

PCJ™ PRO On-Line Dripper

A compact, pressure compensated, continuously self-flushing dripper. Ideal for growers who seek uniform and precise irrigation under difficult water quality conditions and intensive irrigation scenarios. Suitable for greenhouses, nurseries, other protected crops, and agriculture.



Compact
size



Pressure-
compensated



Anti-drain
mechanism
(optional)

/ Benefits & Features

- **Pressure-Compensated** Precise and equal amounts of water delivered over a broad pressure range, ensuring exact distribution of water and nutrients along the laterals.
- **Anti-drain Mechanism** Eliminates drainage and refill effect, and improves efficiency in pulse irrigation even in steep topography. Pressure compensating non-leak in both low- and high-pressure options (LCNL and HCNL).
- **Continuously Self-Flushing** Flushes debris throughout irrigation cycle, while ensuring constant dripper operation even in challenging water qualities. Constructed with a 20% larger regulation chamber to make flushing even more efficient.
- **TurboNet™ Technology** Improved Labyrinth with wider water passages to increase turbulence and flushing efficiency. Water is drawn into the dripper from the stream center, protecting against the entrance of sediment.
- **Versatile** Multiple outlet type options make this dripper compatible in stand-alone installations as well as single and multiple outlet spider assemblies.
- **Improved Filtration** Unmatched clogging resistance with a 40% larger filtration area than leading competitor.

/ Specifications

- ✓ Variety of flows and pressure compensation ranges available.
- ✓ Recommended filtration: 130 micron / 120 mesh*
- ✓ TurboNet™ labyrinth with large water passage.
- ✓ Injected dripper, very low CV with injected silicon diaphragm.
- ✓ High UV resistant. Resistant to standard chemicals used in agriculture.
- ✓ Meets ISO 9261 Standards with Israel Standard Institute (SII)-certified production.
- ✓ Different Outlets: 3mm straight or angled barb, 4mm straight barb, nipple (press-fit)

*Select filtration method based on the kind and concentration of particles in the water. Wherever sand exceeding 2 ppm is present, a Hydrocyclone should be installed before the main filter. Where sand/silt/clay solids exceed 100 ppm, Netafim pre-treatment instructions should be followed.

→ Drippers Technical Data

PCJ™ PRO drippers

Flow rate* (gph)	Working pressure range (psi)	Water passages dimensions width-depth-length (in)	Filtration area (in ²)	Constant K	Exponent* X	Base code color	Cap color Code
0.32	7-58	0.028 x 0.033 x 1.54	0.11	0.32	0	Brown	Black
0.53		0.037 x 0.033 x 1.54	0.11	0.53	0	Red	Black

*Within working pressure range

→ Drippers Technical Data

PCJ™ PRO LCNL drippers

Flow rate* (gph)	Working pressure range (psi)	Water passages dimensions width-depth-length (in)	Filtration area (in ²)	Constant K	Exponent* X	Shut off pressure (psi)	Base code color **	Cap color Code
0.32	10-58	0.028 x 0.033 x 1.54	0.11	0.32	0	2.2	Brown	Black
0.53		0.037 x 0.033 x 1.54	0.11	0.53	0	2.2	Red	Black

*Within working pressure range

**PCJ™ PRO LCNL is distinguished by the rings around the barb water inlet connector

→ Ordering Information

PCJ-PRO Anti Siphon 3mm Barb Outlet 7.25-58 PSI

Item Number	Model Number	Description	Nominal Flow GPH
21631-000140	PRO1.2-3B-1000	PCJ-PRO AS 1.2L/H0.32GPH BRB3 1000/BAG	0.32
21631-000150	PRO1.2-3B-250	PCJ-PRO AS 1.2L/H0.32GPH BRB3 250/BAG	0.32
	PRO1.2-3B-CA	PCJ-PRO AS 1.2L/H0.32GPH BRB3 6500/CASE	0.32
21631-000160	PRO2-3B-1000	PCJ-PRO AS 2.0L/H0.53GPH BRB3 1000/BAG	0.53
21631-000170	PRO2-3B-250	PCJ-PRO AS 2.0L/H0.53GPH BRB3 250/BAG	0.53
	PRO2-3B-CA	PCJ-PRO AS 2.0L/H0.53GPH BRB3 6500/CASE	0.53



