DripNet PC™ TWD & MWD

Integral compact pressure-compensated dripper, for semi-permanent drip applications, for growers who seek quick ROI. Ideal for field crops in complex topography.

→ 12125 - 12150 - 12200 - 12250 - 16125 - 16150 16200 - 16250 - 16008 - 22135 - 22150 - 22200 22250





Pressure-compensated

Drainage mechanism

Self-flushing mechanism

Benefits & Features

→ **Pressure-compensated**
Precise and equal amounts of water delivered over a broad pressure range, ensuring 100% uniformity of water and nutrient distribution along the laterals.

→ **Drainage mechanism**
The dripper integrates a drainage mechanism that drains water from the pipe at the end of the irrigation cycle, to allow easier recoiling of the dripline at the end of the crop cycle. Also helps in countries where temperatures may drop below zero.

→ **Continuously self-flushing**
Flushes debris throughout operation, while ensuring constant dripper operation even in challenging water quality.

→ **Wide filtration area**
Ensures optimal performance even under harsh water conditions, preventing the entrance of sediment into the labyrinths.

→ **Wide water passages**
TurboNet™ labyrinth ensures wide water passages, large deep and wide cross-section that improves clogging resistance. The water is drawn into the dripper from the stream center, preventing the entrance of sediments into the drippers.

Specifications

- Pressure-compensated range according to table below.
- Recommended filtration: depending on dripper flow rate. 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 should be installed before the main filter. Where sand/silt/clay solids exceed 100 ppm, pre treatment it should be applied following Netafim™ expert instructions.
- TurboNet™ labyrinth with large water passage.
- Weldable into thin and medium wall driplines (0.31, 0.34, 0.38, 0.50, 0.63, 0.80 mm).
- Injected dripper, very low CV with injected silicon diaphragm.
- High UV resistant. Resistant to standard nutrients used in agriculture.
- Compliance ISO 9261 international standards.
- DripNet PC™ TWD driplines are available with hole or flap outlet. DripNet PC™ MWD can be available with flap outlet only in part of the wall thicknessess and in few markets, Please consult your local Netafim™ representative for availability.

→ Drippers technical data

Flow rate* (l/h)	Working pressure range (bar)	Water passages dimensions width-depth-length (mm)	Filtration area (mm^2)	Constant K	Exponent* X	Recommended filtration (micron)/(mesh)
0.40	0.25 - 2.5	0.46 x 0.52 x 26	29	0.40	0	130/120
0.60	0.25 - 2.5	0.52 x 0.60 x 22	39	0.60	0	130/120
1.00	0.40 - 3.0	0.61 x 0.60 x 8	39	1.00	0	130/120
1.60	0.40 - 3.0	0.76 x 0.73 x 8	39	1.60	0	200/80
2.00	0.40 - 3.5	0.76 X 0.88 x 8	39	2.00	0	200/80
3.00	0.40 - 3.5	1.02 x 0.88 x 8	39	3.00	0	200/80
3.50	0.60 - 3.5	1.02 x 0.88 x 8	39	3.50	0	200/80
3.80	0.60 - 3.5	1.02 x 0.88 x 8	39	3.80	0	200/80

* Within working pressure range

→ Driplines technical data

Model	Inside diameter (mm)	Wall thickness (mm)	Outside diameter (mm)	Max. working pressure (bar)	Max. flushing pressure (bar)	KD
12125	11.80	0.31	12.42	2.5	2.9	1.35
12150	11.80	0.38	12.56	3.0	3.5	1.35
12200	11.80	0.50	12.80	3.0	3.9	1.35
12250	11.80	0.63	13.06	3.0	3.9	1.35
16125	16.20	0.31	16.82	1.8	2.1	0.40
16150	16.20	0.38	16.96	2.2	2.5	0.40
16200	15.50	0.50	16.50	2.5	3.3	0.55
16250	15.50	0.63	16.76	2.8	3.6	0.55
16008	14.20	0.80	15.80	3.0	3.9	0.72
22135	22.20	0.34	22.88	1.5	1.7	0.18
22150	22.20	0.38	22.96	1.8	2.1	0.18
22200	22.20	0.50	23.20	2.0	2.3	0.18
22250	22.20	0.63	23.46	2.5	2.9	0.18

→ Driplines package data (on carton coil)

