

PCJ dripper

Compact on line pressure-compensated, continuously self-flushing dripper for greenhouses, nurseries, and other protected crops applications



Compact
size



Pressure-
compensated



Anti-Drain
mechanism

/ Benefits & Features

- **Pressure-compensated** Compact size online pressure-compensated dripper that delivers precise and equal amounts of water over a broad pressure range, ensuring 100% uniformity of water and nutrient distribution along the laterals.
- **Anti-Drain (LCNL & HCNL) mechanism** Eliminates drainage and refill effect, and improves efficiency in pulse irrigation even in steep topography.
- **Continuously self-flushing** Flushes debris throughout operation, while ensuring constant dripper operation even in challenging water qualities.
- **TurboNet™** Labyrinth ensures wide water passages, large deep and wide cross section that improves clogging resistance.
- **Flexible location** Dripper can be positioned exactly where required and number of drippers can be increased so as to increase water quantity supply aimed at meeting plant growth rate requirement. Allows the installation of "spider assembly", splitting the drip supply into a number of dripping outlets.

/ Specifications

- ✓ 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.
- ✓ TurboNet™ labyrinth with large water passage.
- ✓ Insertable into thick wall blank PE pipes (0.90, 1.00, 1.20 mm).
- ✓ Injected dripper, very low CV.
- ✓ 3 different outlets: nipple, barb to 3 mm ID and barb to 4 mm ID micro-tube.
- ✓ High UV resistant. Resistant to standard nutrients used in agriculture.
- ✓ PCJ on line drippers meet ISO 9261 Standards with Israel Standard Institute (SII)-certified production.

→ DRIPPERS PACKAGE DATA

	QUANTITY P/BOX UNITS	BOX DIMENSIONS (CM X CM X CM)	AVERAGE BOX WEIGHT (KG)
PCJ drippers (all the models)	13000	57 x 28 x 27	14.0

→ DRIPPERS TECHNICAL DATA

PCJ drippers

FLOW RATE* (L/H)	WORKING PRESSURE RANGE (BAR)	WATER PASSAGES DIMENSIONS WIDTH-DEPTH-LENGTH (MM)	FILTRATION AREA (MM²)	CONSTANT K	EXPONENT* X	BASE CODE COLOR	CAP COLOR CODE
0.5	0.5 – 4.0	0.54 x 0.60 x 35	1.8	0.5	0	Mustard	Black
1.2	0.5 – 4.0	0.67 x 0.77 x 35	2.0	1.2	0	Brown	Black
2.0	0.5 – 4.0	0.98 x 0.79 x 35	2.0	2.0	0	Red	Black
3.0	0.5 – 4.0	1.03 x 1.07 x 35	2.0	3.0	0	Blue	Black
4.0	0.5 – 4.0	1.32 x 0.92 x 35	2.0	4.0	0	Gray	Black
8.0	0.5 – 4.0	1.60 x 1.08 x 35	2.0	8.0	0	Green	Black
12.0	0.5 – 4.0	1.60 x 1.08 x 17	2.0	12.0	0	Fuchsia	Black
15.0	0.5 – 4.0	1.60 x 1.08 x 17	2.0	15.0	0	Black	Black

*Within working pressure range

→ DRIPPERS TECHNICAL DATA

PCJ-LCNL drippers

FLOW RATE* (L/H)	WORKING PRESSURE RANGE (BAR)	WATER PASSAGES DIMENSIONS WIDTH-DEPTH-LENGTH (MM)	FILTRATION AREA (MM²)	CONSTANT K	EXPONENT* X	SHUT OFF PRESSURE (BAR)	BASE CODE COLOR**	CAP COLOR CODE
0.5	0.7 – 4.0	0.54 x 0.60 x 35	1.8	0.5	0	0.12	Mustard	Black
1.2	0.7 – 4.0	0.67 x 0.77 x 35	2.0	1.2	0	0.12	Brown	Black
2.0	0.7 – 4.0	0.98 x 0.79 x 35	2.0	2.0	0	0.12	Red	Black
3.0	0.7 – 4.0	1.03 x 1.07 x 35	2.0	3.0	0	0.12	Blue	Black
4.0	0.7 – 4.0	1.32 x 0.92 x 35	2.0	4.0	0	0.12	Gray	Black
8.0	0.7 – 4.0	1.60 x 1.08 x 35	2.0	8.0	0	0.12	Green	Black
12.0	0.7 – 4.0	1.60 x 1.08 x 17	2.0	12.0	0	0.12	Fuchsia	Black
15.0	0.7 – 4.0	1.60 x 1.08 x 17	2.0	15.0	0	0.12	Black	Black

