the IVM field device and controller
- Connect up to four 2-Wire paths
- Discover problems and isolate shorted paths faster

## Smart Valves Preinstalled with IVM-SOL

*Best-in-class valves meet IVM technology*

Rain Bird's PGA, PEB/PESB and EFB-CP Series valves are now available with the Integrated Valve Module “smart solenoid” (IVM-SOL) preinstalled. Pair any of our new IVM Smart Valves with the ESP-LXIVM 2-Wire controller to eliminate decoders, reduce system cost, and improve reliability today.

### Models:

- **100PEBIVM & 100PESBIVM:** 1" Valve with IVM-SOL
- **150PEBIVM & 150PESBIVM:** 1.5" Valve with IVM-SOL
- **200PEBIVM & 200PESBIVM:** 2" Valve with IVM-SOL
- **IVM100PGA:** 1" Valve with IVM-SOL
- **IVM150PGA:** 1.5" Valve with IVM-SOL
- **IVM200PGA:** 2" Valve with IVM-SOL
- **IVM100EFB:** 1" Brass Valve with IVM-SOL
- **IVM150EFB:** 1½" Brass Valve with IVM-SOL
- **IVM200EFB:** 2" Brass Valve with IVM-SOL



## Advanced flow management

- FloWatch™ and FloManager™ optimize water usage, guard against high and low flow conditions and shorten total watering time

*“The innovative breakthrough is in the Integrated Valve Module, which relays valve status back to the controller and provides real-time monitoring of valves.”*

— Irrigation Association®

# ESP-BAT-BT

Increase control and decrease site visits—even in the absence of AC power.

Welcome to a new era of Bluetooth®-enabled irrigation control. The BAT-BT offers greater visibility and total command over commercial sites with its unrivaled battery life, trouble-free installation, and streamlined, smartphone-only operation via the Rain Bird 2.0 App.

## Models:

**ESPBAT-BT1:** One Station Bluetooth Battery-Operated Controller

**ESPBAT-BT2:** Two Station Bluetooth Battery-Operated Controller

**ESPBAT-BT4:** Four Station Bluetooth Battery-Operated Controller

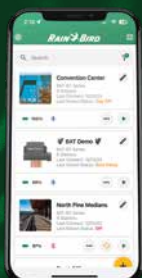
**ESPBAT-BT6:** Six Station Bluetooth Battery-Operated Controller

## Model Details:

- All models come with a dedicated MV wire
- All models have sensor port and wire
- One and two station units have one common wire. Four and six station units have two common wires.
- IP68 rated, rigorously-tested waterproof design protects against the harshest conditions

## Accessories:

- BAT-BT Potted Latching Solenoid
- BAT-BT Solenoid Adapters



*Built-in Bluetooth connectivity for total control with Rain Bird 2.0 App*



## Easy installation and maintenance

- Up to 5-year battery life with four AA/LR6 batteries
- Effortlessly change batteries with the wireless compartment
- 30 to 50 foot Bluetooth range
- Seconds based irrigation
- Quickly scan to connect and follow the guided setup via the Rain Bird 2.0 Mobile App

## Powerful, time-saving features

- **Last Known Status:** Never forget whether a controller is set to Auto, Off, Rain Delay, etc.
- **Offline Mode:** View and make changes to the schedule even when out of range
- **Controller Share:** Streamline operations and share newly added devices, off-line updates and controller settings with the team so everyone stays up to date
- **Monthly Seasonal Adjust (0% to 200%):** Ensure the watering changes with the seasons. Add seasonal adjustment values for each month a year in advance.
- **Rain Delay:** Pause irrigation up to 14 days, then automatically resume
- **No-Water Days:** Exclude specific days of the week on a recurring basis
- **Calendar Days Off:** Schedule 15 days per year for no irrigation
- **New Mapping Feature:** Get fast access to commonly used features and controller details
- **Effortless Installation:** Multiple attachment options in valve box and guided setup on app



*Rugged, Battery-Operated Controller*

## ESP-9V Battery-Operated Controller

Get reliable, automatic irrigation control, even when you don't have AC power—now with a 5-year warranty included.

Built to be installed virtually anywhere, the ESP-9V operates reliably for more than two years using two 9V batteries. With a waterproof case and dual-sealed battery compartment, life in a wet, dirty valve box is no problem. Get the convenience and efficiency of automatic irrigation control with the ESP-9V. Easy to use, easy to install, easy to own.



