



# POPE

# DIY GUIDE



## INSTALLATION OF SPRAYS



## Select a spray type to suit your garden

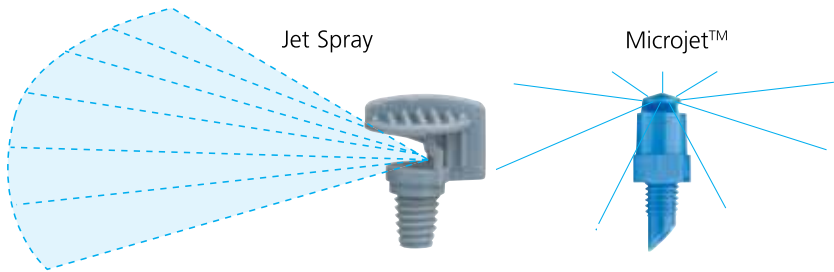
### JETS OR SPRAYS?

Spray type emitters are ideal where full water coverage of an area is required, or for localised watering of trees, shrubs and ground cover.

They can be connected straight into poly pipe or mounted on a rigid riser.

1/4, 1/2 and full circle spray patterns are available.

The key difference between types of sprays, is that some will emit a fan of water (such as the jet spray), where as others will emit thin streams of water (such as the Microjet™).



### FIXED SPRAY

- Suits watering where plants are the same or require the same amounts of water.
- Can be 1/4, 1/2 or full circle sprays.
- Mist and strip sprays also available.
- Spinners are full circle only.



### ADJUSTABLE SPRAY

- These adjust the amount of water emitted from the spray.
- Suits watering where plants require different amounts of water.
- 1/4, 1/2 or full circle.



## Select a spray type to suit your garden

### FIXED SPRINKLER HEADS AND RISERS

Combined Sprinkler Heads and Risers are designed to make it easy. Available in a range of heights and spray patterns, there is a riser combination to suit your watering needs.

Mini Sprinkler



Eze Jet



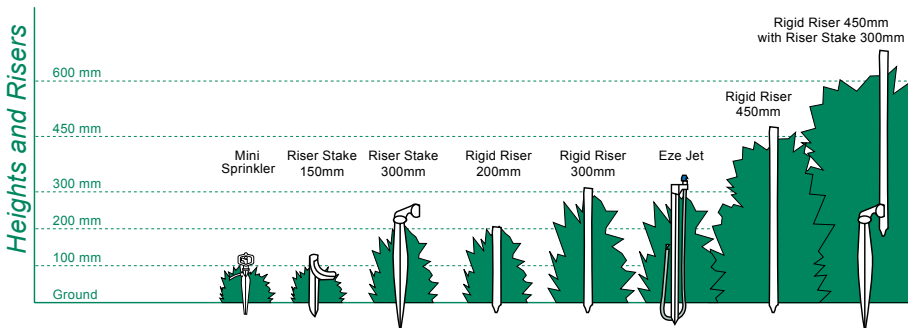
### RISERS

Rigid Risers connect into 13mm poly pipe and are used to elevate jets and sprays.

Riser Stakes hold 4mm poly pipe to raise jets and sprays to the required height.

Rigid Risers and Stakes can be combined to provide extra 'holding' power.

They are used to add height and cover foliage as required.


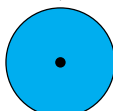





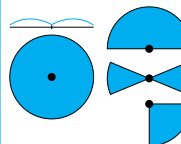

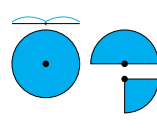

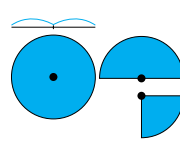
# Selecting the right spray

## Select a spray type to suit your garden

Sprays, mini sprinklers and mini spinners offer different spray patterns and diameters of throw. That is they apply water over different areas.

It is important to select a spray type with a diameter of throw that suits your garden's needs. Where you have plants that require different amounts of water, select a variable flow spray or use an in-line tap to adjust the flow.

| Mini Sprinkler   | Mini Spinner  |
|--|---|
|  <div style="text-align: center;">  <p>6m approx.</p> </div> |  <div style="text-align: center;">  <p>3m approx.</p> </div> <p style="text-align: right;">Use with 4 mm INLINE TAP</p> |

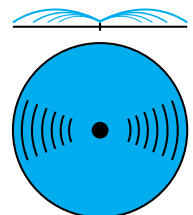
| Microjet   | Jet Spray  | Veri-Flow®  |
|--|--|---|
|  <div style="text-align: center;">  <p>3m approx.</p> </div> <p style="text-align: center;">Use with 4 mm INLINE TAP</p> |  <div style="text-align: center;">  <p>2m approx.</p> </div> <p style="text-align: center;">Use with 4 mm INLINE TAP</p> |  <div style="text-align: center;">  <p>3m approx.</p> </div> |

**Note:**

Diameter of throw can be adjusted by using a 4mm Inline Tap to vary the flow of water.



