

PCJ -HF & PCJ-HF-CNL Bubbler

Compact Pressure Compensated Emitters

For irrigating landscape & orchards with large treetops and/or high water requirements

- Unaffected by varying inlet pressure and field slopes
- Flow rate color coded
- Uniform, precise and consistent irrigation



PCJ - HF

Large flow path cross-section to minimize clogging, ensuring exact flow rate in all conditions.

Injected silicon diaphragm ensuring long life

Resistant plastic material with UV protection for all weather conditions.

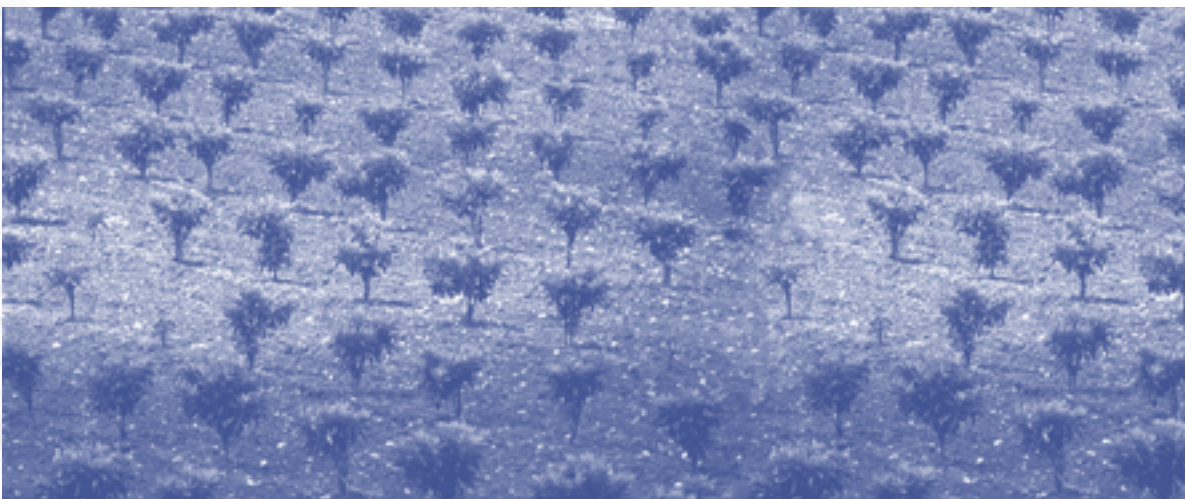
Injection molded dripper construction, ensuring uniform drippers and very low CV.



PCJ - HF TECHNICAL DATA

Flow rate (l/h)	working pressure range (bar)	base color	cap color
20	1.0-4.0	orange	black
25	1.0-4.0	orange	light gray
30	1.0-4.0	orange	brown
35	1.0-4.0	orange	light blue
40	1.3-4.0	orange	blue

- When inserting drippers in tubes with 1.0 mm wall thickness, maximum recommended working pressure is 3.5 bar.
- When inserting drippers in tubes with 1.2 mm wall thickness, maximum recommended working pressure is 4.0 bar.



PCJ - HF BUBBLERS

PCJ-HF Bubblers • Tube 20/2.5* • I.D. Ø 17.40 mm • Inlet pressure 3.0 bar • Kd=0.13

Max. lateral length (m) spacing between drippers (m)

Flow rate (l/h)	0.50	0.75	1.00	1.50	3.00	5.00	10.00
20	72	95	115	152	237	330	520
25	62	83	100	130	207	290	450
30	55	73	89	117	183	255	400
35	50	66	81	106	168	235	370
40	46	60	74	98	156	215	340

PCJ-HF Bubblers • Tube 25/2.5* • I.D. Ø 22.2 mm • Inlet pressure 3.0 bar • Kd=0.05

Max. lateral length (m) spacing between drippers (m)

Flow rate (l/h)	0.50	0.75	1.00	1.50	3.00	5.00	10.00
20	112	147	177	231	363	505	790
25	97	127	154	201	315	440	680
30	87	113	137	178	282	390	610
35	78	102	124	162	255	355	550
40	72	95	114	149	234	325	510

* Minimum pressure considered = 1.0 bar, calculated in a plain area

For more information, please contact Netafim Technical Department, or connect to our website at www.netafim.com

PERFORMANCE DATA

Flow rate (l/h)	Catalog number	Description	Quantity (units)	Dimensions (cm x cm x cm)	Weight (kg)
20	21620-001300	PC junior HF 20 l/h nipple outlet+cap	9500	57 x 28 x 27	13.7
25	21620-001600	PC junior HF 25 l/h nipple outlet+cap	9500	57 x 28 x 27	13.7
30	21620-001800	PC junior HF 30 l/h nipple outlet+cap	9500	57 x 28 x 27	13.7
35	21620-002000	PC junior HF 35 l/h nipple outlet+cap	9500	57 x 28 x 27	13.7
40	21620-002200	PC junior HF 40 l/h nipple outlet+cap	9500	57 x 28 x 27	13.7

Flow rate (l/h)	Catalog number	Description	Quantity (units)	Dimensions (cm x cm x cm)	Weight (kg)
20	21630-001270	PC junior HF-CNL 20 l/h nipple outlet+cap	9500	57 x 28 x 27	13.7
25	21630-001570	PC junior HF-CNL 25 l/h nipple outlet+cap	9500	57 x 28 x 27	13.7
30	21630-001860	PC junior HF-CNL 30 l/h nipple outlet+cap	9500	57 x 28 x 27	13.7
35	21630-002060	PC junior HF-CNL 35 l/h nipple outlet+cap	9500	57 x 28 x 27	13.7
40	21630-002300	PC junior HF-CNL 40 l/h nipple outlet+cap	9500	57 x 28 x 27	13.7

PACKAGING DATA

PCJ - HF BUBBLERS

01-0206-DRP-PS-2006-EN

