

# TECHFLOW™ CNL

PRESSURE-COMPENSATING, ON-LINE DRIPPER





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PRESSURE-COMPENSATING, ON-LINE DRIPPER  
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, 4.0 and 8.5 l/h.
- Pressure compensating range: 1.0 to 4.0 bar
- Shut-off pressure : 0.15 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
- Basis code color to easily identification of flow rates
- Dripper can be positioned exactly where required
- 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™ CNL • Drippers technical data

FLOW RATE L/H	WORKING PRESSURE RANGE (BAR)	WATER PASSAGE DIMENSIONS (MM)			FILTRATION AREA (MM <sup>2</sup> )	CONSTANT K	EXPONENT*	SHUT OFF PRESSURE (BAR)
		WIDHT	DEPHT	LENGTH				
2.0	1.0 – 4.0	1.17	1.07	61	2.0	2.0	0	0.15
4.0	1.0 – 4.0	1.32	1.40	60	2.0	4.0	0	0.15
8.5	1.0 – 4.0	1.60	1.60	17	2.0	8.5	0	0.15

\*Within working pressure range.

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

DRIPPER FLOW RATE (L/H.)	SPACING BETWEEN DRIPPERS(M)			
	0.5	1.0	2.0	3.0
2.0	144	235	376	492
4.0	92	151	242	318
8.5	57	93	150	198

Calculated on a plain area. Minimum pressure considered: 0.5 bar. Fit other pipes diameters.  
For more information, please contact Netafim™ technical support

### Techflow™ CNL • Flat model • Ordering guide • Catalog number **21000** - (any of below 6 digits)

FLOW RATE (L/H)	1 UNIT	50 UNITS/BAG	100 UNITS/BAG	250 UNITS/BAG	500 UNITS/BAG
2.0	001500	001520	001530	001540	
4.0	001600	001620	001630	001640	
8.5	001700	001720	001730	001740	001750

Missing catalog numbers available upon request.

### Techflow™ CNL • Nipple model • Ordering guide • Catalog number **21020** - (any of below 6 digits)

FLOW RATE (L/H)	1 UNIT	50 UNITS/BAG	100 UNITS/BAG	250 UNITS/BAG	500 UNITS/BAG
2.0	001300	001320	001330	001333	001335
4.0	001400	001420	001430	001433	001435
8.5	001500	001520	001530	001533	001535

### Techflow™ CNL • Dripperline package data

	QUANTITY P/BOX (UNITS)	BOX DIMENTIONS (CM. X CM. X CM.)	BOX WEIGHT (KG.) AVERAGE
Flat model	2500	57 x 28 x 27	18
Nipple model	2500	57 x 28 x 27	19