

## SELF-COMPENSATING DRIPPER SELF-CLEANING AND Y ANTI-DRAIN (PC ND) 3, 4 & 8 L/H.



### Features

- Self-Compensating System PC that regulates the flow of water. 100% Uniformity of irrigation and nutrients distribution.
- Continuous Self-Cleaning system with large water passages improves clogging resistance.
- PC ND Model: Anti-drain system that blocks drainage and refill of water, allowing Hydroponic Irrigation efficiency and pulse irrigation.
- Positionable in the exact spot you need, making possible to increase the number of emitters according to the crop growth rate requirement.
- Allows the use of distributors and stakes to divide the flow of each emitter.

### Technical specifications

- Working pressure range: PC: 0,5 to 4 Atm. and PC ND: 1 to 4 Atm.
- Model PC ND: Open pressure 0,8 Atm. Shut Off pressure 0,3 Atm.
- Labyrinth with large water passage. Recommended filtration: 120 mesh / 130 micron. (recommended in addition to necessary sand filtration as available water)
- Injected dripper. with very low CV (Variation Coefficient).
- UV Resistant. Maximum durability for their technical quality materials.
- To be inserted into PE pipes thick-walled from 0,9 to 1,4 mm.

### Applications

- Deciduous plants irrigation, olive trees and fruits trees. Nursery irrigation.
- Specific for large uneven surfaces ground.
- Model PC ND: Pulse irrigation and Hydroponics in greenhouses. Nursery irrigation.

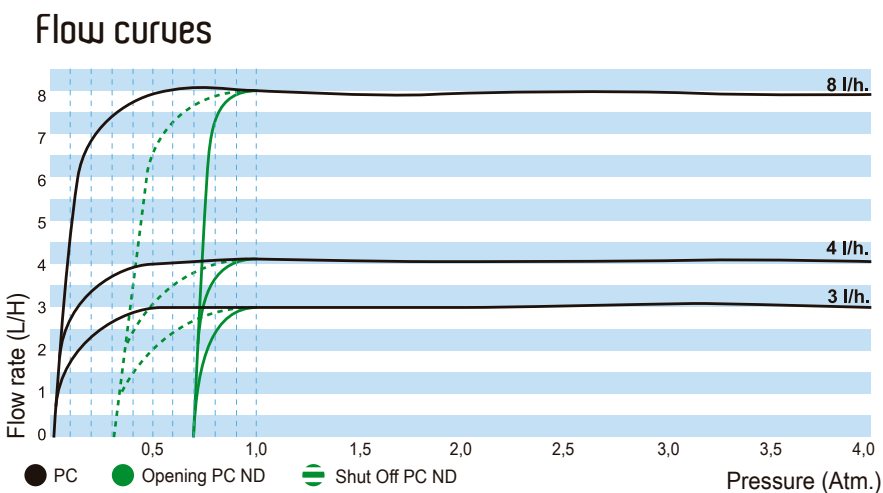
MODEL	FLOW RATE (L/H)	REF.	PRESSURE RANGE (ATM.)	SHUT OFF (ATM.)	WATER PASSAGES (MM)	FILTRATION AREA (MM <sup>2</sup> )	CONSTANT (K)	EXP. (X)	COLOR (Base / Carcasa)
PC	3	6STE3	0,5 - 4,0	-	1,17x1,07x61	2,0	3,0	0	Black / Black
	4	6STE4	0,5 - 4,0	-	1,32x1,40x60	2,0	4,0	0	Black / Black
	8	6STE8	0,5 - 4,0	-	1,55x1,55x17	2,0	8,0	0	Black / Black
PC ND *	3	6STEND3	1,0 - 4,0	0,3	1,17x1,07x61	2,0	3,0	0	Green / Black
	4	6STEND4	1,0 - 4,0	0,3	1,32x1,40x60	2,0	4,0	0	Green / Black
	8	6STEND8	1,0 - 4,0	0,3	1,55x1,55x17	2,0	8,0	0	Green / Black

\* PC ND: OPENING PRESSURE 0,8 ATM. SHUT OFF PRESSURE 0,3 ATM.

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QUANTITY (BAG / BOX)	BOX DIMENSIONS (CM.)	BOX WEIGHT (KG.)
200 / 1.600	40 X 30 X 30	12



### Flow rate test (CM<sup>3</sup> / MIN.) OF 24 UNITS SETA 3L PC AND PC ND PRODUCED BY MOLDS

PC 3L						PC ND 3L				
DRIPPER	PRESSURE (ATM.)					DRIPPER	PRESSURE (ATM.)			
Nº	0,5	1,0	2,0	3,0	4,0	Nº	1,0	2,0	3,0	4,0
1	51	51	50	50	50	13	51	50	51	50
2	51	51	50	50	50	14	50	50	50	50
3	49	49	49	49	49	15	50	50	50	50
4	50	50	50	50	50	16	50	50	50	50
5	50	50	50	51	50	17	50	50	50	50
6	49	49	50	50	50	18	50	50	51	50
7	50	50	51	51	51	19	50	50	50	50
8	50	50	50	51	51	20	50	50	50	50
9	50	50	50	50	50	21	50	51	51	51
10	50	50	50	51	50	22	50	49	49	49
11	50	50	51	51	51	23	50	50	50	51
12	50	50	50	50	50	24	50	50	50	49
AVERAGE						AVERAGE				
CM <sup>3</sup> /MIN.	50,0	50,0	50,1	50,3	50,1	CM <sup>3</sup> /MIN.	50,1	50,0	50,2	50,0
L/H.	3,00	3,00	3,01	3,02	3,01	L/H.	3,01	3,00	3,01	3,00

### Maximum Length of lateral (m.)

Dripper	Ø16 Tube space (m)	Ø20 tube	
		Thick 1,4 mm	Thick 1,5mm
PC ND 3 l/h.	0,50	111	181
	1	181	289
	3	381	594
	5	530	825
PC 4 l/h.	0,50	117	192
	1	193	308
	3	408	633
	5	570	880
PC 8 l/h.	0,50	71	119
	1	117	190
	3	245	388
	5	341	538

Recommended on flat ground.  
 Head pressure: 2.5 Kg / cm<sup>2</sup>