

RB | LDSC | DEPT

AUTOMATIC IRRIGATION



RAIN  BIRD



Preserving beauty while conserving water. That's intelligent.

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. With Rain Bird products, a lush lawn or colorful garden can be both beautiful and water efficient.



Your Irrigation Project in Practice

In the middle of this brochure, you'll find a practical document that allows you to develop your irrigation map in 3 steps:

1. Determine the characteristics of your water supply
2. Collect key information
3. Create your Garden Map





The Power of Automatic Irrigation

Automation is the key to reliable irrigation and beautiful green landscapes. Unlike irrigation systems that are manually operated, an automatic irrigation system provides precision control and maximum consistency without the hassle.

Don't waste time, money, or water with manual watering. Protect your plants and lower your water bill with efficient, automated irrigation—even when you're out of town.

Ask your contractor how you can Save 25% More Water with an automated Rain Bird® irrigation system today. For over 90 years, Rain Bird has been providing customers with guaranteed quality and the largest selection of irrigation products on the market.

Benefits of Automatic Irrigation

💧 Conserve Water

- Program irrigation to run at night when evaporation is low
- Irrigate more effectively using less water overall

💧 Save Time & Money

- Reduce labor expenses by eliminating manual watering
- Protect your investment in healthy plants and trees

💧 Optimize Landscape Health

- Deliver the precise amount of water for your plants' needs
- Prevent under- or over-watering your landscape

💧 Gain Peace of Mind

- Reduce safety issues created by excess runoff
- Enjoy your spare time without worrying about irrigation

Water-Saving Features

Seasonal Adjust

Allows for easy irrigation program adjustments to match seasonal needs.

