

WaterForce custom-designs irrigation systems to suit your landscape and environmental conditions

Our team of home irrigation experts understand the intricacies involved in designing an irrigation system and specialise in custom solutions for gardens of all shapes and sizes, from basic to state-of-the-art systems.

Equipment you'll need

Will normally include:



Spade



String Line



Wire Cutters



Secateurs



Multi Grip Pliers



Polyethylene Pipe Punch



Tap Measure

Installation Tips

- **Pre-assemble** fittings where possible before you start.
- **Use** elbow and T-connectors to change direction and avoid kinks in your water pipe.
- **Check** where phone, gas and power lines are before you start digging. Use a string-line to mark out the position of your trenches.
- **Heat** your polyethylene pipe by dipping the ends in hot water or lay it in the sun. This will make it more pliable and easier to attach fittings.
- **Flush** water through the polyethylene pipes to remove debris before you attach drippers, sprayers or sprinklers.
- **Secure** your risers with a stake to keep them upright and help fasten the main hose pipe to the ground.
- **Replace** sods of lawn over your trenched pipe. The grass will quickly grow back.

Plan your home irrigation

STEP 1



SKETCH YOUR GARDEN

Use the grid provided on the back of this page to draw your garden to scale. One grid space could equal 1m or 2m – you decide. Make sure you include driveways, paths, paving stones, decks, pergolas, greenhouses, sheds and garages, as well as your actual garden beds, grass, trees, and water sources.

STEP 2



MEASURE YOUR WATER

To find out what capacity your new irrigation system can potentially handle, you must first calculate your water flow rate.

Grab your average 9L bucket and time how long it takes to fill with water. Use your main garden water source (not the kitchen sink) and turn the tap on full before you start the timer.

Then use the following formula below, to calculate your litres per minute (LPM).

| Time to fill: | Litres per minute: |
|---------------|---|
| TIME | $9 \times 60 \div \text{TIME} = \text{LPM}$ |

Eg. Time to fill 9L bucket: 10 seconds. LPM: $9 \times 60 \div 10 = 54 \text{ LPM}$.

STEP 3



VISIT YOUR LOCAL WATERFORCE

Bring your garden sketch, water pressure information and list of preferred irrigation systems to your nearest WaterForce store.



