



Microspin Mini Sprinklers

Technical Specifications Sheet

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 4]

Applications

Agricultural applications and greenhouses.



Microspin

- MS13
- MS14
- MS16
- MS20



**Inverted
Microspin**





- IMS13
- IMS20

Microspin and Inverted Microspin Sprinklers





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Performance data: Microspin Sprinklers

Base colour and base outlet size	Pressure		Flow Rate		Radius	Stream Height
	kPa	psi	[L/hr]	[US g/hr]	[Metres]	[Metres]
MS13 - Blue 	75	10.8	41	10.8	2.4	0.14
	100	14.5	51	13.4	2.6	0.20
	150	21.8	60	15.8	2.8	0.24
	200	29.0	69	18.2	3.0	0.36
MS14 - Green 	75	10.8	50	13.2	2.5	0.15
	100	14.5	59	15.5	2.9	0.19
	150	21.8	68	17.9	3.3	0.32
	200	29.0	82	21.6	3.5	0.40
MS16 - Red 	75	10.8	64	16.9	2.6	0.15
	100	14.5	73	19.2	3.0	0.20
	150	21.8	91	24.0	3.6	0.20
	200	29.0	102	26.9	3.7	0.34
MS20 - Grey 	75	10.8	83	21.9	3.3	0.25
	100	14.5	98	25.9	3.3	0.27
	150	21.8	120	31.7	3.9	0.31
	200	29.0	140	36.9	4.3	0.39

Performance data: Inverted Microspin Sprinklers @ 1.2m elevation

Base colour and base outlet size	Pressure		Flow Rate		Radius
	kPa	psi	[L/hr]	[US g/hr]	[Metres]
IMS13 - Blue 	75	10.8	42	11.0	3.0
	100	14.5	49	12.9	3.1
	150	21.8	61	16.1	3.2
	200	29.0	70	18.4	3.3
IMS20 - Grey 	75	10.8	86	22.7	3.4
	100	14.5	99	26.1	3.5
	150	21.8	124	32.7	3.7
	200	29.0	82	37.5	3.8

Performance data: Inverted Microspin Sprinklers @ 2.0m elevation

Base colour and base outlet size	Pressure		Flow Rate		Radius
	kPa	psi	[L/hr]	[US g/hr]	[Metres]
IMS13 - Blue 	75	10.8	42	11.0	3.5
	100	14.5	49	12.9	3.6
	150	21.8	61	16.1	3.6
	200	29.0	70	18.4	3.7
IMS20 - Grey 	75	10.8	86	22.7	4.0
	100	14.5	99	26.1	4.2
	150	21.8	124	32.7	4.3
	200	29.0	82	37.5	4.4

Microspin Sprinkler

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Installation

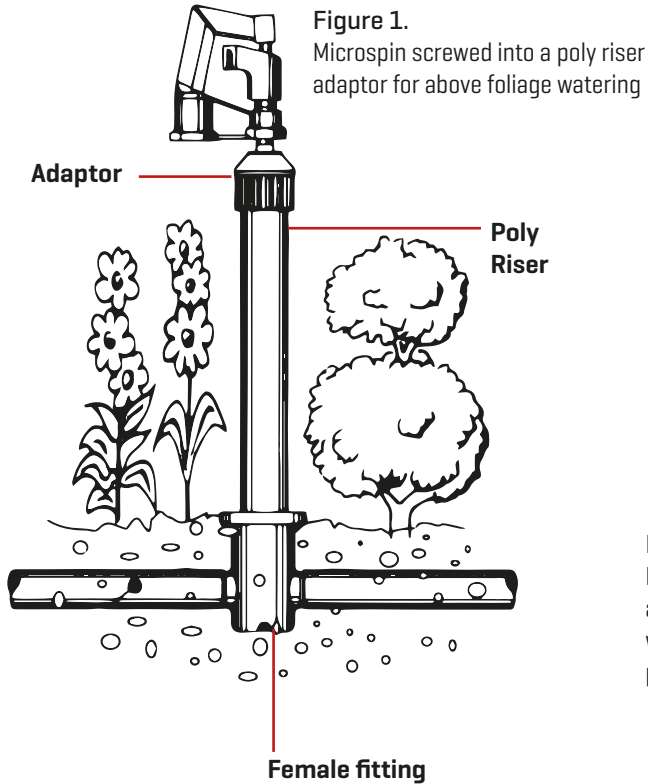
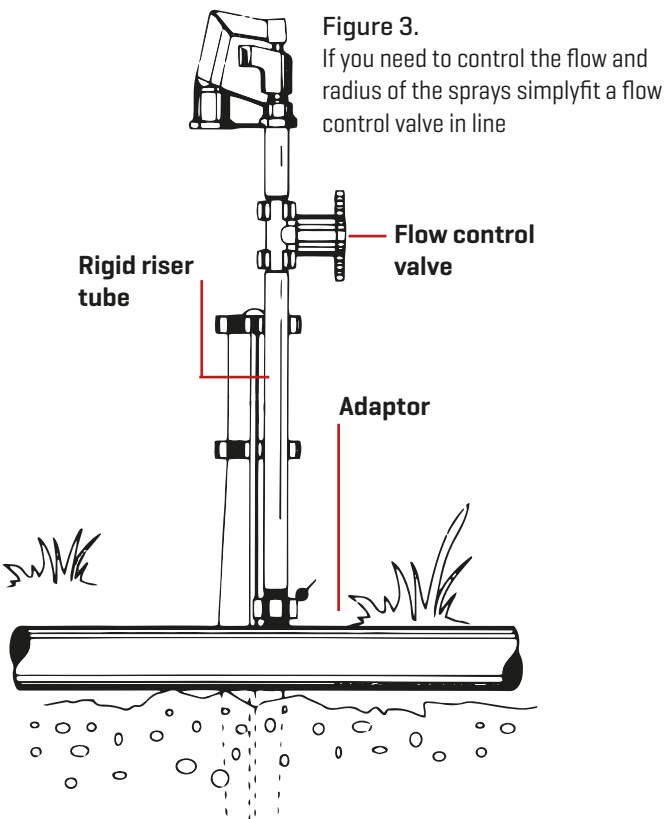
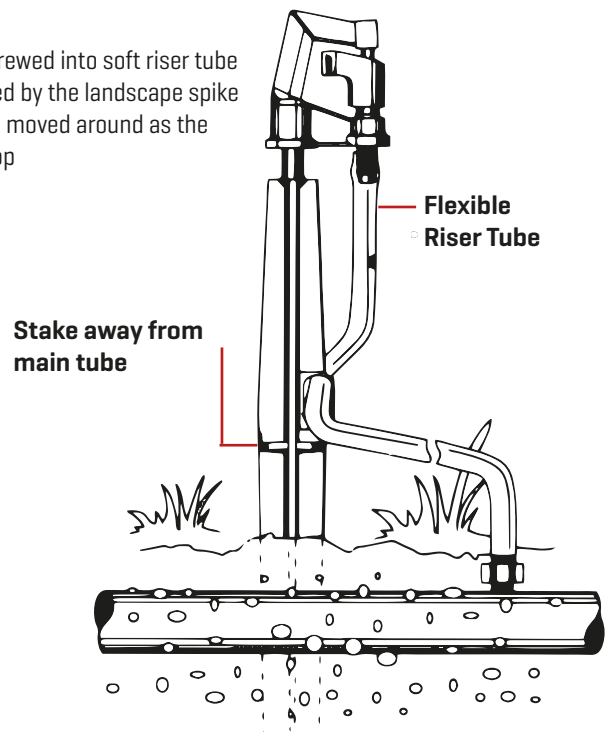


