

TECHFLOW™ JUNIOR CNL

PRESSURE-COMPENSATING, ON-LINE DRIPPER



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CONTINUOUSLY SELF-CLEANING POINT SOURCE DRIPPERS
WITH INTERNAL ANTI-SIPHON AND ANTI-DRAINAGE SYSTEM



APPLICATIONS

- Slopes and high wind areas
- Shrubs, trees irrigation
- Curved, narrow and unshaped planting areas
- Roof gardens
- Planters, pots, baskets

SPECIFICATIONS

- Flow rates : 2.0, 3.0 and 4.0 l/h.
- Pressure compensating range: 0.7 to 4.0 bar
- Shut-off pressure: 0.12 bar
- Anti-siphon mechanism
- Anti-drain mechanism
- Recommended filtration: 120 mesh

FEATURES & BENEFITS

- Netafim's pressure compensated system ensures precise distribution of water and nutrients
- Continuously self-flushing system, improved resistance to clogging
- Anti-drain (CNL) system eliminates drainage and refill effect; improves efficiency in pulse irrigation
- Anti-siphon operation prevents contaminants from being drawn into dripper
- Special model, In-line dripper, fit 4 mm. micro-tube
- Dripper with dual barb outlet for inline irrigation
- Number of drippers can be raised to increase water quantity supply and meet the tree's growth rate requirements
- Allows installation of "spider assembly", splitting the drip supply into several drip outlets



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Techflow™ Junior CNL • Drippers technical data

FLOW RATE L/H	WORKING PRESSURE RANGE (BAR)	WATER PASSAGE DIMENSIONS (MM)			FILTRATION AREA (MM ²)	CONSTANT K	EXPONENT* X	SHUT OFF PRESSURE (BAR)
		WIDHT	DEPHT	LENGTH				
2.0	0.7 - 4.0	1.03	0.75	35	2.0	2.0	0	0.12
3.0	0.7 - 4.0	1.03	1.08	35	2.0	3.0	0	0.12
4.0	0.7 - 4.0	1.32	0.95	35	2.0	4.0	0	0.12

*Within working pressure range.

Techflow™ Junior CNL • Max. lateral length • I.D. Ø 13.20 • Inlet pressure 2.0 bar

DRIPPER FLOW RATE (L/H.)	SPACING BETWEEN DRIPPERS(M)			
	0.6	0.8	1.0	2.0
2.0	164	201	235	376
3.0	126	155	181	290
4.0	105	129	151	242

Calculated on a plain area. Minimum pressure considered: 1.0 bar. Fit other pipes diameters.
For more information, please contact Netafim™ technical support

Techflow™ Junior CNL • Barb model • Ordering guide • Catalog number 21520 - (any of below 6 digits)

FLOW RATE (L/H)	1 UNIT	50 UNITS/BAG	100 UNITS/BAG
2.0	002100	002120	002130
3.0	002300	002350	
4.0	002500	002520	002530

Missing catalog numbers available upon request.

Techflow™ Junior CNL • Nipple model • Ordering guide • Catalog number 21520 - (any of below 6 digits)

FLOW RATE (L/H)	1 UNIT	50 UNITS/BAG	100 UNITS/BAG
2.0	002200		
3.0	002400		
4.0	002600		

Missing catalog numbers available upon request.

Techflow™ Junior CNL • In-line model, barb outlet • Catalog number 21600 - (any of below 6 digits)

FLOW RATE (L/H)	1 UNIT	50 UNITS/BAG	100 UNITS/BAG
2.0	001800	001815	001820
3.0	001900	001920	
4.0	002000	002015	002020

Missing catalog numbers available upon request.

Techflow™ Junior CNL • Dripperline package data

	QUANTITY P/BOX (UNITS)	BOX DIMENTIONS (CM. X CM. X CM.)	BOX WEIGHT (KG.) AVERAGE
Barb and Nipple model	13000	57 x 28 x 27	14.3