TECHNOLOGY



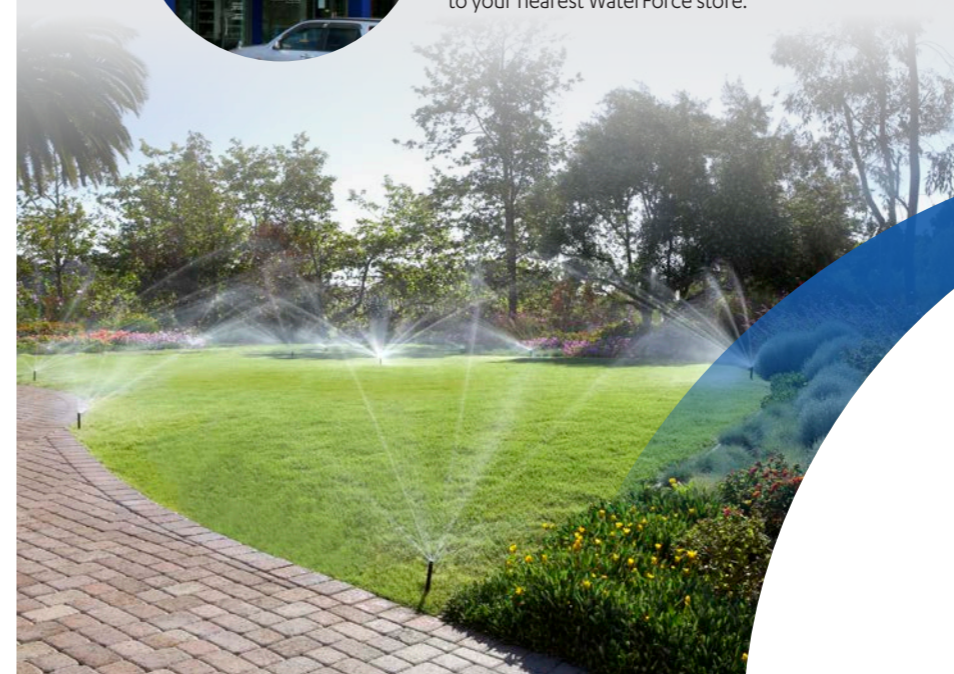
HOME SPRINKLERS



WATER FILTRATION

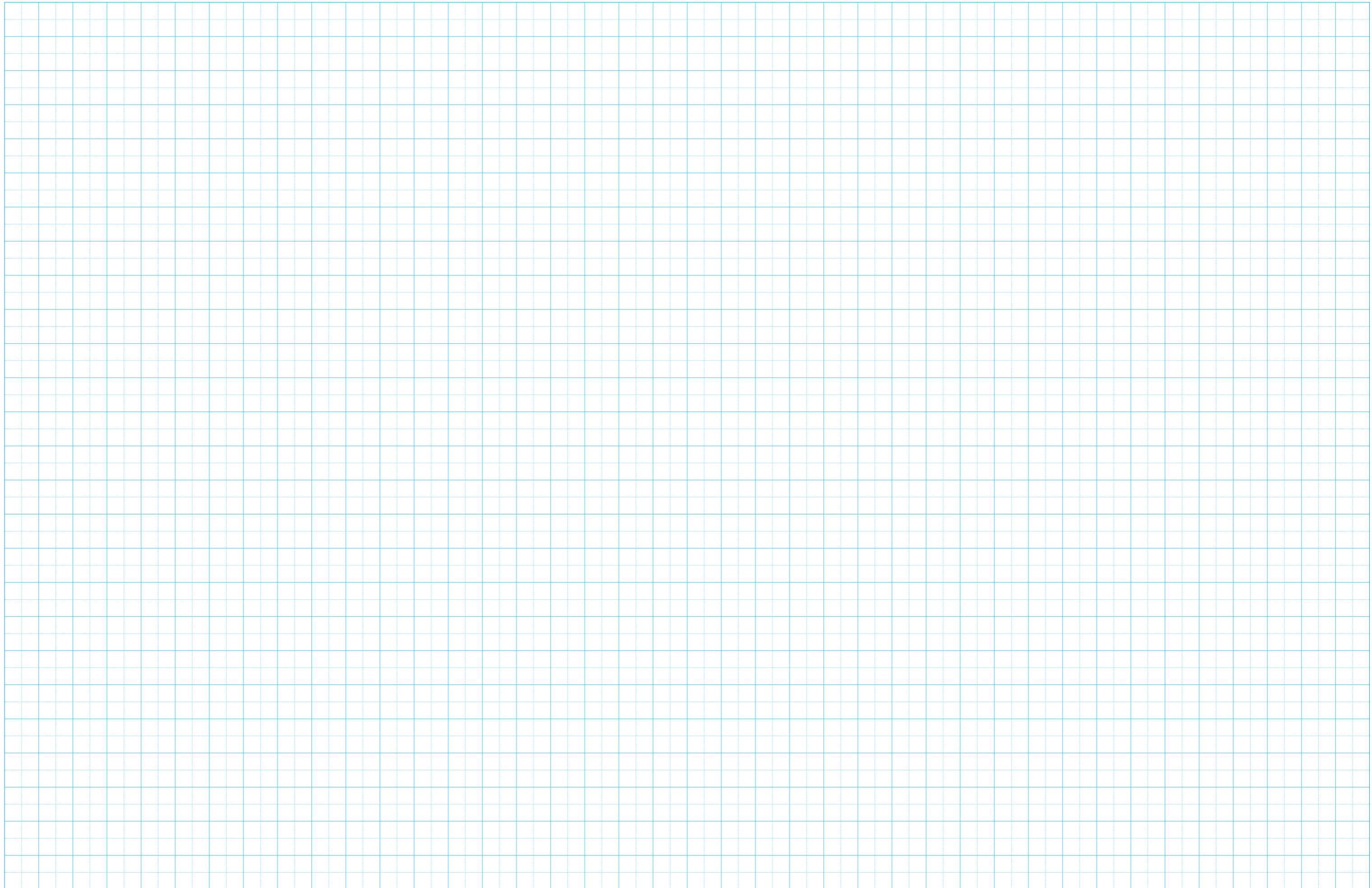


MAINTENANCE



WaterForce
wise with water

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LEGEND

© Controller

Valve - Manual

Spray - Micro

W Water Source

● Rotor

⦿ Dripper Pipe

Valve - Auto

Spray - Pop