Figure 2.
Microspin screwed into soft riser tube and supported by the landscape spike which can be moved around as the plants develop



Inverted Microspin Sprinkler

Installation

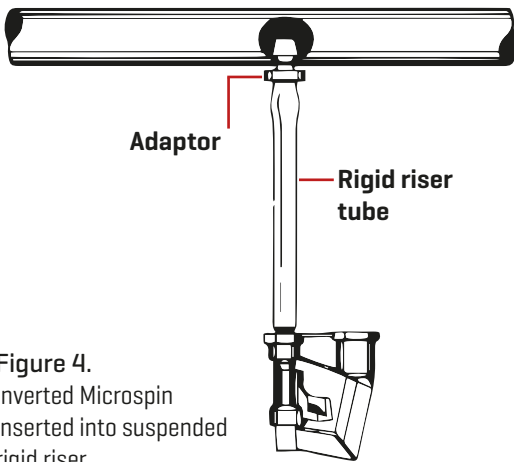


Figure 4.
Inverted Microspin
inserted into suspended
rigid riser

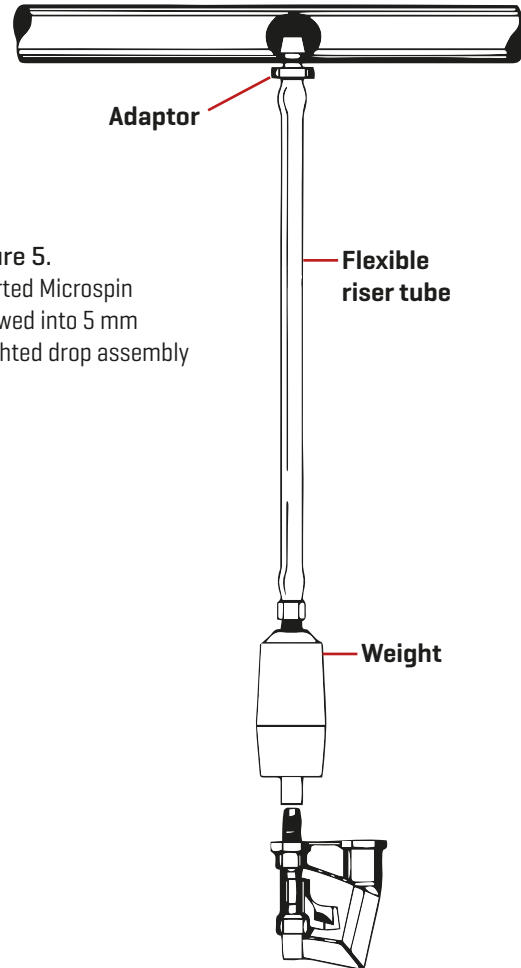


Figure 5.
Inverted Microspin
screwed into 5 mm
weighted drop assembly

RECOMMENDED USE:

Products described above are designed and manufactured for micro irrigation use and therefore have a maximum recommended operating pressure of 300kPa. The products must be used with suitable filtration (where applicable) to avoid blockage or damage to working components.

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