SPRINKLERS

STANDARD

INVERTED

Orbita

Micro Sprinkler

ADJUSTABLE

OPERATION

Strong "C" frame design allows for excellent water distribution uniformity. A selection of bases is available for the four micro sprinkler models. The bases are colour coded to identify flow rate. Rotation of the rotor on the Adjustable Micro Sprinkler and the Spike models allows simultaneous adjustment of flow rate and radius of throw. Choose the model and base colour for the application required.

PRODUCT FEATURES

- Four Orbita micro sprinkler models available, Standard, Inverted, Adjustable and Spike.
- Six colour coded bases to choose from for the Standard model.
- Four colour coded bases for the Inverted model.
- Base colour identifies flow rate.
- The Adjustable model is available with a black base and black rotor or yellow base with a blue rotor.
- The Spike is pre-assembled model for quick and easy installation with a red base, adjustable rotor for flow and throw control, 500 mm of flexible tube and a 4.5 mm Joiner. There are two spike lengths to choose from, 200 mm or 310 mm.

PRODUCT FEATURES

- Strong "C" frame design.
- During rotation the spinner is supported between two bearings.
- The spinner on the Inverted model has a cover that protects the bottom bearing from dust.

GENERAL APPLICATIONS

- Ideal for large areas that include garden beds, landscapes, vegetable gardens and agricultural applications.

ORBITA MICRO SPRINKLER															
		STANDARD						INVERTED				ADJUSTABLE		SPIKE	
														200 mm	310 mm
BASE COLOUR		Brown	Blue	Green	Red	Orange	Grey	Brown	Blue	Green	Red	Black	Yellow	Red	Red
ORIFICE SIZE		0.9 mm	1.0 mm	1.3 mm	1.5 mm	1.8 mm	2.0 mm	0.9 mm	1.0 mm	1.3 mm	1.5 mm	1.5 mm	1.5 mm	1.5 mm	1.5 mm
PACKAGING															
ORDER CODES	PACKS	201035	201045	201055	201065	201075	201085	201105	201115	201125	201135	201394	201404	201552	201562
	BULK	020103	020104	020105	020106	020107	020108	020110	020111	020112	020113	020139	020140	020155	020156
QUANTITY PER BAG	PACKS	50						50				25		10	10
	BULK	500						500				500		200	150
BAGS PER CARTON	PACKS	120						120				100		20	15
	BULK	12						12				5		1	1
WEIGHT PER CARTON (kg)	PACKS	15.5						15.6				12.1		9.9	8.6
	BULK	15.0						15.1				11.5		9.6	8.4
BASE INLET CONNECTION		*"FAST"* Thread						*FAST"* Thread				Thread 10-32 UNF		4.5 mm Barb	
DIMENSIONS OF ORBITA SPRINKLER ASSEMBLED	HEIGHT	41 mm						41 mm				53 mm		415 mm	525 mm
	WIDTH	33 mm						33 mm				33 mm		33 mm	33 mm
	DEPTH	12 mm						12 mm				23 mm		23 mm	23 mm
	WEIGHT	2.3 g						2.3 g				4.0 g		43.5 g	47.1 g
MATERIAL UV STABILIZED	FRAME	Acetal													
	BASE	Acetal													
	FLIPPER	Nylon													

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SPRINKLERS

Orbita

Micro Sprinkler

ADJUSTABLE
Black Base – Black Rotor

STANDARD
Blue Base

INVERTED
Red Base

ADJUSTABLE
Yellow Base – Blue Rotor

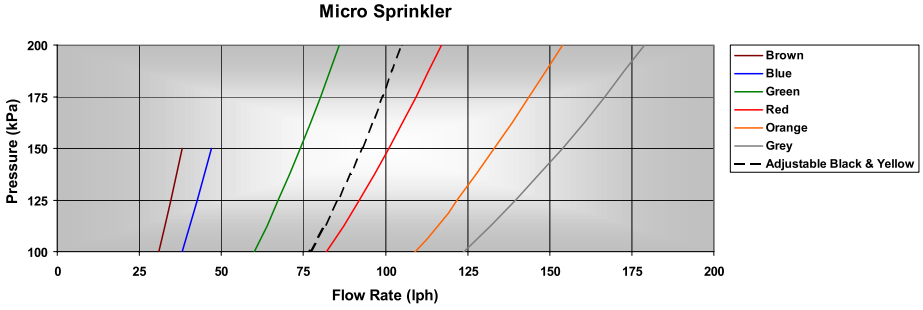
STANDARD
Red Base

INVERTED
Green Base

MICRO SPRINKLERS

METRIC PERFORMANCE DATA				STANDARD		INVERTED		SPIKE 200 mm	SPIKE 310 mm	VARIABLE	
				Tested 0.2 m above Ground Level		Tested 0.8 m above Ground Level	Tested 2 m above Ground Level	Tested 0.3 m above Ground Level	Tested 0.4 m above Ground Level	Tested 0.2 m above Ground Level	
	BASE COLOUR AND JET OULET SIZE	PRESSURE	FLOW RATE	DIAMETER OF THROW	STREAM HEIGHT	DIAMETER OF THROW		DIAMETER OF THROW		DIAMETER OF THROW	STREAM HEIGHT
		(kPa)	(lph)	(m)	(m)	(m)		(m)	(m)	(m)	(m)
FIXED FLOW	BROWN 0.9 mm	100	31	5.3	0.2	4.0	5.4				
		125	35	5.5	0.3	4.1	5.7				
		150	38	5.6	0.4	4.2	5.8				
	BLUE 1.0 mm	100	36	5.4	0.2	4.1	5.6				
		125	42	5.6	0.3	4.2	5.8				
		150	47	5.7	0.4	4.3	5.9				
	GREEN 1.3 mm	100	60	6.0	0.4	4.2	5.7				
		150	74	6.7	0.5	4.5	6.1				
		200	86	7.2	0.5	4.8	6.5				
	RED 1.5 mm	100	82	6.4	0.4	4.4	5.9	6.5	6.6		
		150	101	7.3	0.5	4.8	6.5	7.4	7.5		
		200	117	8.0	0.5	5.1	7.0	8.1	8.2		
	ORANGE 1.8 mm	100	109	6.8	0.4						
		150	133	7.7	0.5						
		200	154	8.4	0.5						
	GREY 2.0 mm	100	124	6.9	0.5						
		150	154	7.8	0.5						
		200	179	8.6	0.5						
VARIABLE FLOW	BLACK Adjustable to max 1.5 mm	100	0 - 77							0 - 6.3	0 – 0.4
		150	0 - 94							0 – 7.2	0 – 0.4
		200	0 - 105							0 – 7.9	0 – 0.4
	YELLOW Adjustable to max 1.5 mm	100	0 - 77							0 - 6.3	0 – 0.4
		150	0 - 94							0 – 7.2	0 – 0.4
		200	0 - 105							0 – 7.9	0 – 0.4

PERFORMANCE GRAPH



Recommended operating pressure indicated by rows highlighted in blue

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