PC Spray Stakes

Pressure compensated spray stake for efficient wattering of potted plants and nursery containers.





Uniform water and fertilizers distribution

Multiple options

Secure shut-off with CNL mechanism

Applications — **Irrigation of Potted Plants and Nursery Containers**

Benefits & Features

Uniform water and fertilizers distribution

- The PC Spray Stake is designed to achieve efficient wetting pattern of the of the soil mix. The spray pattern is angled downward to keep the spray on the soil within the pot wall. It can be supplied as pre-assembled unit, consists of a Pressure Compensated dripper (PCJ), a 3*5 micro tube, elbow adapter and Spray Stake

Uniform wetting pattern over the entire surface

- The PC Spray Stake is assembled with a PCJ dripper ensures every pot in the entire system receives exactly the same amount of water

Secured anti-drain CNL mechanism

- PC Spray Stake can be assembled with PCJ with CNL feature. At the end of irrigation cycle, in a certain shut-off pressure, the CNL mechanism prevents the system from draining and the pipes remain full of water and ready for the next irrigation cycle

Multiple options

- The Spray Stake is designed for two spray patterns: single side or two sides, adaptable to suit every substrate surface or container

Simple, Secure Shut-Off

- PC Spray Stake is designed also with special side-blocked option. This option allow the user to connect the nipple and the micro-tube to the side-blocked option, in order to close-off the Spray Stake flow

Specifications & Recommendations

- **Suitable for different PCJ flow rates:** 12, 20, 25, 30, 35, 40 L/H
- **Recommended pressure range:** 1.5-4.0 bar (1.8-4.0 bar in the 40 l/h model)
- **2 types of spray pattern:** Single-one side, Double-two sides
- Stake color coded for easy identification of the flow rate
- Made of UV-protected materials, durable to all climate conditions and nutrients injected in agricultural applications.
- ***Rec. filtration:** 130 mic. / 120 mesh*

***Note:** Filtration method shall be selected based on the type and concentration of the dirt particles contained in the water. Wherever sand exceeding 2 ppm exists in the water, a Hydrocyclone shall be installed before the main filter. Wherever sand/ silt/ clay solids exceed 100 ppm, pre-treatment shall be applied according to Netafim™ instructions

TECHNICAL DATA

SUITIBLE DRIPPER FLOW RATE L/H	SPRAY STAKE COLOR CODE	SPRAY PATTERN TYPE	AVERAGE WETTED RADIUS FOR EACH SIDE (M)*	FLOW REGULATOR CODE COLOR
12	FUCHSIA	ONE SIDE	0.22-0.25	FUCHSIA + BLACK
20	GRAY	ONE SIDE	0.22-0.25	ORANGE + BLACK
20	LIGHT GRAY	TWO SIDES	0.22-0.25	ORANGE + BLACK
25	GRAY	ONE SIDE	0.22-0.25	ORANGE + LIGHT GRAY
25	LIGHT GRAY	TWO SIDES	0.22-0.25	ORANGE + LIGHT GRAY
30	BROWN	ONE SIDE	0.22-0.25	ORANGE + BROWN
30	LIGHT BROWN	TWO SIDES	0.22-0.25	ORANGE + BROWN
35	BLUE	ONE SIDE	0.22-0.25	ORANGE + LIGHT BLUE
35	LIGHT BLUE	TWO SIDES	0.22-0.25	ORANGE + LIGHT BLUE
40	BLUE	ONE SIDE	0.22-0.25	ORANGE + BLUE
40	LIGHT BLUE	TWO SIDES	0.22-0.25	ORANGE + BLUE

* Within pressure range 1.54.0- bar (1.84.0- bar in the 40 l/h model)

PACKAGING DATA

QUANTITY P/BOX (UNITS)	BOX SIZE (CM X CM X CM)	BOX WEIGHT (KG)	BOXES P/PALLET
500	27 X 28 X 113	9.5	16

PRODUCT IMAGE	COLOR CODE	DESCRIPTION	SPRAY PATTERN TYPE	1 UNIT	50 UNITS PER BAG
	FUCHSIA	PC SPRAY STAKE FUCHSIA ONE SIDE A	ONE SIDE	22500-002000	22500-002030
	GRAY	PC SPRAY STAKE DARK GRAY ONE SIDE B	ONE SIDE	22500-002100	22500-002130
	LIGHT GRAY	PC SPRAY STAKE LIGTH GRAY TWO SIDE C	TWO SIDES	22500-002200	22500-002230
	BLUE	PC SPRAY STAKE BLUE ONE SIDE D	ONE SIDE	22500-002400	22500-002420
	LIGHT BLUE	PC SPRAY STAKE LIGHT BLUE TWO SIDE E	TWO SIDES	22500-002650	22500-002670
	BROWN	PC SPRAY STAKE BROWN ONE SIDE F	ONE SIDE	22500-002720	22500-002740
	LIGHT BROWN	PC SPRAY STAKE LIGHT BROWN TWO SIDE G	TWO SIDES	22500-003000	22500-003100

→ PC SPRAY STAKES ASSEMBLY
WITH PCJ-CNL DRIPPER IN DIFFERENT FLOW RATES, 100CM 3*5 MICRO-TUBE AND ELBOW ADAPTER

PCJ MODEL	PC SPRAY STAKE COLOR CODE	SPRAY PATTERN TYPE	CATALOG NUMBER FOR 1 UNIT
12 L/H	FUCHSIA	ONE SIDE	40200-035100
20 L/H	GRAY	ONE SIDE	40200-035200
20 L/H	LIGHT GRAY	TWO SIDES	40200-035300
25 L/H	GRAY	ONE SIDE	40200-035400
25 L/H	LIGHT GRAY	TWO SIDES	40200-035500
30 L/H	BROWN	ONE SIDE	40200-037200
30 L/H	LIGHT BROWN	TWO SIDES	40200-037300
35 L/H	BLUE	ONE SIDE	40200-037600
35 L/H	LIGHT BLUE	TWO SIDES	40200-037700
40 L/H	BLUE	ONE SIDE	40200-037800
40 L/H	LIGHT BLUE	TWO SIDES	40200-037900

*Can be ordered with different micro-tube lengths

→ PC-CNL SPRAY STAKES ASSEMBLY
WITH PCJ-CNL DRIPPER IN DIFFERENT FLOW RATES, 100CM 3*5 MICRO-TUBE AND ELBOW ADAPTER

PCJ MODEL	PC SPRAY STAKE COLOR CODE	SPRAY PATTERN TYPE	CATALOG NUMBER FOR 1 UNIT
12 L/H	FUCHSIA	ONE SIDE	40200-036000
20 L/H	GRAY	ONE SIDE	40200-036100
20 L/H	LIGHT GRAY	TWO SIDES	40200-036200
25 L/H	GRAY	ONE SIDE	40200-036300
25 L/H	LIGHT GRAY	TWO SIDES	40200-036400
30 L/H	BROWN	ONE SIDE	40200-038500
30 L/H	LIGHT BROWN	TWO SIDES	40200-038600
35 L/H	BLUE	ONE SIDE	40200-038700
35 L/H	LIGHT BLUE	TWO SIDES	40200-038800
40 L/H	BLUE	ONE SIDE	40200-038900
40 L/H	LIGHT BLUE	TWO SIDES	40200-039000

*Can be ordered with different micro-tube lengths