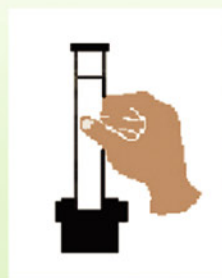




Spray Heads

HOW TO CHANGE THE NOZZLE

1. Remove old nozzle.
2. Remove the filter screen below the nozzle.
3. Insert new filter screen.
4. Thread new nozzle on and turn clockwise until tight.



HOW TO ADJUST THE WATERING DIRECTION

Once the spray head is installed in your system, the stem can be rotated by hand to aim the spray pattern in the desired watering direction.

HOW TO ADJUST THE SPRAY DISTANCE

1. Turn the center screw with a small flat screwdriver.
2. Turn the screw clockwise to reduce spray distance up to 25%.



HOW TO ADJUST THE PATTERN

(available only in adjustable models)
Adjust from 0° to 360°. Twist the threaded collar to the right or to the left to achieve the desired watering pattern.

Troubleshooting Guide

Problem	Solution
1. Spray head throws shorter distance than expected.	- Clean filter or nozzle - Reduce number of heads in the zone. - Replace the nozzle with a larger radius nozzle.
2. Spray head is not popping up all the way.	- Clean stem / cap or replace.
3. Spray does not water in the desired pattern.	- Make sure the desired pattern is being used and change nozzle if needed. - Unscrew nozzle, and flush to remove debris.
4. Head pops up but only dribbles.	- Unscrew nozzle, clean screen and nozzle.
5. Water seeps slowly from some sprinklers, after valve shuts off.	- Install a check valve. - Inspect diaphragm or piston for debris on the valve.