LEARN MORE



### Reliable and long-lasting design

- Plastic, weatherproof controller case with outstanding resistance to weather, yellowing and aging
- Operates for approximately one full year using one 9-volt alkaline battery, or two years with two 9-volt alkaline batteries
- 5-year warranty included
- Sensor input with bypass override
- Master valve/pump-start circuit (multi-zone units only)
- Non-volatile (100-year) program memory
- IP68 certified for protection against dust and water intrusion

### Straightforward and user-friendly

- Large LCD display with simple-to-navigate user interface
- Dedicated manual watering button for easy operation
- Automatic zone-stacking ensures that only one valve irrigates at the same time
- Contractor Rapid Programming™ feature
- Run times, start times, and watering days are customizable by zone
- Six start times per zone, four watering day options per zone
- Delay watering (one to nine days)



### Models:

**ESP9V1:** 1-Zone ESP-9V Controller

**ESP9V2:** 2-Zone ESP-9V Controller

**ESP9V6:** 6-Zone ESP-9V Controller

**ESP9V1SOL:** 1-Zone + 9V Solenoid





## FG100 Flow Sensor

Defend against leaks with flow-sensing technology.

Designed for residential and smaller commercial applications, the FG100 monitors irrigation and instantly identifies when there is a leak or line break so it can be addressed early. This durable flow sensor manages water efficiency, protects homeowners from potential damages, and positions you as a guardian of your customers' property and landscape—earning you a stronger reputation over time.



### Models:

**A83926 FG100:** 1" (25.4 mm) Flow Sensor NPT

**A83927 FG100:** 1" (25.4 mm) Flow Sensor Slip



2023  
**NEW PRODUCT  
CONTEST Winner**  
Irrigation Association  
Landscape Irrigation Category | TIER 1



### Provides maximum value

- A low-cost upfront investment
- Pays for itself with preventing just one leak
- Saves time, saves labor, and pinpoints issues faster
- Compatible with standard K-Factor and Offset controllers

### Straightforward and convenient

- Quick and easy to install
- Added with 18g irrigation wire—no specialty PE-Cable
- Winterization-ready upon install
- No straight-pipe requirements



Pair the FG100 Flow Sensor with the ESP-ME3 Controller to check system health from anywhere via the Rain Bird Mobile App, available for iPhone® and Android™, when adding the LNK™2 module.

\*SOURCE: Wireless and Wired Flow Sensors and Dedicated Submeters Used to Manage Large Residential Estates and Improve Irrigation Efficiency Report





## Ultrasonic Flow Sensors

The most advanced irrigation flow sensor available.

The Ultrasonic Flow Sensor (UFS) by Rain Bird® is what modern irrigation has been waiting for. Accurately measure very low and high flow rates, all in one sensor. Advanced sensing technology produces stable and accurate readings with no straight-pipe requirements. Enjoy new flexibility in system design and place your Ultrasonic Flow Sensor anywhere on your irrigation system—even in the same valve box as your master valve.

### Low and high flow measurement

- Wide flow range perfect for systems with multiple emission devices
- Ultrasonic transducer and reflector technology means more precision than traditional impeller meters
- **Flow Ranges:**
  - **UFS100:** 0.3–50 GPM
  - **UFS150:** 0.5–110 GPM
  - **UFS200:** 1.0–200 GPM

### Long-term dependability

- No moving parts for greater lifespan
- On-board LED lights for immediate status feedback
- Special body material grants high pressure and working temperature ratings

### No straight-pipe requirements

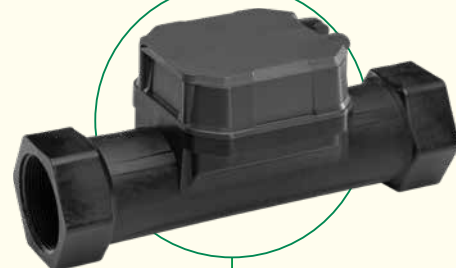
- Specialized design requires no straight pipe before or after the sensor
- Install near pipe bends or valves with consistent performance
- Save on time and material—install in the same box as your valve

### Models:

**UFS200:** 2" (50 mm) Ultrasonic Flow Sensor

**UFS150:** 1 ½" (40 mm) Ultrasonic Flow Sensor

**UFS100:** 1" (25 mm) Ultrasonic Flow Sensor





# ESP-HT2 Premium Hose End Timer

Reliable and flexible hose end timer for residential applications.

Automate your hose-end sprinklers, drip Irrigation system or soaker hose with this premium Hose End Timer. Available in Garden Hose Thread (GHT) and British Standard Pipe (BSP) configurations, these timers feature sophisticated automatic programming flexibility along with an extra rugged design for worry-free outdoor watering all season.