Model	Wall thickness (mm)	Distance between drippers (m)	Coil length (m)	Average* coil weight (kg)	Coils per pallet (units)	Coils in a 40 feet container (units)	Total in a 40 feet container (m)
12125	0.31	0.15 to 0.19	1000	17.5	12	480	480000
		0.20 to 0.25	1100	16.3			528000
		0.30 to 1.00	1200	15.6			576000
12150	0.38	0.15 to 0.19	800	14.8	12	480	384000
		0.20 to 0.35	900	14.5			432000
		0.40 to 1.00	900	14.0			432000
12200	0.50	0.15 to 0.19	750	17.1	12	480	360000
		0.20 to 0.35	850	17.4			408000
		0.40 to 1.00	850	16.9			408000
12250	0.63	0.15 to 0.19	650	19.5	12	480	312000
		0.20 to 0.25	700	20.4			336000
		0.30 to 1.00	800	19.1			384000
16125	0.31	0.15 to 0.19	1000	20.3	12	480	480000
		0.20 to 0.35	1150	21.3			552000
		0.40 to 1.00	1300	22.7			624000
16150	0.38	0.15 to 0.19	950	23.3	12	480	456000
		0.20 to 0.35	1100	24.2			528000
		0.40 to 1.00	1200	25.6			576000
16200	0.50	0.15 to 0.19	750	19.9	12	480	360000
		0.20 to 0.35	800	19.6			384000
		0.40 to 1.00	850	19.1			408000
16250	0.63	0.15 to 0.19	750	26.5	12	480	360000
		0.20 to 0.35	800	26.9			384000
		0.40 to 1.00	800	26.1			384000
16008	0.80	0.15 to 0.19	450	19.4	12	480	216000
		0.20 to 0.35	500	21.0			240000
		0.40 to 1.00	500	21.0			240000
22135	0.34	0.15 to 0.19	800	23.5	12	480	384000
		0.20 to 0.35	850	22.9			408000
		0.40 to 1.00	950	24.5			456000
22150	0.38	0.15 to 0.19	700	22.6	12	480	336000
		0.20 to 0.35	800	23.8			384000
		0.40 to 1.00	850	24.4			408000
22200	0.50	0.15 to 0.19	700	18.3	12	480	336000
		0.20 to 0.35	700	18.1			336000
		0.40 to 1.00	700	17.9			336000
22250	0.63	0.15 to 0.19	450	26.6	12	480	216000
		0.20 to 0.35	500	28.0			240000
		0.40 to 1.00	500	27.4			240000

* Calculated weight average. For further details see “Average Coil Weight Disclaimer”.

→ Catalog numbers

DripNet PC™ 12125

Catalog number 17200 - (any of below 6 digits)

Flow rate (l/h)	Distance between drippers (m)													
	0.15	0.20	0.25	0.30	0.35	0.40	0.50	0.60	0.65	0.70	0.75	0.80	0.90	1.00
0.40	000050	000070		000090										
0.60		001010		001390		001405	001450							
1.00	002850	003060		003220		003460		000001						
1.60				005242										
2.00							006500							
3.00														
3.50														
3.80														
Carton coil length (m)	1000	1100	1100	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200

Missing catalog numbers available upon request.

DripNet PC™ 12150

Catalog number 17220 - (any of below 6 digits)

Flow rate (l/h)	Distance between drippers (m)													
	0.15	0.20	0.25	0.30	0.35	0.40	0.50	0.60	0.65	0.70	0.75	0.80	0.90	1.00
0.40						000370	000390							
0.60				001190		001410	001450							
1.00		003095	003150	003225		003430	003470							
1.60				005210		005390	005530							
2.00						006440	006500							
3.00				007700										
3.50														
3.80														
Carton coil length (m)	800	900	900	900	900	900	900	900	900	900	900	900	900	900

Missing catalog numbers available upon request.

DripNet PC™ 12200

Catalog number 17240 - (any of below 6 digits)

Flow rate (l/h)	Distance between drippers (m)													
	0.15	0.20	0.25	0.30	0.35	0.40	0.50	0.60	0.65	0.70	0.75	0.80	0.90	1.00
0.40														
0.60				001230		001430								
1.00				003240		003430								
1.60				005230		005385								
2.00	007010													
3.00														
3.50														
3.80	008010													
Carton coil length (m)	750	850	850	850	850	850	850	850	850	850	850	850	850	850

Missing catalog numbers available upon request.

DripNet PC™ 12250

Catalog number 17260 - (any of below 6 digits)

Flow rate (l/h)	Distance between drippers (m)													
	0.15	0.20	0.25	0.30	0.35	0.40	0.50	0.60	0.65	0.70	0.75	0.80	0.90	1.00
0.40														000002
0.60				001210		001450	001530	001630						
1.00		003030		003230		003450	003550	003630				003850		
1.60		005030		005320		005440	005510	005630		005750				006050
2.00	006200					006460		006770		006800				007050
3.00						008050	008150							008750
3.50														
3.80	009810							010050				010450		
Carton coil length (m)	650	700	700	800	800	800	800	800	800	800	800	800	800	800

Missing catalog numbers available upon request.

