



PCJ - HF ON-LINE BUBBLERS

ON-LINE COMPACT PRESSURE COMPENSATED BUBBLER



APPLICATIONS

Landscape, trees and fruit trees with large treetops.

SPECIFICATIONS

- Working pressure : 1.0 to 4.0 bar (1.3 to 4.0 bar in the 40 l/h.).
- Large water passages.
- Recommended filtration: 130 micron / 120 mesh.
Filtration method is to be selected based on the kind and concentration of the dirt particles existing in the water.
Wherever sand exceeding 2 ppm exists in the water, a Hydrocyclon filter is to be installed before the main filter.
When sand / silt / clay solids exceed 100ppm, pre treatment will be applied according to Netafim™ expert team's instructions.
- 5 different flow rates.
- 3 different outlets: nipple, barb to 3 mm ID and barb to 4 mm ID. micro-tube.
- To be "inserted" into thick-walled pipes (0.9, 1.0 and 1.2 mm.).
- Injected emitter, very low CV.
- Injected silicon diaphragm.

FEATURES AND BENEFITS

- Wide water passages, improves clogging resistance.
- PC system, patented pressure differential system maintains uniform flow rate at different inlet working pressure (in the recommended working pressure range), ensuring exact distribution of the water and nutrients.
- Continuous self-flushing system, improves resistance to clogging.
- Anti drain (CNL) system, optional model, eliminates drainage and refill effect, improves efficiency in pulse irrigation.
- Number of emitters can be increased so as to increase water quantity supply aimed at meeting tree growth rate requirement.
- Allows the installation of "spider assembly", splitting the water supply to a number of outlets and/or PC spray stake units.

BUBBLER TECHNICAL DATA

PCJ-HF bubblers

FLOW RATE (L/H)	WORKING PRESSURE RANGE (BAR)	FILTRATION AREA (MM ²)	CONSTANT K	EXPONENT*	BASIS CODE COLOR	CAP COLOR CODE
20	1.0 – 4.0	2.0	20	0	Orange	Black
25	1.0 – 4.0	2.0	25	0	Orange	Light brown
30	1.0 – 4.0	2.0	30	0	Orange	Brown
35	1.0 – 4.0	2.0	35	0	Orange	Light blue
40	1.3 – 4.0	2.0	40	0	Orange	Blue

*Within working pressure range

PCJ-HF-CNL bubblers

FLOW RATE (L/H)	WORKING PRESSURE RANGE (BAR)	FILTRATION AREA (MM ²)	CONSTANT K	EXPONENT*	SHUT OFF PRESSURE (BAR)	BASIS CODE COLOR**	CAP COLOR CODE
20	1.0 – 4.0	2.0	20	0	0.12	Orange	Black
25	1.0 – 4.0	2.0	25	0	0.12	Orange	Light brown
30	1.0 – 4.0	2.0	30	0	0.12	Orange	Brown
35	1.0 – 4.0	2.0	35	0	0.12	Orange	Light blue
40	1.3 – 4.0	2.0	40	0	0.12	Orange	Blue

*Within working pressure range **In addition, CNL bubblers is distinguished by the rings around the inlet barb connector

PACKAGE DATA

	QUANTITY P/BOX UNITS	BOX DIMENSIONS CM X CM X CM	BOX WEIGHT KG (AVERAGE)
PCJ-HF bubblers	9500	57 x 28 x 27	13.7