## Models:

**ESP-HT2 - GHT:** Brass female GHT coupler and brass GHT male threaded outlet

**ESP-HT2 - BSP:** Brass female BSP coupler and brass BSP male threaded outlet



## Versatile application

- Professional-grade electronic timers
- Enables water to soak in, even on slopes or clay soil
- Use with hose-end sprinklers, drip irrigation and soaker hoses
- Automatic and manual watering for gardens, landscaping beds, and newly seeded or established lawns

## Flexible programming

- Simple-to-set seven-day automatic programming
- Up to six hours of watering per cycle
- Scheduled watering with up to four start times per day
- Complies with watering restrictions

## User-friendly design

- Intuitive program dial and large LCD screen display
- At-a-glance view of next scheduled water cycle and time remaining on current cycle
- One touch override buttons for "Cancel Watering" and "Water Now" (manual watering)
- "Cancel Watering" can also act as rain delay up to 96 hours

## Durable construction

- High-flow design with low pressure loss valve
- Rugged brass female coupler and threaded brass male outlet prevent accidental cross threading





## Enhanced 1" Valve Line-Up

Rain Bird has the right valve, for the right job, every time.

### More Competitive Than Ever!

- 100DV newly positioned against leading competitor
- 100DVF is a cost-effective light commercial valve that meets same product performance spec as leading competitor
- 100PGA is the standard for commercial valves

### Coming Soon!

- Next generation HV production home valve
- Product Selection Guides to help you choose the right valve for your application





# 11000 Series Rotors

Engineered for sports fields and large turf applications.

11000 Series Rotors feature a minimally exposed surface to protect athletes while providing superior distribution uniformity and enabling a greener and higher performing field of play. Easy installation and top-serviceable maintenance ensure cost savings at every turn.

## Models:

**11004:** 1.5" ACME female-threaded inlet

**11004-ON:** 1.5" ACME female-threaded inlet with opposing nozzle



LEARN MORE



## Superior performance, smaller footprint

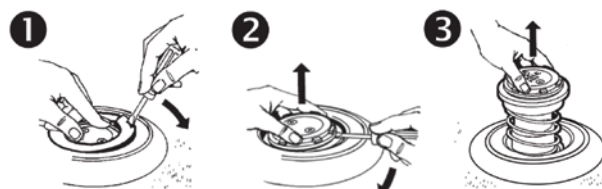
- 105' (32.0 m) of true coverage/throw
- Irrigate a field 25% larger with 40% fewer rotors than traditional rotor solutions
- Fewer components and less piping required
- Reduces installation time and cost

## Inspired by sports turf professionals

- Optional opposing nozzle available
- Increased droplet size for maximum efficiency and uniform coverage
- Nozzle pre-installed for quick installation
- Industry-best popup height means less mowing

## Hassle-free maintenance

- Intelligent snap ring design
- Top-serviceability
- Quick access to serviceable components
- Arc adjustments performed using a standard rotor tool





# **CHAMPIONS ARE GROWN**

**A HIGHER STANDARD INSPIRED BY SPORTS TURF PROS**

Deliberate planning, meticulous care and a deep sense of pride. It's what sports turf professionals bring to venues large and small around the world. Which is why Rain Bird puts only the best into our sports irrigation solutions. From the longest-throwing rotor to the most advanced site control and more, we constantly step up our game to help you win at yours.



Watch sports turf pros in action and see our newest products at [rainbird.com/sports](https://rainbird.com/sports)



**NEW** 11000 Series Rotor

# **RAIN BIRD®**



# R-VAN Rotary Nozzles

Match precipitation. Unmatched efficiency.

R-VAN rotary nozzles are a staple of your irrigation rotation, delivering efficient and uniform coverage in a system designed to be installed and maintained by hand. Our focused collection of R-VAN nozzles is powered by an innovative, water-conscious design capable of fitting in with any landscape—all without the need for specialized tools and equipment. Purpose-built to make a difference you can see and feel, R-VAN is the answer to your next irrigation challenge.



LEARN MORE



## High Uniformity

Dependable distribution for even coverage



## High Efficiency

Watering times that work within strict standards



## Low SKU Count

Doing more with less



## Matched Precipitation

Common rate means fewer valves and fewer zones



## Large Water Droplets

Cutting through the wind to water with less waste



## Hassle-Free Maintenance

Using and adjusting without tools

## Making Installation and Maintenance Easier

- Adjust the arc and radius by hand – no tools needed!
- Pull up to flush for easy debris removal and maximized performance
- Leverage the nozzles' matched precipitation rates to simplify design and zoning

## Improving Watering Efficiencies Up to 30%

- Gentle, rotating streams create uniform coverage at lower precipitation rates
- Multi-stream technology optimizes absorption for healthier lawns
- Larger droplets and thicker streams cut through wind and keep water in target zone

