

# Microspin Mini Sprinklers

## TECHNICAL SPECIFICATION



*Microspin*



*Inverted  
Microspin*

## FEATURES & BENEFITS

- The Strong "C" frame design allows for excellent water distribution uniformity.
- Inverted Orbita Micro Sprinkler with barbed base.
- Eight colour coded bases to choose from
- Base colour identifies the flow rate.
- During rotation the spinner is supported between two bearings.
- The spinner on the inverted sprinkler has a cover that protects the bottom bearing from dust.

## OPERATION

- Mount standard model vertically by fitting the STO (landscape) spike on the frame bell, (see figure 2, page 3). Suspend inverted model from overhead lateral with (approved quality) flexible tube or tap directly into lateral, (see installation, page 2)

## APPLICATIONS

- Agricultural applications and greenhouses.



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# PERFORMANCE DATA

PERFORMANCE DATA				STANDARD		INVERTED	
				Tested 0.2 m above Ground Level		Tested 0.8 m above Ground Level	Tested 2 m above Ground Level
FIXED FLOW	BASE COLOUR AND BASE OUTLET SIZE	PRESSURE (Bar)	FLOW RATE (L/h)	DIAMETER OF THROW (m)	STREAM HEIGHT (m)	DIAMETER OF THROW (m)	
	BLUE 1.0 mm	1.0	36	5.4	0.2	4.1	5.6
		1.25	42	6.6	0.3	4.2	5.8
		1.5	47	5.7	0.4	4.3	5.9
	GREEN 1.3 mm	1.0	60	6.0	0.4	4.2	5.7
		1.5	74	6.7	0.5	4.5	6.1
	RED 1.5 mm	1.5	86	7.2	0.5	4.8	6.5
1.0		82	6.4	0.4	4.4	5.9	
1.5		101	7.3	0.5	4.8	6.5	
GREY 2.4 mm	1.5	117	8.0	0.5	5.1	7.0	
	1.0	124	6.9	0.5	4.6	6.4	
	1.5	154	7.8	0.5	5.1	6.9	
	1.5	179	8.6	0.5	5.3	7.3	

## INVERTED MICROSPIN INSTALLATION

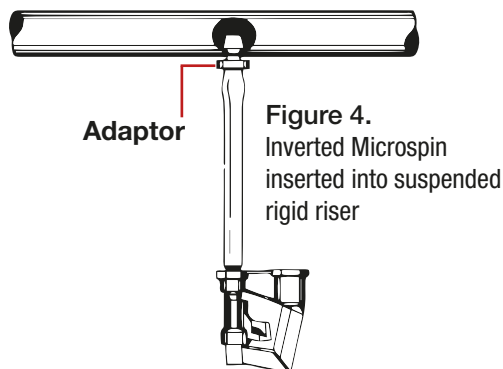


Figure 4. Inverted Microspin inserted into suspended rigid riser

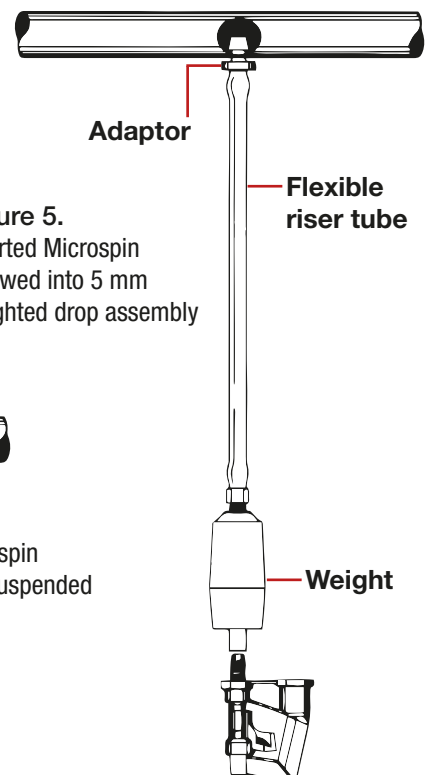
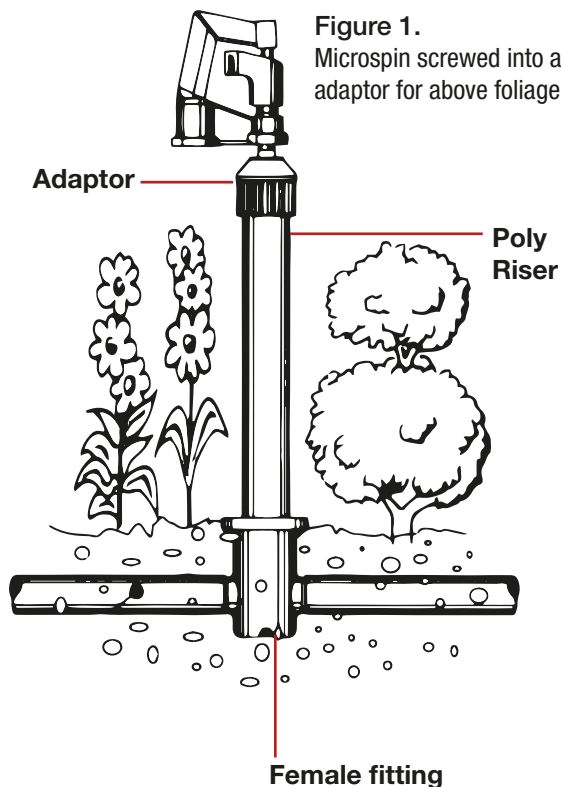