Straight barb
3 mm

PCJ-PRO LCNL 3mm Barb Outlet 10.2-58 PSI (2.2 PSI shut off Pressure)

Item Number	Model Number	Description	Nominal Flow GPH
21632-000220	PROL1.2-3B-1000	PCJ-PRO LCNL 1.2L/H0.32GPH BRB3 1000/BAG	0.32
21632-000230	PROL1.2-3B-250	PCJ-PRO LCNL 1.2L/H0.32GPH BRB3 250/BAG	0.32
	PROL1.2-3B-CA	PCJ-PRO LCNL 1.2L/H0.32GPH BRB3 6500/CASE	0.32
21632-000280	PROL2-3B-1000	PCJ-PRO LCNL 2.0L/H0.53GPH BRB3 1000/BAG	0.53
21632-000290	PROL2-3B-250	PCJ-PRO LCNL 2.0L/H0.53GPH BRB3 250/BAG	0.53
	PROL2-3B-CA	PCJ-PRO LCNL 2.0L/H0.53GPH BRB3 6500/CASE	0.53



Straight barb
3 mm

PCJ-PRO LCNL Nipple Outlet 10.2-58 PSI (2.2 PSI shut off Pressure)

Item Number	Model Number	Description	Nominal Flow GPH
21632-000240	PROL1.2-N-1000	PCJ-PRO LCNL 1.2L/H0.32GPH NIP 1000/BAG	0.32
21632-000250	PROL1.2-N-250	PCJ-PRO LCNL 1.2L/H0.32GPH NIP 250/BAG	0.32
	PROL1.2-N-CA	PCJ-PRO LCNL 1.2L/H0.32GPH NIP 6500/CASE	0.32
21632-000300	PROL2-N-1000	PCJ-PRO LCNL 2.0L/H0.53GPH NIP 1000/BAG	0.53
21632-000310	PROL2-N-250	PCJ-PRO LCNL 2.0L/H0.53GPH NIP 250/BAG	0.53
	PROL2-N-CA	PCJ-PRO LCNL 2.0L/H0.53GPH NIP 6500/CASE	0.53



Nipple
(press fit)

PCJ-PRO 3mm Barb Angled Outlet 10.2-58 PSI (2.2 PSI shut off Pressure)

Item Number	Model Number	Description	Nominal Flow GPH
21632-000200	PROL1.2-3ANG-1000	PCJ-PRO LCNL 1.2L/H0.32GPH 3ANG 1000/BAG	0.32
21632-000210	PROL1.2-3ANG-250	PCJ-PRO LCNL 1.2L/H0.32GPH 3ANG 250/BAG	0.32
	PROL1.2-3ANG-CA	PCJ-PRO LCNL 1.2L/H0.32GPH 3ANG 5000/CASE	0.32
21632-000260	PROL2-3ANG-1000	PCJ-PRO LCNL 2.0L/H0.53GPH 3ANG 1000/BAG	0.53
21632-000270	PROL2-3ANG-250	PCJ-PRO LCNL 2.0L/H0.53GPH 3ANG 250/BAG	0.53
	PROL2-3ANG-CA	PCJ-PRO LCNL 2.0L/H0.53GPH 3ANG 5000/CASE	0.53



Angled barb
3 mm

→ Drippers Package Data

Model	Quantity p/box (units)	Box dimensions (in x in x in)	Average box weight (lb)
PCJ™ PRO drippers (straight barb 3 and 4 mm and nipple outlet)	6500	14x14x10	8.8
PCJ™ PRO drippers (angled barb 3 mm outlet)	5000	14x14x10	6.8

→ Micro Tubing Selection Guide

Outlet Type	Nominal Diameter (mm)
3mm Barb	3 x 5
4mm Barb	4 x 6.5