## Offering Valuable Bottom-Line Savings

- Shorter zone run times save water and energy
- Lower precipitation rates reduce wasteful runoff and costly erosion
- Fewer nozzles needed to cover any area, reducing your inventory costs

## Models:

### 8'–14' (2.4 m to 4.6 m)

**R-VAN14:** 45°–270° Adjustable Arc

**R-VAN14-360:** 360° Full Circle

### 13'–18' (4.0 m to 5.5 m)

**R-VAN18:** 45°–270° Adjustable Arc

**R-VAN18-360:** 360° Full Circle

### 17'–24' (5.2 m to 7.3 m)

**R-VAN24:** 45°–270° Adjustable Arc

**R-VAN24-360:** 360° Full Circle

### Strip Nozzles

**R-VAN-LCS:** 5' x 15' (1.5 m x 4.6 m)

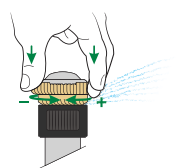
Left Corner Strip

**R-VAN-RCS:** 5' x 15' (1.5 m x 4.6 m)

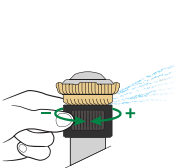
Right Corner Strip

**R-VAN-SST:** 5' x 30' (1.5 m x 9.1 m)

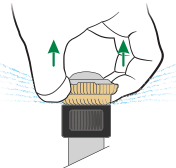
Side Strip



Arc Adjustment



Radius Adjustment



Pull up to flush

# UltraXP Poly Tubing

Strong, flexible drip irrigation tubing that lasts.



Introducing the strong and flexible drip irrigation tubing engineered to withstand the most challenging installations. Specifically designed for point-source drip irrigation systems, UltraXP combines a thicker tube wall and resins chosen to deliver long-lasting protection from the toughest job site conditions.

LEARN MORE



## Available Models:

### UltraXP - 700 Series (1/2")

**UXP700250:** No Stripe, 250 ft. (76 m) coil

**UXP700500:** No Stripe, 500 ft. (152 m) coil

**UXP700G250:** Green Stripe, 250 ft. (76 m) coil

**UXP700G500:** Green Stripe, 500 ft. (152 m) coil

### UltraXP - 710 Series (1/2")

**UXP710250:** No Stripe, 250 ft. (76 m) coil

**UXP710500:** No Stripe, 500 ft. (152 m) coil

**UXP710G250:** Green Stripe, 250 ft. (76 m) coil

**UXP710G500:** Green Stripe, 500 ft. (152 m) coil

**UXP710P250:** Purple Stripe, 250 ft. (76 m) coil

**UXP710P500:** Purple Stripe, 500 ft. (152 m) coil

### UltraXP - 940 Series (3/4")

**UXP940G500:** Green Stripe, 500 ft. (152 m) coil

**UXP940P500:** Purple Stripe, 500 ft. (152 m) coil



## ULTRA Strong

Specifically formulated resin blend bolstered by extra UV stabilizers, UltraXP features an inner wall that is 22% thicker than most poly tubing. Don't take our word for it, pinch the tube to see for yourself.

## ULTRA Easy to Install

Utilizing a unique blend of resins, UltraXP delivers both toughness with its thick wall and the flexibility you need for easy and quick installations.

## ULTRA Long-Lasting

UltraXP boasts a thick inner wall encased in an all-virgin outer layer fortified with UV protection. This construction renders it highly resistant to abrasion, foot traffic, and damaging effects of the elements. Plus, rest assured with our 7-year warranty against environmental stress cracking.

## Color Options

UltraXP brings organization beneath the surface with high-visibility color striping variations, allowing for easier differentiation of zones within the same trench.

**UltraXP is available in:**

■ No Stripe – 250' and 500' coils

■ Green Stripe – 250' and 500' coils

■ Purple Stripe – 250' and 500' coils



## XFDe Dripline

Longer lateral run lengths and higher kink resistance.

Utilizing a revolutionary new emitter technology developed by Rain Bird engineers, XFDe dripline is ideal for large zones where dripline laterals may exceed up to 600 feet or more. The new low-profile pressure-compensating emitter reduces friction loss within the tube, enabling extra-long maximum lateral run lengths. XFDe dripline laterals can be installed up to 50% longer than competitor products. XFDe dripline is even more flexible and kink resistant, allowing for an easy and quick installation even on the coldest days.

