

Waterbird® PC (Pressure Compensating) Mini Sprinkler

Application

Delivers a spray pattern that suits a wide range of crops. Suits a mixture of applications including under tree irrigation, overhead irrigation, vegetables, vineyards, orchards, greenhouse applications and overhead frost protection.

Features

- Unique patented pressure compensating diaphragm assembly for improved performance
- Pressure compensating mechanism provides uniform flow on undulating terrain
- Anti-insect/dust proof spinner retracts to protect nozzle when not in operation
- A two stage spinner provides two diameters of throw. The smallest diameter is for younger trees, and the deflector is simply removed for developed trees
- Aerofoil shaped frame improves sprinkler distribution pattern
- Large droplet size is less susceptible to wind effects
- Snap Fit bearing for easy infield maintenance
- Low angle of throw maximises under foliage penetration
- Eight colour coded flow rates from 35 Lph to 152 Lph
- Available in both standard and deflector tab spinners
- Fully assembled models available with pre-installed tube and stake

Specifications

- Inlet: 10 mm MBSP/NPT
- Recommended Pressure Range: 150 – 350 kPa
- Materials: Frame, bearing and nozzle: Acetal. Spinner: Nylon



Performance Chart

Jet Colour	Pressure (kPa)	Diam. Std Spinner (m)	Diam Deflector TAB Spinner (m)	Flow (Lph)	Stream Height* (m)
Black	150	5.5		35	0.39
	200	5.5	0.6	36	
	250	5.5	0.6	37	
	300	5.5	0.6	37	
	350	5.5		37	
Light Blue	150	5.5		45	0.36
	200	6.0	1.0	48	
	250	6.0	1.0	48	
	300	6.0	1.0	47	
	350	6.0		47	
White	150	6.5		54	0.43
	200	6.5	1.4	57	
	250	6.5	1.4	57	
	300	7.0	1.4	58	
	350	7.0		59	
Maroon	150	7.0		74	0.33
	200	7.5	1.6	76	
	250	8.0	1.6	77	
	300	7.5	1.6	76	
	350	7.5		75	
Green	150	8.0		96	0.50
	200	8.0	1.7	97	
	250	8.0	1.8	97	
	300	8.5	2.0	98	
	350	8.5		98	
Purple	150	8.4		120	0.35
	200	8.4	2.1	116	
	250	7.6	2.1	116	
	300	7.8	2.1	116	
	350	7.8		116	
Blue	150	9.0		135	0.50
	200	9.0	2.7	135	
	250	9.0	2.7	134	
	300	9.0	2.7	133	
	350	8.5		134	
Grey	150	9.0		151	0.39
	200	9.5	2.7	151	
	250	9.0	2.7	152	
	300	9.0	2.7	150	
	350	9.0		149	

Shaded portions indicate recommended operating pressures.
Diameters based on spinner installed 250 mm above ground.
* Measured from spinner outlet.

Waterbird® PC (Pressure Compensating) Mini Sprinkler cont.

Ordering Information

Waterbird® PC Mini Sprinkler Head Only

CODE	DESCRIPTION
WB7PC36	Waterbird PC, 10 mm Black Nozzle at 36 Lph, 2.8 m radius with Standard Spinner
WB7PC47	Waterbird PC, 10 mm Light Blue Nozzle at 47 Lph, 3.0 m radius with Standard Spinner
WB7PC57	Waterbird PC, 10 mm White Nozzle at 57 Lph, 3.3 m radius with Standard Spinner
WB7PC76	Waterbird PC, 10 mm Maroon Nozzle at 76 Lph, 4.0 m radius with Standard Spinner
WB7PC99	Waterbird PC, 10 mm Green Nozzle at 99 Lph, 4.0 m radius with Standard Spinner
WB7PC118	Waterbird PC, 10 mm Purple Nozzle at 118 Lph, 3.8 m radius with Standard Spinner
WB7PC134	Waterbird PC, 10 mm Blue Nozzle at 134 Lph, 4.5 m radius with Standard Spinner
WB7PC151	Waterbird PC, 10 mm Grey Nozzle at 151 Lph, 4.5 m radius with Standard Spinner
WB7PC36D	Waterbird PC, 10 mm Black Nozzle at 36 Lph, 0.3 m radius with Deflector Spinner
WB7PC47D	Waterbird PC, 10 mm Light Blue Nozzle at 47 Lph, 0.5 m radius with Deflector Spinner
WB7PC57D	Waterbird PC, 10 mm White Nozzle at 57 Lph, 0.7 m radius with Deflector Spinner
WB7PC76D	Waterbird PC, 10 mm Maroon Nozzle at 76 Lph, 0.8 m radius with Deflector Spinner
WB7PC99D	Waterbird PC, 10 mm Green Nozzle at 99 Lph, 0.9 m radius with Deflector Spinner
WB7PC118D	Waterbird PC, 10 mm Purple Nozzle at 118 Lph, 1.1 m radius with Deflector Spinner
WB7PC134D	Waterbird PC, 10 mm Blue Nozzle at 134 Lph, 1.4 m radius with Deflector Spinner
WB7PC151D	Waterbird PC, 10 mm Grey Nozzle at 151 Lph, 1.4 m radius with Deflector Spinner

Waterbird® PC Mini Sprinkler with Stake and Tube Assembly

CODE	DESCRIPTION
WB7PCXXS	Available with Standard Spinner on Black Stake with Tube and Adaptor
WB7PCXXSR	Available with Standard Spinner on Red Stake with Tube and Adaptor
WB7PCXXDS	Available with Deflector Spinner on Black Stake with Tube and Adaptor
WB7PCXXDSR	Available with Deflector Spinner on Red Stake with Tube and Adaptor

For any of the above configurations, substitute the XX with the desired flow rate (refer to the above codes).
E.g. For Waterbird PC at 47 Lph with standard spinner on black stake, use code WB7PC47S.

N.B. Nozzles 36 to 99 Lph fitted with 5 mm x 0.6 m Tube and Stake, Nozzles 118 Lpm and above fitted with 10 mm x 0.8 m Tube and Stake