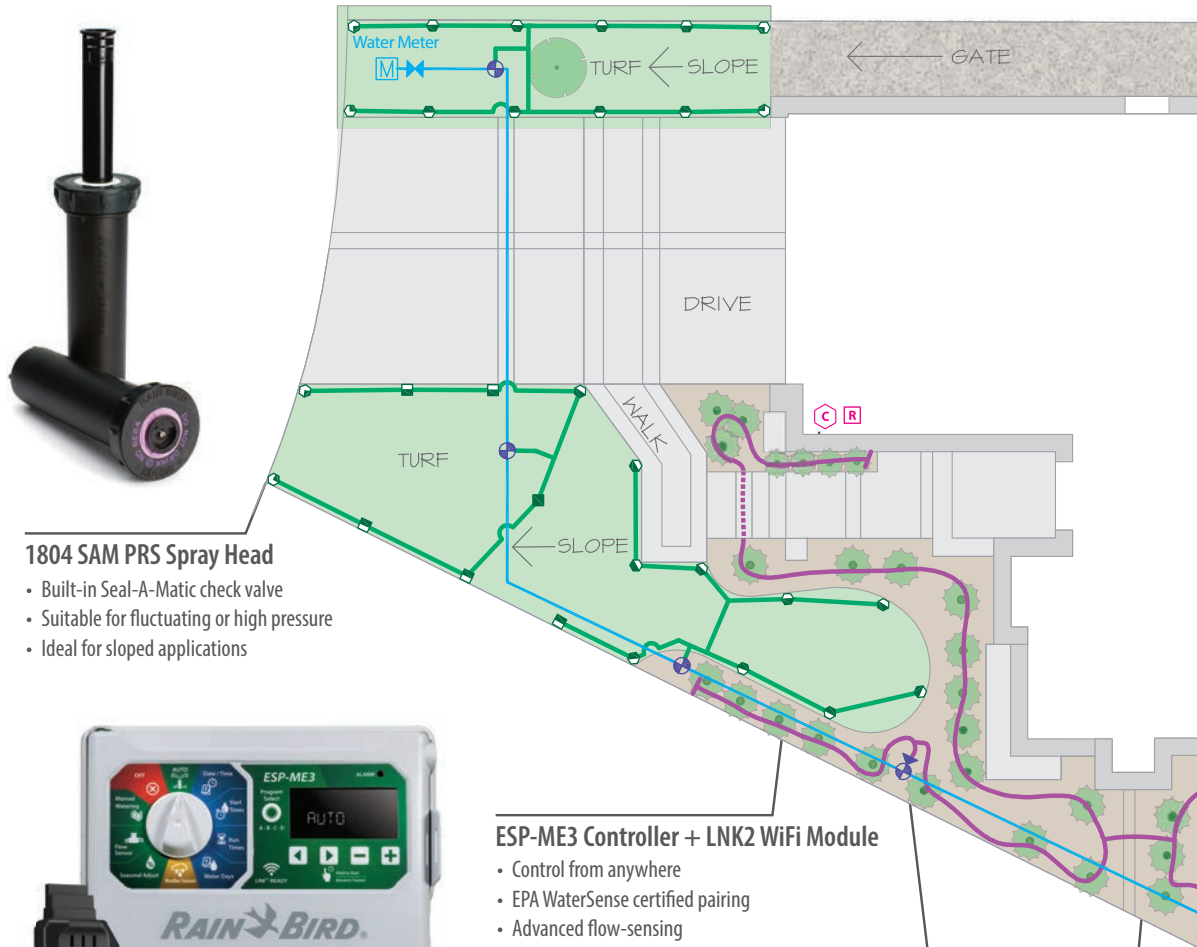
Delay Watering

Allows the user to suspend watering in the event of rain. Watering will resume after the set delay has elapsed. This can be done automatically with a Rain Sensor, on the controller itself or remotely via an app.

Extra Simple Programming

Straightforward programming shows the run-time, start times and watering days for each zone.

Your Garden



1804 SAM PRS Spray Head

- Built-in Seal-A-Matic check valve
- Suitable for fluctuating or high pressure
- Ideal for sloped applications



ESP-ME3 Controller + LNK2 WiFi Module

- Control from anywhere
- EPA WaterSense certified pairing
- Advanced flow-sensing

FG100 Flow Sensor

- Precise & accurate flow monitoring
- Highest value in flow sensing
- Protects against leaks and blockages
- Allows flexibility in installation location



WR2-48 Rain Sensor

- Automatic system shut off
- Flexible rainfall settings
- Quick & easy dial adjustment



XFS-CV Dripline

- Copper Shield™ technology prevents root intrusion
- Protects the landscape from water damage
- Water is saved efficiently in the line for the next cycle
- Heavy-duty check valve
- 3.048 m of hold back



3504 Rotor

- Rain Curtain™ nozzle technology
- Perfectly balanced coverage
- Unbeatable value & convenience



**5004 Rotor+
MPR Series Nozzles**

- Industry's best performing rotor
- Unrivaled Rain Curtain™ nozzles
- Consistent, even coverage
- MPR Nozzles available to match R-VAN precipitation rates



DVF Series Valve

- Industry leader for 20+ years
- IVM-SOL compatible
- Reliable and consistent



R-VAN Nozzles

- Uniform coverage
- Matched precipitation rates
- Tool-free adjustment & flushing

Pop-up Spray Heads for small areas



UNI-SPRAY SERIES

Most economical.

1800 SERIES

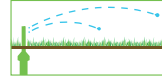
The industry standard.

RD1800 SERIES

Premium for harsh conditions.

Pop-up spray heads are installed flush with the ground surface. Water pressure causes the nozzle to pop up and then pop down after watering is completed. Recommended for small turf and landscape areas, flower beds and shrubs.

Rotary Nozzles for Spray Heads



up to 7.3 m

Designed to fit Rain Bird spray heads, these nozzles with multiple streams have approximately 60% lower flow than conventional spray nozzles. This feature allows more heads per zone, reducing overall system cost.

R-VAN ROTARY NOZZLES



Water-Saving Tips

Rotary Nozzles have efficient water distribution through rotating streams that uniformly deliver water at a low precipitation rate, significantly reducing run-off and erosion.

Spray heads can be equipped with SAM™ (Seal-a-Matic) check valves to prevent drainage at lower elevations, stopping water waste and eliminating landscape damage due to flooding and/or erosion.

Spray Head Variable Arc Nozzles (VAN)



up to 5.5 m

These nozzles are ideal for watering irregularly shaped turf and shrub areas because it is easy to increase or decrease arc settings. For a better distribution uniformity, select HE-VAN nozzles.

U-SERIES NOZZLES



High-efficiency nozzles that use less water.

Additional orifice for close-in watering minimizes brown spots.

Five-year trade warranty.

HE-VAN NOZZLES



HE-VAN 8 (green): 0.83 to 4.5 l/m

HE-VAN 10 (blue): 1.17 to 6.83 l/m

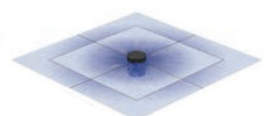
HE-VAN 12 (brown): 1.6 to 9 l/m

HE-VAN 15 (black): 2.5 to 14 l/m

SQ SQUARE PATTERN NOZZLES



Low-volume for irrigation in small areas.