**NEW**

### Reliable

- Consistent flow over the entire lateral length
- Higher uniformity at inlet pressures up to 60 PSI

### Cost effective

- Longer dripline laterals allow for larger zones and lower material and installation costs
- Dual-layered tubing for unmatched longevity

### Easy to install

- Greater flexibility and kink-resistance
- 3" bend radius in any direction, even in the cold
- **Accepts the following fittings:**
  - RainBird XF Insert
  - Easy Fit Compression
  - 17 mm insert
  - LOC

### Available Options:

0.6 and 0.9 GPH  
12" and 18" spacing  
250' and 500' coils  
Non-potable purple and purple stripe





## XFS-CV Dripline

**Tough Copper Shield™ Technology and a heavy-duty check valve for unmatched protection.**

With a built-in check valve and a pure copper chip in every emitter to protect against root intrusion, XFS-CV is the most effective dripline in the industry, ideal for any application—on-surface, sub-surface, sloped or level-grade. Patented 4.3 PSI check valve technology keeps the dripline charged at all times, increasing uniformity, and conserving water.



### Available Options:

0.4, 0.6 and 0.9 GPH

12" and 18" spacing

100', 250' and 500' lengths

Non-potable purple and purple stripe

### Pure copper protection

- A pure copper chip protects every emitter from root intrusion
- The best choice for subsurface applications
- Dual-layered tubing provides unmatched resistance to chemicals, algae and UV damage

### Designed for durability

- Backed by 10 years of research
- Warrantied 16 years against emitter root intrusion
- Resists clogging by use of an extra wide flow path combined with a self-flushing action

### Highest holdback in the industry

- Complete with heavy-duty, patented check valve in every emitter
- Keeps the dripline charged, holding back 10' of elevation change
- Eliminates lowpoint drainage and provides uniform irrigation throughout the zone

### Extremely versatile

- Available in a variety of standard emitter flow rates, emitter spacing and coil lengths
- Most flexible dripline tubing in the industry, making it easy to design with and install
- Accepts Rain Bird® XF Dripline Barbed Insert Fittings and other 17 mm barbed insert fittings





## SQ Series Nozzle with $\frac{3}{4}$ Square Pattern

Precise and efficient, low-volume spray nozzle for irrigation around the perimeter of trees or shrubs.

SQ Series Nozzle with  $\frac{3}{4}$  Square Pattern is pressure compensated, ensuring a precise and efficient, low volume spray for surface watering the perimeter of trees and shrubs, while avoiding the trunk. With the unique edge-to-edge pattern, coverage is achieved with only two nozzles, making them a cost effective solution.



LEARN MORE



### Models:

**SQ-3QTR:** SQ Nozzle, three-quarter pattern

**SQ-QTR:** SQ Nozzle, quarter pattern

**SQ-HLF:** SQ Nozzle, half pattern

**SQ-FUL:** SQ Nozzle, full pattern

**SQ-ADP12:** SQ Nozzle Adapter with 12" PolyFlex Riser

**SQ-ADP:** SQ PolyFlex Riser Adapter only



### Unique pattern for trees

- Designed to irrigate precisely around the perimeter of trees and shrubs
- Great for corners in narrow planting beds, parking lot islands, walkways, parkways, and street medians

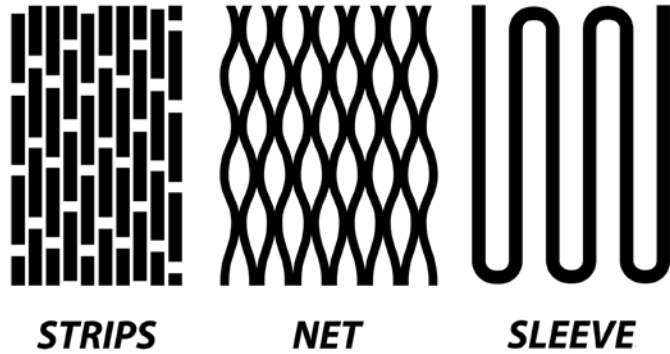
### Impressive versatility

- Application flexibility simplifies design and installation
- Can be installed on a variety of spray heads and risers
- One nozzle throws 2.5' or 4' (0.8 m or 1.2 m)

### Unbeatable savings

- Fewer nozzles needed due to unique square pattern with edge-to-edge capability
- Decreases cost and installation time
- Reduces overspray, property damage, and liability
- Meets micro irrigation system requirement with less than 26 GPH flow rate at 30 PSI





## Root Booster Series

Deliver water exactly where plants need it—their roots.

Root Booster Series products provide an efficient underground system for water distribution, supplying air and water right to the roots. Highly compatible with natural and automated irrigation, the Root Booster Series is lightweight, simple to install, and effective even in the harshest environments. With three convenient formats, Rain Bird's Root Booster products are all "set it-and-forget-it" solutions for environments where you need consistent growth.