*Within working pressure range **PCJ-LCNL is distinguished by the rings around the barb water inlet connector

→ DRIPPERS TECHNICAL DATA

PCJ-HCNL drippers

FLOW RATE* (L/H)	WORKING PRESSURE RANGE (BAR)	WATER PASSAGES DIMENSIONS WIDTH-DEPTH-LENGTH (MM)	FILTRATION AREA (MM²)	CONSTANT K	EXPONENT* X	SHUT OFF PRESSURE (BAR)	BASE CODE COLOR	CAP COLOR CODE
0.5	1.5 – 4.0	0.54 x 0.60 x 35	1.8	0.5	0	0.18	Light yellow	Black
1.2	1.5 – 4.0	0.67 x 0.77 x 35	2.0	1.2	0	0.18	Light brown	Black
2.0	1.5 – 4.0	0.98 x 0.79 x 35	2.0	2.0	0	0.18	Pink	Black
3.0	1.5 – 4.0	1.03 x 1.07 x 35	2.0	3.0	0	0.18	Light blue	Black
4.0	1.5 – 4.0	1.32 x 0.92 x 35	2.0	4.0	0	0.18	Light gray	Black

*Within working pressure range



PCJ dripper nipple model



PCJ dripper 4 mm barb model



PCJ dripper 3 mm barb model

PCJ dripper 3 mm barb outlet

Catalog number 21500 - (any of below 6 digits)

FLOW RATE (L/H)	1 UNIT	10 UNITS/ BAG	25 UNITS/ BAG	50 UNITS/ BAG	100 UNITS/ BAG	250 UNITS/ BAG	500 UNITS/ BAG	1000 UNITS/ BAG	13000 UNITS/ BOX
0.5	000700	000710			000730			000740	
1.2	000800	000805		000815				000840	
2.0	001000	001005	001010	001020	001030	001035		001040	001041
3.0	001150			001155				001159	
4.0	001200	001205	001210	001220	001230	001233		001240	
8.0	001400	001405	001410	001420	001430	001440		001450	
12.0	001470	001475			001480			001495	
15.0	003010							003030	

Missing catalog numbers available upon request

PCJ Dripper - With AI (anti-insects) assembly cap

Catalog number 21500 - (any of below 6 digits)

FLOW RATE (L/H)	1 UNIT
2.0	004300
3.0	
4.0	
8.0	004330



PCJ dripper with AI assembly cap

PCJ dripper 4 mm barb outlet

Catalog number 21500 - (any of below 6 digits)

FLOW RATE (L/H)	1 UNIT	10 UNITS/ BAG	25 UNITS/ BAG	50 UNITS/ BAG	100 UNITS/ BAG	250 UNITS/ BAG	500 UNITS/ BAG	1000 UNITS/ BAG	12000 UNITS/ BOX
0.5									
1.2	001600								
2.0									
3.0									
4.0	002100								
8.0	002300								
12.0	002400					002440			
15.0	003020					003040			

Missing catalog numbers available upon request

PCJ dripper Nipple outlet

Catalog number 21500 - (any of below 6 digits)

FLOW RATE (L/H)	1 UNIT	10 UNITS/ BAG	25 UNITS/ BAG	50 UNITS/ BAG	100 UNITS/ BAG	250 UNITS/ BAG	500 UNITS/ BAG	1000 UNITS/ BAG	12000 UNITS/ BOX
0.5	001042	001045		001046					
1.2	001050	001057		001060				001090	
2.0	001100	001110	001112	001115	001130	001140		001145	
3.0	001160							001190	
4.0	001300	001310	001315	001320	001330			001340	
8.0	001500	001510		001520	001530	001535		001540	
12.0	001560	001561		001562	001565			001575	
15.0	003400							003450	

