



## PCJ - HF ON-LINE BUBBLERS

ON-LINE COMPACT PRESSURE COMPENSATED BUBBLER



### APPLICATIONS

Landscape, trees and fruit trees with large treetops.

### 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.

### 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 Hydrocyclone is to be installed before the main filter. When sand/silt/clay solids exceed 100 ppm, 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 (0.90, 1.00, 1.20 mm).
- Injected emitter, very low CV.
- Injected silicon diaphragm.

### BUBBLER TECHNICAL DATA

#### PCJ-HF bubblers

FLOW RATE* (L/H)	WORKING PRESSURE RANGE (BAR)	FILTRATION AREA (MM <sup>2</sup> )	CONSTANT K	EXPONENT* X	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 <sup>2</sup> )	CONSTANT K	EXPONENT* X	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    \*\*CNL bubblers is distinguished by the rings around the inlet barb connector

### PCJ-HF BUBBLER - NIPPLE OUTLET

Catalog number **21620** - (any of below 6 digits)

FLOW RATE (L/H)	1 UNIT	100 UNITS/BAG
20.0	001250	
25.0	001550	001560
30.0	001750	001770
35.0	001950	001960
40.0	002150	002170

Missing catalog numbers available upon request

### PCJ-HF BUBBLER - 3MM BARB OUTLET

Catalog number **21620** - (any of below 6 digits)

FLOW RATE (L/H)	1 UNIT	100 UNITS/BAG
20.0	001200	001220
25.0	001500	
30.0	001700	001710
35.0	001900	
40.0	002100	

Missing catalog numbers available upon request

### PCJ-HF BUBBLER - 4MM BARB OUTLET

Catalog number **21620** - (any of below 6 digits)

FLOW RATE (L/H)	1 UNIT	100 UNITS/BAG
20.0	001350	
25.0	001650	
30.0	001850	
35.0	002050	
40.0	002250	

Missing catalog numbers available upon request

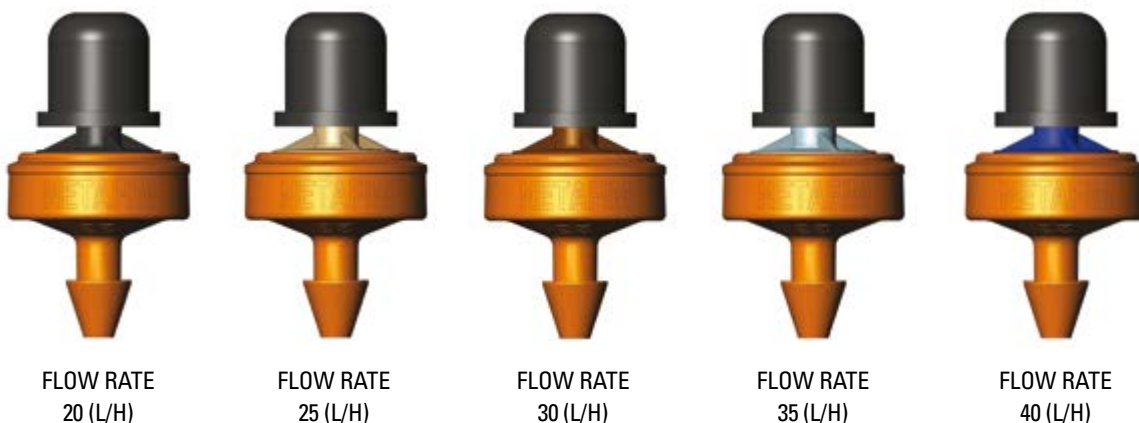
### PCJ-HF BUBBLER NIPPLE OUTLET + ASSEMBLY CAP

Catalog number **21620** - (any of below 6 digits)

FLOW RATE (L/H)	1 UNIT	50 UNITS/BAG	100 UNITS/BAG	500 UNITS/BAG	1000 UNITS/BAG
20.0	001300	001310	001315	001320	001340
25.0	001600		001610	001620	001640
30.0	001800		001810	001820	001840
35.0	002000		002010	002020	002040
40.0	002200		002210	002220	

Missing catalog numbers available upon request

### PCJ-HF-BUBBLER WITH ASSEMBLY CAP



### PCJ-HF-CNL BUBBLER - NIPPLE OUTLET

Catalog number **21630** - (any of below 6 digits)

FLOW RATE (L/H)	1 UNIT	100 UNITS/BAG
20.0	002150	001260
25.0	001550	
30.0	001750	001760
35.0	001950	
40.0	002150	002160

Missing catalog numbers available upon request

### PCJ-HF-CNL BUBBLER - 3MM BARB OUTLET

Catalog number **21630** - (any of below 6 digits)

FLOW RATE (L/H)	1 UNIT	100 UNITS/BAG
20.0	001200	001220
25.0	001500	001510
30.0	001700	001710
35.0	001900	001920
40.0	002100	002130

### PCJ-HF-CNL BUBBLER - 4MM BARB OUTLET

Catalog number **21630** - (any of below 6 digits)

FLOW RATE (L/H)	1 UNIT	100 UNITS/BAG
20.0	001350	
25.0	001650	
30.0	001850	
35.0	002050	
40.0	002250	

Missing catalog numbers available upon request

### PCJ-HF- CNL BUBBLER NIPPLE OUTLET + ASSEMBLY CAP

Catalog number **21630** - (any of below 6 digits)

FLOW RATE (L/H)	1 UNIT	50 UNITS/BAG	100 UNITS/BAG	500 UNITS/BAG	1000 UNITS/BAG
20.0	001270	001280		001300	
25.0	001570	001580		001600	
30.0	001860	001870		001880	
35.0	002060			002080	
40.0	002300	002310		002320	

Missing catalog numbers available upon request

### PACKAGE DATA

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