INTERNAL STRUCTURE RETAINS  
**85% OF ITS SIZE IN WATER**

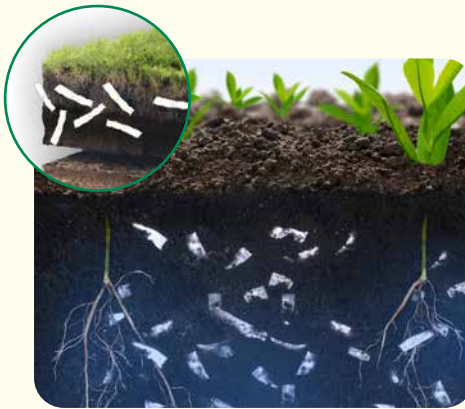


### Applications:

- ✓ Roof Gardens
- ✓ Athletic Fields and Lawns
- ✓ Beds and Containers
- ✓ Trees
- ✓ Slopes
- ✓ Heat Islands



Available in  
*Biodegradable or  
Permanent variations.*



### Root Booster STRIPS

STRIPS are specifically crafted to be mixed into the soil near the roots to enhance irrigation and substrate permeability. STRIPS resist compaction and promote aeration, providing the optimal supply of water and air for your plants.

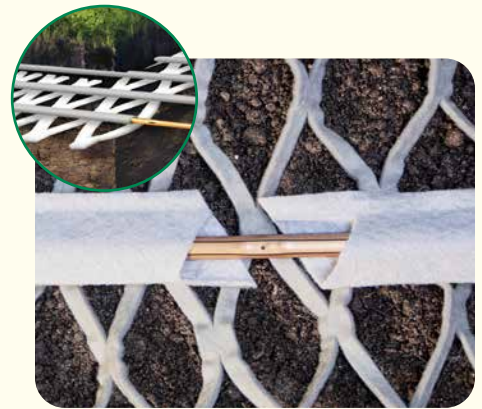
LEARN MORE



### Root Booster NET

When installed root-deep in the soil or around the root ball of a tree, NET absorbs water and conducts it to the roots. A complement to your irrigation, the open net design provides ample space for roots to establish and grow. NET delivers water and air across large areas and can be cut to fit any project.

LEARN MORE



### Root Booster SLEEVE

Root Booster SLEEVE is the subsurface dripline covering that not only nourishes your plants, but also shields your dripline from animals, shovels, soil compaction and more. Ideal for quickly draining soils and slopes, SLEEVE minimizes water-loss and holds water from the dripline directly at the roots.

LEARN MORE





# IT PAYS TO BE **PRECISE**

CONSERVE WATER • SAVE MONEY

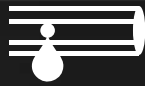
## EXPLORE RAIN BIRD'S COLLECTION OF PRECISION WATERING TOOLS



*Weather-Based  
Irrigation*



*High-Efficiency  
Nozzles*



*Micro-Irrigation*



*Advanced Flow  
Management*



*Low-Flow  
Valves*



*On-Site Weather  
Sensors*



*Pressure  
Management*



*Check Valves*



*Tree Health*



Discover how it  
pays to be precise.  
Scan or visit :

[RainBird.com/PrecisionPays](https://RainBird.com/PrecisionPays)



## ESSENTIAL TREE HEALTH TOOLS



### **SQ3QTR Square Pattern Nozzle**

Save water and money  
with this low-volume spray  
nozzle, ideal for irrigation  
around trees or shrubs.



### **Root Watering System**

Minimize runoff and  
evaporation while ensuring  
deep and broad roots with  
help from subsurface  
root irrigation.



### **XFS-CV Dripline**

Get better distribution  
uniformity and avoid  
puddling, overwatering,  
and excess runoff.



### **Root Booster NET**

Nourish trees at the  
roots and help them  
get established—while  
watering half as often.

LEARN MORE



# RAIN BIRD®

## Self-Priming Lawn Sprinkler Irrigation Pump

Keep lawns lush and gardens growing while conserving resources.

Built for continuous operation of lawn sprinkling and water feature applications, Rain Bird's self-priming centrifugal booster pumps are perfect in applications where up to 70 GPM are needed. Our pumps are 100% balanced at the factory for industry-leading quiet operation, and every pump is factory tested to ensure optimal performance of plumbing and electrical systems.