Missing catalog numbers available upon request

PCJ-LCNL dripper 3 mm barb outlet

Catalog number 21520 - (any of below 6 digits)

FLOW RATE (L/H)	1 UNIT	10 UNITS/ BAG	25 UNITS/ BAG	50 UNITS/ BAG	100 UNITS/ BAG	250 UNITS/ BAG	500 UNITS/ BAG	1000 UNITS/ BAG	13000 UNITS/ BOX
0.5	000810				000820	000830		000840	
1.2	000900			000910	000920	000930		000940	000950
2.0	001000		001015	001020	001030	001040		001050	001051
3.0	001200			001210	001220	001230		001240	001250
4.0	001400		001410	001420	001430	001440		001450	001460
8.0	001600		001610	001620	001630	001640		001650	001660
12.0	001670		001680		001687	001690		001695	001698

Missing catalog numbers available upon request

PCJ-LCNL dripper 4 mm barb outlet

Catalog number 21520 - (any of below 6 digits)

FLOW RATE (L/H)	1 UNIT	10 UNITS/ BAG	25 UNITS/ BAG	50 UNITS/ BAG	100 UNITS/ BAG	250 UNITS/ BAG	500 UNITS/ BAG	1000 UNITS/ BAG	12000 UNITS/ BOX
0.5									
1.2									
2.0	003000		003020		003030	003040		003060	
3.0									
4.0	003400		003420		003430	003440		003460	
8.0	003600		003620		003630	003640		003660	
12.0	003700								

Missing catalog numbers available upon request

PCJ-LCNL dripper nipple outlet

Catalog number 21520 - (any of below 6 digits)

FLOW RATE (L/H)	1 UNIT	10 UNITS/ BAG	25 UNITS/ BAG	50 UNITS/ BAG	100 UNITS/ BAG	250 UNITS/ BAG	500 UNITS/ BAG	1000 UNITS/ BAG	12000 UNITS/ BOX
0.5	001052								
1.2	001060							001090	
2.0	001100			001120	001130	001140		001150	001155
3.0	001300			001310	001320			001340	
4.0	001500		001510	001520	001530	001540		001550	001560
8.0	001700		001710	001720	001730	001740		001750	001760
12.0	001770					001780		001795	

Missing catalog numbers available upon request

PCJ-HCNL dripper 3 mm barb outlet

Catalog number 21520 - (any of below 6 digits)

FLOW RATE (L/H)	1 UNIT	10 UNITS/ BAG	25 UNITS/ BAG	50 UNITS/ BAG	100 UNITS/ BAG	250 UNITS/ BAG	500 UNITS/ BAG	1000 UNITS/ BAG	13000 UNITS/ BOX
0.5	003870							003890	
1.2	004100					004130		004150	
2.0	004400			004410				004440	004450
3.0	004700							004740	
4.0	005000			005010				005040	

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PCJ-HCNL dripper 4 mm barb outlet

Catalog number 21520 - (any of below 6 digits)

FLOW RATE (L/H)	1 UNIT	10 UNITS/ BAG	25 UNITS/ BAG	50 UNITS/ BAG	100 UNITS/ BAG	250 UNITS/ BAG	500 UNITS/ BAG	1000 UNITS/ BAG	12000 UNITS/ BOX
0.5									
1.2									
2.0									
3.0									
4.0									

Missing catalog numbers available upon request

PCJ-HCNL dripper Nipple outlet

Catalog number 21520 - (any of below 6 digits)

FLOW RATE (L/H)	1 UNIT	10 UNITS/ BAG	25 UNITS/ BAG	50 UNITS/ BAG	100 UNITS/ BAG	250 UNITS/ BAG	500 UNITS/ BAG	1000 UNITS/ BAG	12000 UNITS/ BOX
0.5	003850								
1.2	004000							004040	
2.0	004300							004350	
3.0	004600							004640	
4.0	004900				004910			004950	

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