

Gardena S80

Gardena S80 Pop Up Sprinkler User Manual

Model: S80

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Gardena S80 Pop Up Sprinkler. Please read these instructions carefully before use to ensure proper function and longevity of the product. Keep this manual for future reference.

PRODUCT OVERVIEW

The Gardena S80 Pop Up Sprinkler is designed for efficient and discreet irrigation of small lawn surfaces. Its key features include:

- Adjustable irrigation sector from 5 to 360 degrees.
- Range adjustment between 2.5 to 5 meters.
- Integrated dirt filter for reliable operation.
- Suitable for areas up to 80 m².
- Standard 1/2" thread connection.



Image 1: The Gardena S80 Pop Up Sprinkler actively watering a lawn.

SETUP AND INSTALLATION

1. **Planning:** Determine the optimal placement for your sprinkler to ensure even coverage of the desired area. Consider water pressure and range.
2. **Trenching:** Dig a trench deep enough to accommodate the sprinkler body and connecting pipes, ensuring the top of the sprinkler head will be flush with the ground when retracted.
3. **Connection:** Connect the sprinkler to your irrigation system's water supply line using a 1/2" threaded connection. Ensure all connections are watertight.
4. **Placement:** Position the sprinkler in the trench so that its top surface is level with the ground. This allows for discreet operation and prevents tripping hazards.
5. **Backfill:** Carefully backfill the trench, compacting the soil around the sprinkler to secure it in place.



Image 2: The Gardena S80 Pop Up Sprinkler unit.

OPERATING INSTRUCTIONS

The Gardena S80 allows for precise adjustment of both the irrigation sector and the spray range.

Adjusting the Irrigation Sector (5° to 360°)

1. With the water supply turned off, gently pull up the sprinkler head to its extended position.
2. Locate the adjustment ring on the top of the sprinkler head.
3. Rotate the adjustment ring to set the desired irrigation sector. The markings on the sprinkler head indicate the angle. You can set it from a narrow 5-degree arc to a full 360-degree circle.
4. Once set, release the sprinkler head.

Adjusting the Spray Range (2.5m to 5m)

1. The spray range is adjusted by turning the screw located on the top of the sprinkler head, typically marked with a plus (+) and minus (-) symbol.
2. Use a flathead screwdriver to turn the screw. Turning towards '+' increases the range, and turning towards '-' decreases it.
3. It is recommended to adjust the range while the water is running to observe the spray pattern and achieve the desired coverage.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your Gardena S80

Pop Up Sprinkler.

Cleaning the Dirt Filter

1. **Turn off water supply:** Before performing any maintenance, ensure the water supply to the sprinkler system is completely shut off.
2. **Remove sprinkler head:** Carefully unscrew the top cap of the sprinkler head.
3. **Access filter:** The dirt filter is located inside the sprinkler body. Gently pull it out.
4. **Clean filter:** Rinse the filter under running water to remove any accumulated dirt, debris, or sediment. A soft brush can be used for stubborn particles.
5. **Reassemble:** Insert the clean filter back into the sprinkler body, ensuring it is seated correctly. Screw the top cap back on securely.

Note: Perform this cleaning procedure periodically, especially if you notice reduced spray performance or uneven watering.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Sprinkler not popping up or retracting fully.	Low water pressure, dirt/debris obstructing mechanism, or damaged spring.	Check water pressure. Clean the dirt filter and internal mechanism. If damaged, replace the sprinkler head.
Uneven spray pattern or reduced range.	Clogged nozzle, dirt filter, or incorrect range adjustment.	Clean the nozzle and dirt filter. Adjust the spray range screw as described in "Operating Instructions".
Water leaking from the base of the sprinkler.	Loose connection, damaged seal, or cracked casing.	Tighten connections. Inspect and replace seals if necessary. If casing is cracked, the unit may need replacement.

SPECIFICATIONS

Model: S80

Brand: Gardena

Irrigation Area: Up to 80 m²

Range: 2.5 - 5 meters

Irrigation Sector: 5 - 360 degrees

Thread Size: 1/2"

Material: Plastic

Manufacturer Part Number: 01569-27

WARRANTY AND SUPPORT

For warranty information, technical support, or spare parts, please contact Gardena customer service. Refer to the official Gardena website or your purchase documentation for specific warranty terms and contact details.

Gardena Official Website: www.gardena.com