LEARN MORE



### Models:

**BPUMP1HP:** 1HP Booster Pump

**BPUMP1-5HP:** 1.5HP Booster Pump

**NEW BPUMP2HP:** 2HP Booster Pump

### Rapid install and fewer points of failure reduces callbacks and time on the job

- Quick, self-priming operation for lawn irrigation
- Standard 2" inlet reduces the need for additional pipe adapters and decreases potential points of failure
- Equipped with a 115/230 dual voltage motor for maximum flexibility

### Built tough in the USA with nearly all American-made content

- Heavy-duty cast-iron construction
- Capacitor-assisted start up and two oversized self-lubricating ball bearings for quiet, continuous operation
- Chemical and abrasion resistant fiberglass reinforced thermoplastic impeller
- Cool running motor engineered for continuous operation in ambient temperatures up to 145 °F (65 °C)

### Constructed with ease of maintenance in mind

- Four bolts remove the motor for easy maintenance without disconnecting piping
- Easy-access drain plug



## New Service Parts

### G5 Solenoid

- Fits all commercial valves and DV series valves
- Interchangeable with the G4 and DV solenoids
- Universal solenoid a great solution for reducing the number of SKUs necessary for stocking

### ESP-ME3 Zero Base Module

- Master valve, common, stations 1-4 comes pre-installed on new units
- Replacements are easier
- Reduces controller returns



# Rapid Ship CLP Pump Stations

Now with shorter lead times.

Featuring an industrial-grade pump, marine-grade aluminum enclosure, and optional mounting for a Rain Bird controller. Includes UL-listed components and a three-year warranty for top-tier pump protection. Perfect for flows up to 160 GPM.

## Model Comparison:

### 3 HP Models

**CLP03AAC4RS:** CLP, 3HP PUMP A, BST, AL, CARBON STEEL PIPE, 208-230VAC, 1P

**CLP03CAC4RS:** CLP, 3HP PUMP C, BST, AL, CARBON STEEL PIPE, 208-230VAC, 1P

### 5 HP Models

**CLP05EAC4RS:** CLP, 5HP PUMP E, BST, AL, CARBON STEEL PIPE, 208-230VAC, 1P

**CLP05FAC4RS:** CLP, 5HP PUMP F, BST, AL, CARBON STEEL PIPE, 208-230VAC, 1P

### 7.5 HP Models

**CLP07HAC4RS:** CLP, 7.5HP PUMP H, BST, AL, CARBON STEEL PIPE, 208-230VAC, 1P

**CLP07JAC4RS:** CLP, 7.5HP PUMP J, BST, AL, CARBON STEEL PIPE, 208-230VAC, 1P

### 10 HP Models

**CLP10LAC4RS:** CLP, 10HP PUMP L, BST, AL, CARBON STEEL PIPE, 208-230VAC, 1P PIPE, 208-230VAC, 1P

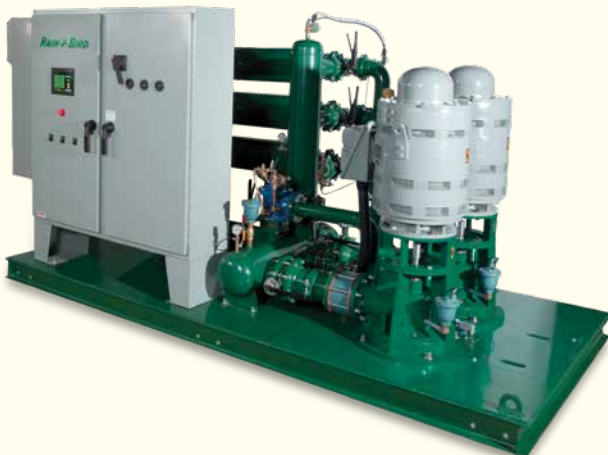


LEARN MORE



## At-a-Glance

- Ideal for pressure boost, flooded suction, or suction-lift applications
- Variable Frequency Drive (VFD)
- Pump Start Relay included (24VAC/DC)
- Marine-Grade Aluminum Deck and Enclosure
- Powder-coated steel piping
- Isolation Valves for easy maintenance
- Flanged inlet and outlet connections
- Manual Switch for full user control and override capabilities
- Mounting options for Rain Bird Controllers (purchased separately)
- Available in single phase 208V, 220V, and 230V
- Flow Start Kit
- Surge Suppression Kit



