

Getting started with lawn irrigation

Step 1: Determine your flow rate

You'll need to determine your total flow rate, to ensure your irrigation system is suited to your flow consumption.

This can be calculated using the flow rate bucket test.

Check out popeirrigation.com.au for more info on how to conduct a flow test.



Step 2: Water automation

Automating your watering ensures your garden gets the right amount of water it needs without over watering.

Choose between a tap timer or a fully automated system with a solenoid.

Solenoids act like gates that control the flow of water into your system.

A tap timer is a simpler alternative that connects to your garden tap. They don't require any additional valves or wiring so are often considered an easy way to get into automated watering.



Solenoid



Tap Timer

Step 3: Selecting the right pop up

Square shaped lawns

For square shaped lawns the 'Pope Master' is a reliable, basic fixed arc sprinkler.

The arc settings are available in 90°, 180°, 270° or a full 360°.



Irregular shaped lawns

For irregular shaped lawns, the 'Pope Precision' range offers an extra level of flexibility. Benefits include a variable arc nozzle and 2 pop-up heights.



For proper coverage, space your sprinklers so that the watering patterns overlap. Sprinklers must always be spaced at distances equivalent to their radius of throw. For example, if your sprinkler has a radius of 2m you should place your sprinklers 2m apart, so that the edge of the "throw" touches the head of the next sprinkler.



Step 4: Poly fittings

To complete setup you will need a variety of poly fittings for each stage of the irrigation system. These can include:

System connection

Tap nuts & directors



Source to system fittings

Loc-Sure clamps & poly pipe



System protection

Pressure reducer, filters & inline taps



Layout fittings

Variety of threaded fittings, such as tees and elbows

