

# Sprinkler System Repair and Maintenance

## Spray Repair

Sprinkler systems are an easy and efficient way to keep a lawn looking green and healthy. They take the guesswork out of manually watering grass, plants, and flowers and can save you money on your water bill. With sophisticated sensors and timers, modern irrigation systems can work with natural rainfall to ensure greenery receives the ideal amount of water.

Any irrigation system, no matter where or how it is installed, will require some level of maintenance. To prevent a system from falling into disrepair, owners are advised to perform monthly check-ups. That means examining all the sprinkler heads or rotors and looking for clogs, kinks, or weak spray streams.

You should always hire a licensed technician to handle repairs to the irrigation system. The number and variety of sprinkler heads, nozzles, sensors, and valves is high, but technicians are specifically trained to account for the complexities of each system.

## Common signs of a faulty system

While repairs often require professional help, owners can monitor their sprinkler systems for problems or signs of malfunction. Here are some of the most common issues owners notice.

- **Patchy Lawn** - A lawn with inconsistent growth or color can be due to a number of problems, including poor soil, bad fertilizer, or insufficient grass seed. Excluding that, you're probably looking at overlapping or uneven sprinkler zones.
- **Unresponsive Controller** - Sometimes a malfunctioning sprinkler system can be traced to the controller. A technician will check to make sure the terminals are attached, the fuse is not blown, and the wiring is not damaged.
- **System Leaks** - In case an external component is leaking due to wear and tear, you will need to replace it. Underground leaks are tougher to detect, but a clear sign of them is an expensive water bill.
- **Pressure Imbalances** – Usually, water pressure inconsistencies are caused by a galvanized underground pipe or a faulty pressure regulator. Both will reduce the range of the irrigation nozzles.

## Our Repair Process

Before the problem can be diagnosed and repaired, one of our licensed technicians must visit the property to assess the irrigation system. This involves a more thorough inspection involving the pump controller, valve boxes, pipelines, and sprinkler heads.

Once the problem is discovered we will provide you with a cost estimate for fixing it. The estimate will include the cost of labor as well as the parts and equipment needed to make the repairs; it may also include add-ons or extra features elected during the assessment.

Repairs to the irrigation system should only take a day, but it depends on the scope and nature of the job. Once complete, a total will be invoiced to you matching the initial cost estimate.

Like most irrigation companies, we also offer preventive maintenance plans to protect your investment from future malfunctions. If needed, our technicians are available to periodically service your unit with tune-ups, winterizations, reactivations, and backflow testing.

### **DIY Maintenance Tips**

Preserving an automatic sprinkler system in optimal condition guarantees years of efficient landscape irrigation. This can save you from excessive water bills or expensive equipment disrepairs associated with a lack of maintenance. If you are a DIY property owner, then implement the following upkeep tasks to prolong the utility of your irrigation unit:

- Adjust the pressure and watering patterns to avoid irrigation runoff, which is prohibited in most States.
- Regularly wash the nozzles and screen filters to unclog sputtering sprinkler heads.
- Extract all debris found within the distribution lines and threaded risers by flushing the unit.
- Perform routine inspection and search for leaking external parts or broken underground pipes.
- Before the winter season, drain the water that is inside the equipment with an air compressor.
- Schedule annual system audits, spring reactivations, and fall sprinkler tune-ups.
- Ask a licensed technician to evaluate the backflow preventer connected to the potable water supply.

### **Irrigation System Upgrade**

There's a lot that can be done to improve the performance and efficiency of your sprinkler system. We offer a full suite of sprinkler features, controllers, and sensors that promise to make lawn care a carefree experience. Here are some of the upgrades we offer:

- High Efficiency Nozzles - Many modern spray nozzles can minimize runoff, erosion, and water waste. With reduced flow rates and fixed streams, these nozzles can cut through wind without misting.

- Smart Wi-Fi Controllers - Mobile technology allows you to control or monitor your sprinkler systems from a phone or tablet. Adjust the sprinkler timer, set automatic weather adjustments, and control each irrigation zone with a simple app.
- Weather Sensors - Sophisticated sensors can be added to most sprinkler systems. This allows the system to monitor rainfall, soil moisture, wind activity, and temperatures, and to make adjustments to the watering schedule that fit weather conditions.