



# Orbita Micro 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 Sprinklers							
Base Colour	Colours, Flow Rates & Orifice Sizes						
	Orange	Blue	Violet	Green	Red		
	30 l/h	40 l/h	50 l/h	55 l/h	80 l/h		
Flow Rate							
Base Outlet Size (mm)	1.25	1.30	1.45	1.55	1.65		
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 Assembled (mm)	Height	55					
	Width	32					
	Depth	17					
	Weight (g)	5.1					
Material		U.V. Stabilized					




Orbita PC  
30 l/h



Orbita PC  
55 l/h

### FILTRATION REQUIREMENTS

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

Orbita PC Micro Sprinklers					
PERFORMANCE DATA					
BASE COLOUR AND FLOW RATE	PRESSURE (bar)	FLOW (l/h)	DIAMETER OF THROW (m)	STREAM HEIGHT (m)	
ORANGE 30 l/h	1.5	33.4	3.2	0.3	
	2.0	34.2	3.4	0.3	
	2.5	32.9	3.4	0.3	
BLUE 40 l/h	3.0	32.0	3.4	0.3	
	1.5	38.1	3.6	0.3	
	2.0	41.2	3.8	0.3	
VIOLET 50 l/h	2.5	41.6	3.8	0.3	
	3.0	43.2	3.8	0.3	
	1.5	46.0	3.8	0.4	
GREEN 55 l/h	2.0	49.4	4.0	0.4	
	2.5	48.6	4.0	0.4	
	3.0	49.6	4.0	0.4	
RED 80 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	
	3.0	56.2	4.4	0.4	
	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 to 3.0 bar - Tested 200 mm above Ground Level

