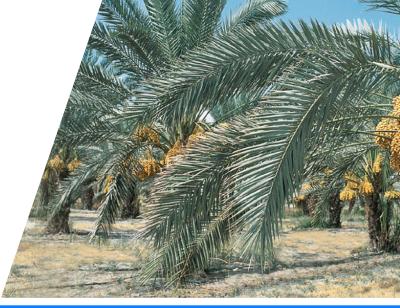
PCJ-HF on line bubbler

Click for Online PCJ Bubblers orders: www.irrigationglobal.com

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





Pressurecompensated





Self-flushing mechanism



→ Pressurecompensated

uniformity of water and nutrient distribution along the laterals.

→ Anti-Drain (LCNL) mechanism

Eliminates drainage and refill effect, and improves efficiency in pulse irrigation even in steep topography.

Precise and equal amounts of water delivered over a broad pressure range, ensuring 100%

→ Continuously self-flushing

Flushes debris throughout operation, while ensuring constant emitter operation even in challenging water qualities.

→ Flexible location

Emitters can be positioned exactly where required. Number of emitters 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.
- Internal very large water passages.
- Insertable into thick wall blank PE pipes (0.90, 1.00, 1.20 mm).
- ✓ Injected bubbler, very low CV.
- High UV resistant. Resistant to standard nutrients used in agriculture.
- 4 different outlets: nipple, nipple with assembled cap, barb to 3 mm ID, barb to 4 mm ID micro-tube.



PCJ-HF bubblers

FLOW RATE* (L/H)	WORKING PRESSURE RANGE (BAR)	WATER PASSAGES DIMENSIONS (MM)	FILTRATION AREA (MM²)	CONSTANT K	EXPONENT*	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)		WATER PASSAGES DIMENSIONS (MM)	FILTRATION AREA (MM²)	CONSTANT K	EXPONENT*		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

→ 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

^{*}Within working pressure range **CNL bubblers is distinguished by the rings around the inlet barb connector