

Orbita PC Micro Sprinklers

SPRINKLERS

Pressure Compensating Sprinklers

FEATURES and BENEFITS

- Pressure Compensating Micro Sprinklers with pre-defined flow rates
- Ideal where uniform flow rates and constant diameter of throw are required.
- Colour coded bases
30 lph (Orange), 40 lph (Blue), 50 lph (Violet),
55 lph (Green) and 80 lph (Red).

APPLICATIONS

- Suitable for large areas that include garden beds, landscapes, vegetable gardens and agriculture applications.



Orbita PC Micro Sprinkler Assemblies						
Colours, Flow Rates & Orifice Sizes						
Base Colour	Orange	Blue	Violet	Green	Red	
Flow Rate	30 l/h	40 l/h	50 l/h	55 l/h	80 l/h	
Base Outlet Size	1.25mm	1.30 mm	1.45 mm	1.55 mm	1.65 mm	
PACKAGING						
Order Codes	Packs	203124	203134	203144	203154	203164
	Bulk	020312	020313	020314	020315	020316
Quantity per Bag	Packs	25				
	Bulk	500				
Bags per Carton	Packs	100				
	Bulk	5				
Weight per Carton (kg)	Packs	14.2				
	Bulk	13.7				
Base Inlet Connection		10-32 UNF Thread				
Dimensions	Height	55 mm				
	Width	32 mm				
Assembled	Depth	17 mm				
	Weight	5.1 g				
Material		U.V. Stabilized				



Orbita PC
30 lph



Orbita PC
55 lph

FILTRATION REQUIREMENTS

- Orange and Blue Bases: 130 microns (120 mesh)
- Violet, Green and Red Bases: 200 microns (80 mesh)

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PERFORMANCE DATA					
PRESSURE COMPENSATING MICRO SPRINKLERS	BASE COLOUR AND FLOW RATE	PRESSURE (bar)	FLOW RATE (l/h)	DIAMETER OF THROW (m)	STREAM HEIGHT (m)
		ORANGE 30 l/h	1.5	33.4	3.2
2.0			34.2	3.4	0.3
2.5			32.9	3.4	0.3
3.0			32.0	3.4	0.3
BLUE 40 l/h		1.5	38.1	3.6	0.3
		2.0	41.2	3.8	0.3
		2.5	41.6	3.8	0.3
VIOLET 50 l/h		1.5	46.0	3.8	0.4
		2.0	49.4	4.0	0.4
		2.5	48.6	4.0	0.4
GREEN 55 l/h		1.5	53.2	4.2	0.4
		2.0	57.1	4.4	0.4
	2.5	58.4	4.4	0.4	
RED 80 l/h	1.5	68.0	5.4	0.4	
	2.0	78.9	5.8	0.4	
	2.5	84.8	6.0	0.4	
		3.0	84.2	6.0	0.4

Recommended Operating Pressure 1.5 bar to 3.0 bar - Tested 200 mm above Ground Level