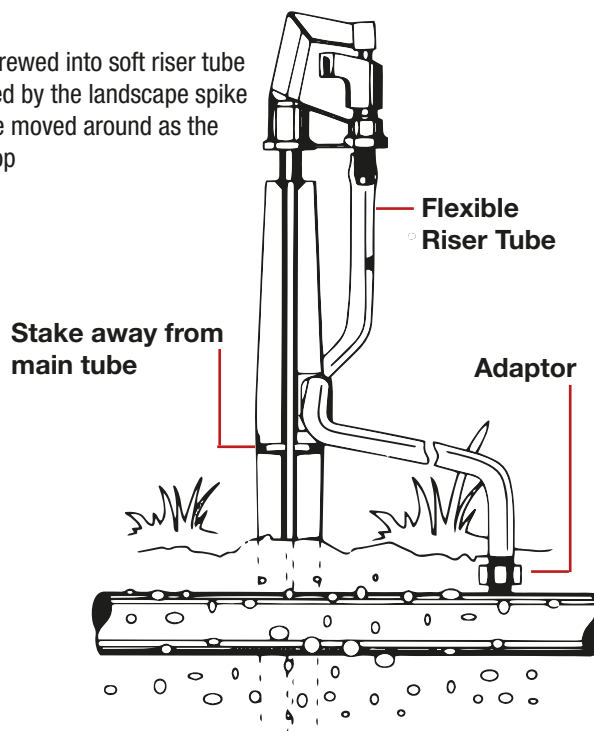
Figure 5. Inverted Microspin screwed into 5 mm weighted drop assembly

# MICROSPIN INSTALLATION

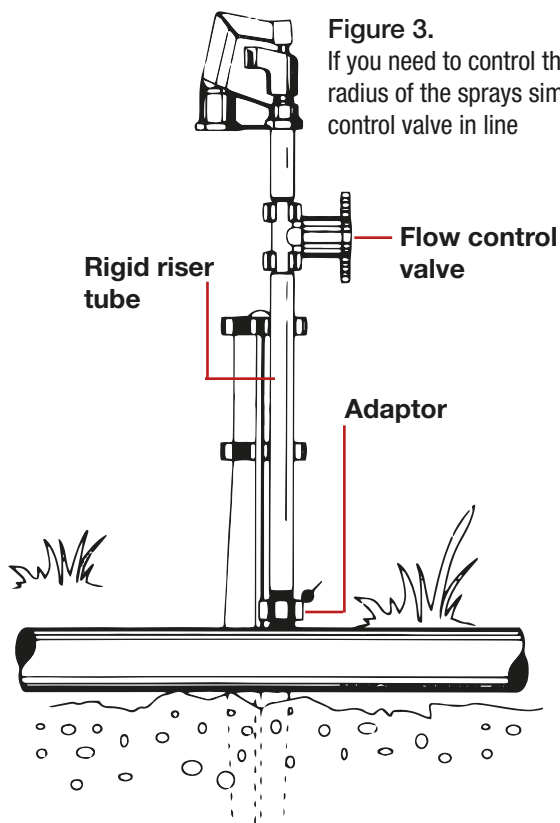
**Figure 1.**  
Microspin screwed into a poly riser adaptor for above foliage watering



**Figure 2.**  
Microspin screwed into soft riser tube and supported by the landscape spike which can be moved around as the plants develop



**Figure 3.**  
If you need to control the flow and radius of the sprays simply fit a flow control valve in line



**RECOMMENDED USE:**

Products described above are designed and manufactured for micro irrigation use and therefore have a maximum recommended operating pressure of 300 kPa.

The products must be used with suitable filtration (where applicable) to avoid blockage or damage to working components.

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