Rotary Nozzle

Pop-up Rotors for small and medium sized areas

Water pressure causes the nozzle to pop up and then pop down after watering is completed. Rotors have adjustable arc from 40 to 360°. Recommended for small to medium-sized turf and landscape areas.



3504
 1/2" inlet rotor, ideal for short to mid range.



4.6 - 10.7 m



0.12 - 1.04 m³/h



5004/5004 PLUS

- The world's best quality rotor, available with several options.
- 3/4" inlet



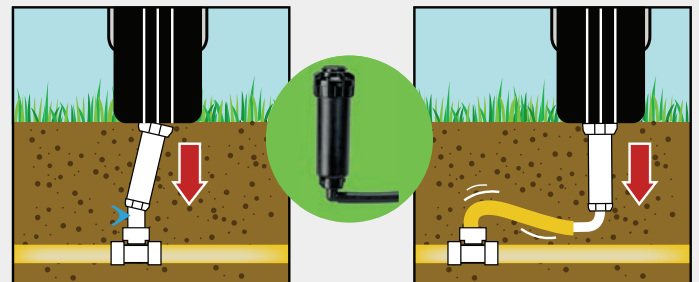
7.6 - 15.2 m



0.17 - 2.19 m³/h

Accessories: *Swing joint and fittings*

A flexible swing joint assembly is ideal for rotor or spray head installations which may be exposed to car traffic or turf maintenance equipment. The assembly absorbs impact exerted on the underground rotor or spray head.



Installation on riser

Installation with SPX Flex and Fittings

Water-Saving Tips

Rain Curtain™ Technology ensures superior water distribution for greener grass.

All rotors with SAM™ (Seal-a-Matic) check valves prevent drainage from heads at lower elevations, stopping water waste and eliminating landscape damage due to flooding and/or erosion.



Valves

Operated by a controller, electric valves open and allow the water supply to reach sprinklers or dripline.

LOW-FLOW VALVE



DV DRIP - Lfv

Specifically designed for drip irrigation systems.

 0.045 - 1.8 m³/h

bar 1.0 - 10.3 bar

VALVES

DV/DVF and HV/HVF electric valves are ideal for residential installations. Available with 24V solenoid (for 230V controller) or with 9V solenoid (for battery powered controller).



DV/DVF VALVE

The industry leader.

 0.045 - 9.08 m³/h

bar 1.0 - 10.4 bar



HV/HVF VALVE

Rain Bird quality at the best price.

Valve Boxes

Protect installed irrigation valves and battery-operated controllers while allowing easy access for maintenance and adjustment.



Controllers

Rest easy with the power of Rain Bird's intelligent controllers on your side. Save time, water, and money with automated irrigation tailored to the needs of your landscape.

230 V CONTROLLERS

The controller tells the valves to open or close, turning the sprinklers on or off.

Control your irrigation system remotely from anywhere in the world!

ESP-TM2 & LNK2

Available in 4, 6, 8 & 12 stations. Outdoor and indoor



ESP-ME3 & LNK2

Number of zones expandable from 4 to 22 stations.

RC2

Available in 8 stations outdoor. 4, 6, & 8 stations indoor. LNK2 WiFi is built in



ESP-9V

Available in 1, 2 & 6 stations.



BATTERY-POWERED CONTROLLERS

These battery-powered controllers are the ideal solution on sites where no AC power supply is available. They are 100% waterproof and fully submersible.

- Can be installed in a valve box.
- Create common program schedules in three easy steps.
- The LCD screen shows all of the programming for each zone at the same time.
- Rain sensor compatible.

RAIN SHUTOFF DEVICES

Electronic rain shutoff devices are indispensable in all automatic irrigation systems for residential use. They monitor rainfall or freeze levels and automatically override the controller to prevent unnecessary irrigation.



RSD-BEX WIRED RAIN SENSOR

WR2 WIRELESS RAIN FREEZE SENSOR



SMRT-Y SOIL MOISTURE SENSOR



WATER TIMERS

Very easy to program, this water timer is screwed onto an outdoor tap to automate low-volume irrigation.



