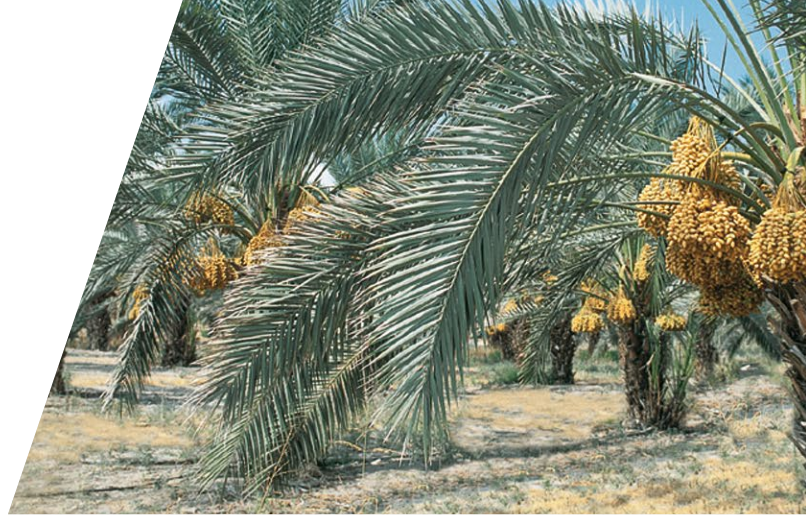


# PCJ-HF on line Bubblers

On line pressure-compensated emitter with high flow, for permanent irrigation such as landscape, trees and fruit trees, with large treetops



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 qualities.
- **TurboNet™** Labyrinth ensures wide water passages, large deep and wide cross section that improves clogging resistance.
- **Flexible location** Dripper can be positioned exactly where required and number of drippers can be increased so as to increase water quantity supply aimed at meeting plant growth rate requirement. Allows the installation of "spider assembly", splitting the drip supply into a number of dripping outlets.

## / Specifications

- ✓ Working pressure: 1.0 to 4.0 bar (1.3 to 4.0 bar in the 40 l/h)
- ✓ 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.
- ✓ 3 different outlets: nipple, barb for 3 mm ID and barb for 4 mm ID micro-tube.
- ✓ High UV resistant. Resistant to standard nutrients used in agriculture.

## → BUBBLER TECHNICAL DATA

PCJ-HF bubblers

FLOW RATE* (L/H)	WORKING PRESSURE RANGE (BAR)	WATER PASSAGES DIMENSIONS (MM)	FILTRATION AREA (MM <sup>2</sup> )	CONSTANT K	EXPONENT* X	BASIS CODE COLOR	CAP COLOR CODE
20	1.0 – 4.0	1.4 x 1.1	2.0	20	0	Orange	Black
25	1.0 – 4.0	1.4 x 1.1 + 0.4 x 2.1	2.0	25	0	Orange	Light grey
30	1.0 – 4.0	1.4 x 1.1 + 0.7 x 2.1	2.0	30	0	Orange	Brown
35	1.0 – 4.0	1.4 x 1.1 + 1.0 x 2.1	2.0	35	0	Orange	Light blue
40	1.3 – 4.0	1.4 x 1.1 + 1.0 x 2.6	2.0	40	0	Orange	Blue

\*Within working pressure range

## → BUBBLER TECHNICAL DATA

PCJ-HF-LCNL bubblers

FLOW RATE* (L/H)	WORKING PRESSURE RANGE (BAR)	WATER PASSAGES DIMENSIONS (MM)	FILTRATION AREA (MM <sup>2</sup> )	CONSTANT K	EXPONENT* X	SHUT OFF PRESSURE (BAR)	BASIS CODE COLOR**	CAP COLOR CODE
20	1.0 – 4.0	1.4 x 1.1	2.0	20	0	0.12	Orange	Black
25	1.0 – 4.0	1.4 x 1.1 + 0.4 x 2.1	2.0	25	0	0.12	Orange	Light grey
30	1.0 – 4.0	1.4 x 1.1 + 0.7 x 2.1	2.0	30	0	0.12	Orange	Brown
35	1.0 – 4.0	1.4 x 1.1 + 1.0 x 2.1	2.0	35	0	0.12	Orange	Light blue
40	1.3 – 4.0	1.4 x 1.1 + 1.0 x 2.6	2.0	40	0	0.12	Orange	Blue

\*Within working pressure range

\*\*CNL bubblers is distinguished by the rings around the inlet barb connector

## → BUBBLERS PACKAGE DATA

	QUANTITY P/BOX UNITS	BOX DIMENSIONS (CM X CM X CM)	AVERAGE BOX WEIGHT (KG)
PCJ-HF bubblers	9500	57 x 28 x 27	14.0