

PCJ – HF Bubblers

Compact Pressure compensated emitter

Anti-drain (CNL) feature (optional)

Applications:

Landscape , trees and fruit trees with large treetops irrigation.

Specifications:

- Working pressure : 1.0 to 4.0 bar (1.3 to 4.0 bar in the 40 l/h.)
- Large water passages.
- 5 different flow rates.
20 , 25 , 30 , 35 , 40 l/h.
- 3 different outlets: nipple, barb to 3 mm ID and barb to 4 mm ID.
- To be "inserted" into thick- walled pipes (0.9, 1.0 and 1.2 mm.).
- Injected emitter , very low CV
- It can be used either as an individual product or as flow regulator positioned in front of other emitter products.
- When used as a bubbler, it will be supplied with a cap mounted on the outlet (to avoid splashing)

Features and Benefits:

- 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.
- 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 stakes units



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Dripper Technical Data

Flow rate (l/h.)	Working pressure range (bar)	Filtration area (mm ²)	Constant K	Exponent * X	Base code color	Outlet code color
20	1.0 – 4.0	2.3	20	0	Orange	Black
25	1.0 – 4.0	2.3	25	0	Orange	Light gray
30	1.0 – 4.0	2.3	30	0	Orange	Brown
35	1.0 – 4.0	2.3	35	0	Orange	Light blue
40	1.3 – 4.0	2.3	40	0	Orange	Blue

* Within working pressure range

PCJ-HF-CNL bubblers Technical data

Flow rate (l/h.)	Working pressure range (bar)	Filtration area (mm ²)	Constant K	Exponent * X	Shut off pressure (bar)	Base code color	Outlet code color
20	1.0 – 4.0	2.3	20	0	0.12	Orange	Black
25	1.0 – 4.0	2.3	25	0	0.12	Orange	Light gray
30	1.0 – 4.0	2.3	30	0	0.12	Orange	Brown
35	1.0 – 4.0	2.3	35	0	0.12	Orange	Light blue
40	1.3 – 4.0	2.3	40	0	0.12	Orange	Blue

*Within working pressure range

Packaging Data

Flow rate (l/h)	Catalog number	Quantity p/box units	Box dimensions cm x cm x cm	Box weight kg (average)
20	21620-001300	9500	57 x 28 x 27	13.7
25	21620-001600	9500	57 x 28 x 27	13.7
30	21620-001800	9500	57 x 28 x 27	13.7
35	21620-002000	9500	57 x 28 x 27	13.7
40	21620-002200	9500	57 x 28 x 27	13.7

For further information/ clarification contact the Netafim™ Technical department.