Inline Tap









adjustable throw

# How long should I water?

## Watering using sprays, mini spinners and mini sprinklers

Use this table as a guide for watering your garden.

|                          | Spray Jet   | Microjets™  | Veri-flow®<br>SprayJet  | Eze-Jet   | Mini Spinner  | Mini Sprinkler  |
|--------------------------|---|---|---|---|---|---|
|                          |  |  |  |  |  |  |
| spray pattern            | 1/4, 1/2 & Full circle  | 1/4, 1/2 & Full circle  | 1/4, 1/2 & Full circle  | 1/4, 1/2 & Full circle  | Full circle   | Full circle   |
| radius of throw          | 1.0m  | 1.5m  | 1.5 - 2m  | 1.5m  | 1.5m  | 3.0m  |
| flow rate                | 60 - 110 lph  | 40 lph  | 0 - 115 lph   | 40 lph  | 115 lph   | 35 lph  |
| droplet size             | medium  | medium  | medium  | medium  | large   | large   |
| seedlings                | 2 - 5 minutes   | 5 - 10 minutes  | 1 - 10 minutes  | 5 minutes   | 2 - 5 minutes   | 5 - 10 minutes  |
| small established shrubs | 5 minutes   | 10 minutes  | 5 - 10 minutes  | 10 minutes  | 5 minutes   | 10 minutes  |
| larger shrubs            | 10 minutes  | 15 minutes  | 10 - 15 minutes   | 15 minutes  | 10 minutes  | 15 minutes  |
| flower beds              | 5 minutes   | 10 minutes  | 5 - 10 minutes  | 10 minutes  | 5 minutes   | 10 minutes  |
| vegetables               | 5 minutes   | 10 minutes  | 5 - 10 minutes  | 10 minutes  | 5 minutes   | 10 minutes  |
| trees                    | 10 - 15 minutes   | 15 - 20 minutes   | 10 - 20 minutes   | 15 - 20 minutes   | 10 minutes  | 15 - 20 minutes   |

**Note:** Watering times highlighted above are based on operating pressure of 150kPa. Flow rates are stated in Litres per hour. Use as a guide only.

*Watering times will vary based on your soil type and weather conditions.*

Water sandy soil more frequently and water clay soil less frequently.



SAND

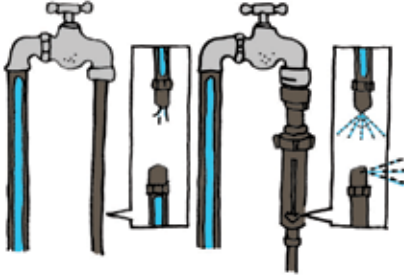


LOAM



CLAY

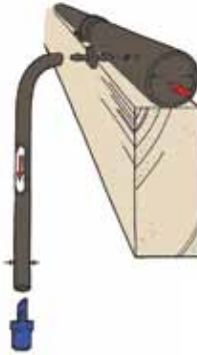
## Handy hints



Always use a filter with your fixed watering system to prevent particles from blocking sprays. We recommend cleaning your filter regularly



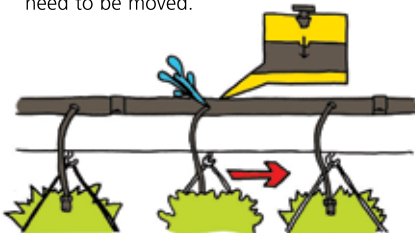
Use a Punch Spanner to pierce 13mm poly pipe.



For hanging baskets, use 4mm poly and a 4mm adaptor to apply water direct to basket.



Use a 4mm sealing plug if fittings need to be moved.



Screw jets, sprays and spinners into rigid riser or riser stake to cover foliage

## Watersmart checklist: Save water in your garden

**1**

### Check the light

How many hours of direct sun does each area of your yard get? This will influence how often you need to water.



- 1 to 4 hours of sun or 3 to 6 hours of dappled sunlight means you have a **shade garden**.



- 4 to 6 hours of sun or 6 to 8 hours of dappled sunlight means you have **partial shade**.



- More than 6 hours of sun a day means you have a **sun garden**.

**2**

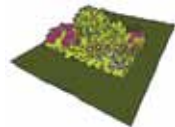
### Check your compost levels

No matter what type of soil you have, adding organic matter allows for the **ideal flow of water through the soil**. You can easily make your own at home. By using compost or mulch in your garden you can stop water loss through evaporation and also prevent soil erosion. Mulching can prevent up to 73% of soil evaporation loss whilst it also restricts weed growth.

**3**

### Check your plants and placement

Select plants and grass suited to your climate, the amount of light, and soil type. Native plants are the best choices. Incorporate "hydrozones" within your landscape. **Hydrozones** are areas where you can group plants with similar water requirements.

**4**

### Check your garden is weed free

**Weed!** Be on top of your weeding in the garden. Weeds compete with the plants in your garden for water. Be water wise and don't water the weeds!





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