ESP-HT2

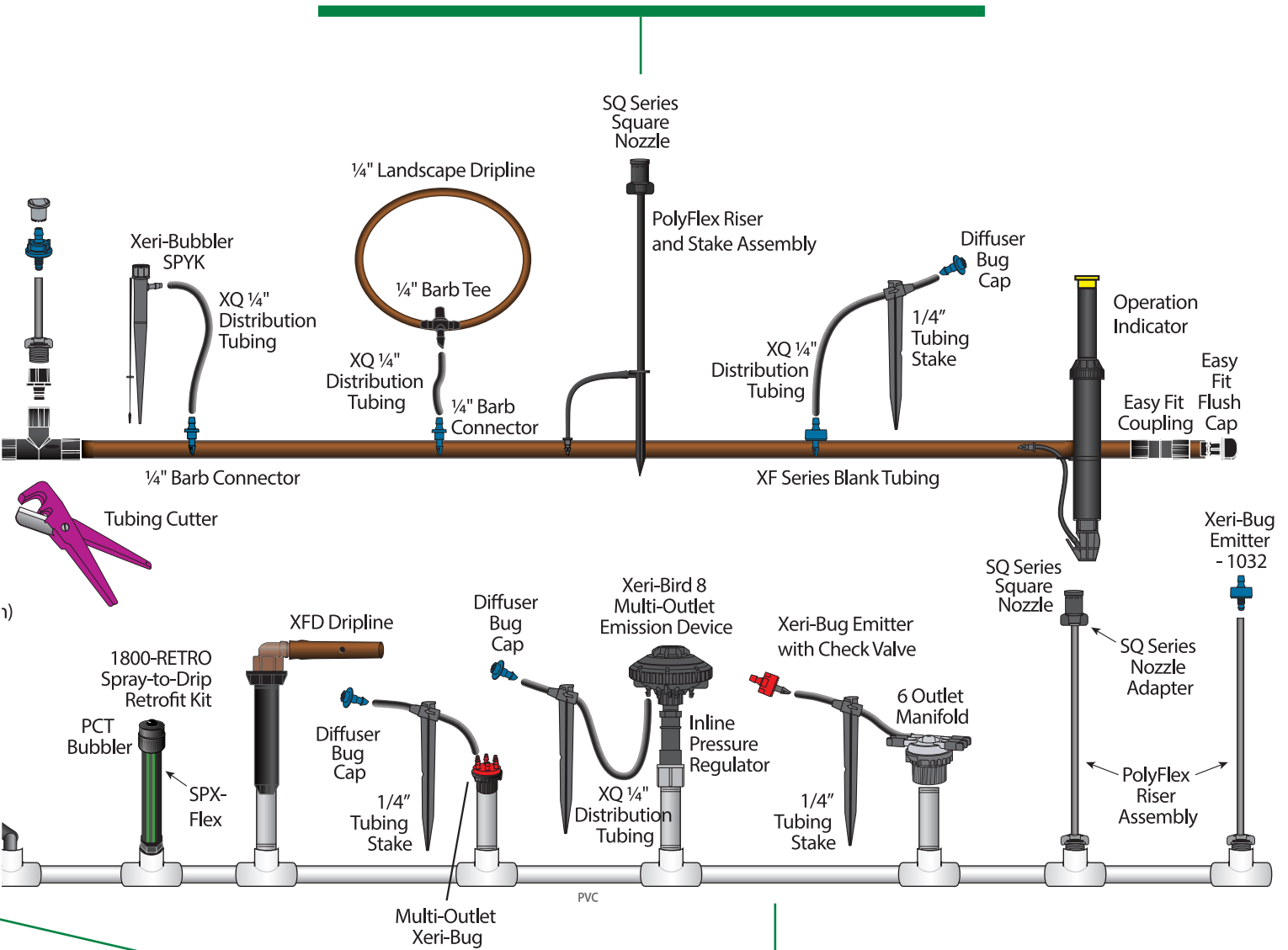
Ideal for balconies or small gardens.





SQ SERIES SQUARE PATTERN NOZZLE

Applies water slowly, evenly, and precisely to strengthen root architecture



ROOT WATERING SYSTEM (RWS)

Ensures deep and broad roots for better transplantation, stability, and growth



XERI-BUG™ WITH CHECK VALVE (XBCV)

Holds back 10 feet (3m) of water—the highest in the industry



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PROFESSIONAL IRRIGATION SOLUTIONS AND SUPPORT

From the industry's most reliable irrigation products to robust rewards and insightful training courses, Rain Bird helps contractors of all skill levels keep their operations running smoothly.

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for Support



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