PC on line dripper

On line pressure-compensated, continuously self-flushing dripper, for permanent irrigation applications such as greenhouses, nurseries, citrus, orchards, deciduous, tree irrigation.

Pressure-compensated

Anti-Drain mechanism

Self-flushing mechanism

Benefits & Features

→ Pressure-compensated	Precise and equal amounts of water delivered over a broad pressure range, ensuring 100% uniformity of water and nutrient distribution along the laterals.
→ Anti-Drain (LCNL & HCNL) mechanism	Eliminates drainage and refill effect, and improves efficiency in pulse irrigation even in steep topography.
→ Continuously self-flushing	Flushes debris throughout operation, while ensuring constant dripper operation even in challenging water quality.
→ TurboNet™	Labyrinth ensures wide water passages, to increase flushing efficiency. The water is drawn into the dripper from the stream center, preventing the entrance of sediment into the drippers.
→ Flexible location	Drippers can be positioned exactly where required. Number of drippers can be increased to increase the water quantities applied. Allows the installation of "spider assembly", splitting the drip supply to a number of drip outlets.

Specifications

- Pressure-compensated range according to table below.
- Recommended filtration: 130 micron / 120 mesh. Filtration method selected based on the kind and concentration of dirt particles contained in the water. Wherever sand exceeding 2 ppm exists in the water, a Hydrocyclone shall be installed before the main filter. Where sand/silt/clay solids exceed 100 ppm, pre treatment shall be applied following Netafim expert instructions.
- TurboNet™ labyrinth with large water passage.
- Insertable into thick wall blank PE pipes (0.90, 1.00, 1.20 mm).
- Injected dripper, very low CV.
- High UV resistant. Resistant to standard nutrients used in agriculture.
- Meets ISO 9261 Standards with Israel Standard Institute (SII)-certified production.
- 2 different outlets: nipple, flat.

NETAFIM™
GROW MORE WITH LESS

→ DRIPPERS TECHNICAL DATA

PC drippers

FLOW RATE* (L/H)	WORKING PRESSURE RANGE (BAR)	WATER PASSAGES DIMENSIONS WIDTH-DEPTH-LENGTH (MM)	FILTRATION AREA (MM^2)	CONSTANT K	EXPONENT* X	BASE CODE COLOR	CAP COLOR CODE
2.0	0.5 – 4.0	1.17 x 1.07 x 61	2.0	2.0	0	Red	Black
4.0	0.5 – 4.0	1.32 x 1.44 x 60	2.0	4.0	0	Black	Black
8.5	0.5 – 4.0	1.60 x 1.60 x 17	2.0	8.5	0	Green	Black

*Within working pressure range

→ DRIPPERS TECHNICAL DATA

PC-LCNL drippers

FLOW RATE* (L/H)	WORKING PRESSURE RANGE (BAR)	WATER PASSAGES DIMENSIONS WIDTH-DEPTH-LENGTH (MM)	FILTRATION AREA (MM^2)	CONSTANT K	EXPONENT* X	SHUT OFF PRESSURE (BAR)	BASE CODE COLOR	CAP COLOR CODE
2.0	1.0 – 4.0	1.17 x 1.07 x 61	2.0	2.0	0	0.15	Red	Brown
4.0	1.0 – 4.0	1.32 x 1.44 x 60	2.0	4.0	0	0.15	Black	Brown
8.5	1.0 – 4.0	1.60 x 1.60 x 17	2.0	8.5	0	0.15	Green	Brown

* Within working pressure range

→ DRIPPERS TECHNICAL DATA

PC-HCNL drippers

FLOW RATE* (L/H)	WORKING PRESSURE RANGE (BAR)	WATER PASSAGES DIMENSIONS WIDTH-DEPTH-LENGTH (MM)	FILTRATION AREA (MM^2)	CONSTANT K	EXPONENT* X	SHUT OFF PRESSURE (BAR)	BASE CODE COLOR	CAP COLOR CODE
3.0	1.4 – 4.0	1.17 x 1.07 x 61	2.0	3.0	0	0.30	Black	Black
6.0	1.4 – 4.0	1.32 x 1.44 x 60	2.0	6.0	0	0.30	Black	Black
12.0	1.4 – 4.0	1.60 x 1.60 x 17	2.0	12.0	0	0.30	Black	Black

* Within working pressure range

→ DRIPPERS PACKAGE DATA

MODEL	QUANTITY P/BOX UNITS	BOX DIMENSIONS (CM X CM X CM)	BOX WEIGHT (KG)
PC & PC-LCNL drippers , flat outlet	2500	57 x 28 x 27	18
PC , PC-LCNL & PC-HCNL drippers , nipple outlet	2500	57 x 28 x 27	19

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Want to know more?
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