World-Class Training

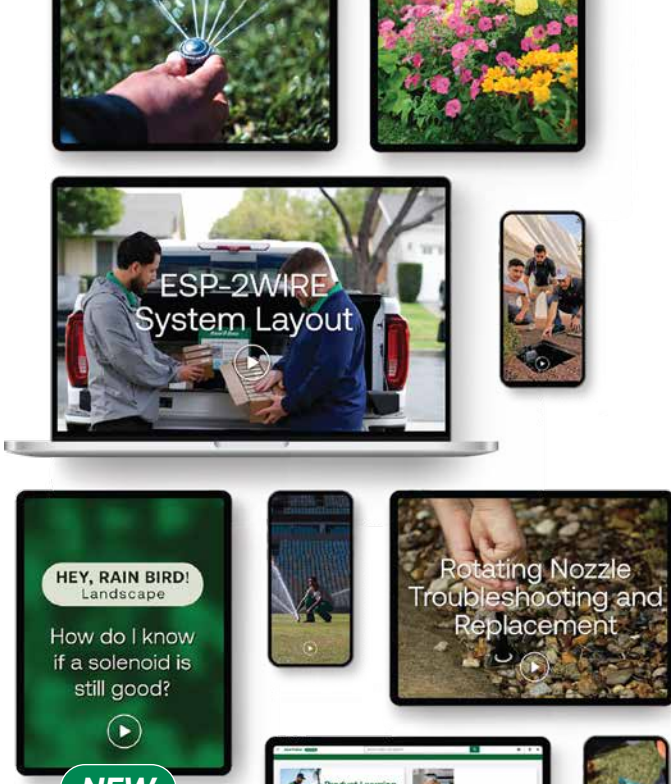
# Rain Bird Learning Center

Ready, Set, Grow!  
Learn Anytime, Anywhere.

Our comprehensive Learning Center offers industry-leading training on irrigation products and systems—all in one place. It delivers free on-demand training that will get every team member working at their best.

Give your business an edge over the competition with our world-class training that provides everything you need to *crush it* as an irrigation professional.

Enroll today to put yourself miles ahead of your competition.



**NEW**

## The New Era of Continuous Growth

With over 90 years of industry experience, Rain Bird knows irrigation—and it's time to pass that knowledge on to you.



## IN PERSON AND ONLINE

- Hey, Rain Bird!
- Product Learning
- Irrigation Learning
- Webinars
- Rain Bird Academy



## Irrigation Learning

Start learning the basics of irrigation through on-demand courses.

## Product Learning

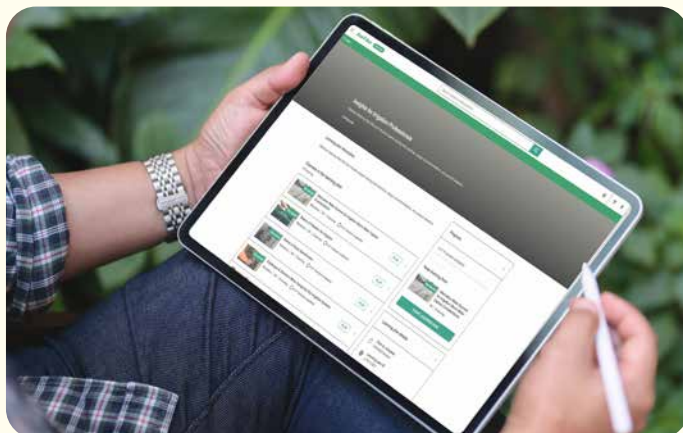
Get the most out of your Rain Bird products in these useful learning modules.

## Webinars

Advance your knowledge of irrigation with professional webinars.

## Rain Bird Academy

Become an irrigation expert through instructor-led, college-level classes offered for a reasonable fee.



Your path to growing your expertise starts here.

Access Rain Bird Learning today.

LEARN MORE





# SMARTER. FASTER. HANDIER.



Saving Water Since 1933



Saving Forests



Saving You Time

Get the Rain Bird® Resources App for Quick Access to Critical Information.

- The Knowledge You Need in Seconds
- Save and Share Commonly Used Tools
- Free with No Login Required



## Now Featuring:

- **Live Chat:** Message a Rain Bird representative with the click of a button
- **Rewards:** Easy access to your rewards account
- **Tablet Compatibility:** Improved, tablet-friendly design
- **Push Notifications:** Get notified of latest news and promos
- **Quote Tool:** Generate a wishlist and submit to your Rain Bird reseller for a quote



< Scan to download the app today.



Download on the  
App Store



GET IT ON  
Google Play

### Follow Us on Social Media

so you're always up to speed on new product innovations and important updates.



® Registered Trademark of Rain Bird Corporation

### Rain Bird Corporation

6991 E. Southpoint Road  
Tucson, AZ 85756  
Phone: (520) 741-6100  
Fax: (520) 741-6522

### Rain Bird Corporation

970 West Sierra Madre Avenue  
Azusa, CA 91702  
Phone: (626) 812-3400  
Fax: (626) 812-3411

### Rain Bird International, Inc

1000 West Sierra Madre  
Azusa, CA 91702  
Phone: (626) 963-9311  
Fax: (626) 852-7343

© 2025 Rain Bird Corporation

D42281

RainBird.com