DripNet PC™ 16125

Catalog number 17600 - (any of below 6 digits)

Flow rate (l/h)	Distance between drippers (m)													
	0.15	0.20	0.25	0.30	0.35	0.40	0.50	0.60	0.65	0.70	0.75	0.80	0.90	1.00
0.40														
0.60		001935		008228		008305	008410	008480						
1.00	000001	009870		010055	010185	010260	010455	010705			010730			
1.60		011980		012085	012115	012260	012510	012560						
2.00				013910	013936	014010	014150							
3.00														
3.50														
3.80														
Carton coil length (m)	1000	1150	1150	1150	1150	1300	1300	1300	1300	1300	1300	1300	1300	1300

Missing catalog numbers available upon request.

DripNet PC™ 16150

Catalog number 17620 - (any of below 6 digits)

Flow rate (l/h)	Distance between drippers (m)													
	0.15	0.20	0.25	0.30	0.35	0.40	0.50	0.60	0.65	0.70	0.75	0.80	0.90	1.00
0.40				007290			007320							
0.60	007650	007795	007830	007895	007940	008010	008210	000002						
1.00		009890		010125	010060	010220	010340	010435		010450	010705	010717	010727	010737
1.60		012710		012860		013110	013330	013530	013546	013551	013600	013622	013854	013858
2.00		000003		013887	013896	000006	013960	013980			014110	014116	014121	014126
3.00						015110	015310	016160			016171	016181	016186	016191
3.50														
3.80								018160						
Carton coil length (m)	950	1100	1100	1100	1100	1200	1200	1200	1200	1200	1200	1200	1200	1200

Missing catalog numbers available upon request.

DripNet PC™ 16200

Catalog number 17630 - (any of below 6 digits)

Flow rate (l/h)	Distance between drippers (m)													
	0.15	0.20	0.25	0.30	0.35	0.40	0.50	0.60	0.65	0.70	0.75	0.80	0.90	1.00
0.40		000150												
0.60	001600	001700		001900		001920	002100							
1.00		004090		004120	004200		004350							
1.60		005670				005750	005860							
2.00				007050		007070	007090				000002			
3.00														
3.50														
3.80														
Carton coil length (m)	750	800	800	800	800	850	850	850	850	850	850	850	850	850

Missing catalog numbers available upon request.

DripNet PC™ 16250

Catalog number 17640 - (any of below 6 digits)

Flow rate (l/h)	Distance between drippers (m)													
	0.15	0.20	0.25	0.30	0.35	0.40	0.50	0.60	0.65	0.70	0.75	0.80	0.90	1.00
0.40														
0.60				001360		001430	001500	002000		002100		002200		
1.00		003850	004020	004240	004260	004460	004640	004820	004870	005050	005080	005090	005150	005250
1.60	006550	006750	006850	007100	007140	007252	007355	007450	007550	007900	008055	008150	008200	008300
2.00		008570	008610	008617	008630	008700	008740	008790						009230
3.00		009900	010270	010300	010320	010400	010500	010650	010670	010740	010850	010900		012100
3.50														
3.80		013275	013285	013295			013500	013600			013700	013702		013900
Carton coil length (m)	750	800	800	800	800	800	800	800	800	800	800	800	800	800

Missing catalog numbers available upon request.

DripNet PC™ 16008

Catalog number 17646 - (any of below 6 digits)

Flow rate (l/h)	Distance between drippers (m)													
	0.15	0.20	0.25	0.30	0.35	0.40	0.50	0.60	0.65	0.70	0.75	0.80	0.90	1.00
0.40														
0.60														
1.00														
1.60				000001										
2.00														
3.00														
3.50														
3.80														
Carton coil length (m)	450	500	500	500	500	500	500	500	500	500	500	500	500	500

Missing catalog numbers available upon request.

DripNet PC™ 22135

Catalog number 17740 - (any of below 6 digits)

Flow rate (l/h)	Distance between drippers (m)													
	0.15	0.20	0.25	0.30	0.35	0.40	0.50	0.60	0.65	0.70	0.75	0.80	0.90	1.00
0.60				002160		008210	008420							
1.00				008600			008650							
1.60				010940		011010								
2.00											013020			
3.00														
3.50														
3.80														
Carton coil length (m)	800	850	850	850	850	950	950	950	950	950	950	950	950	950

Missing catalog numbers available upon request.

DripNet PC™ 22150

Catalog number 17760 - (any of below 6 digits)

Flow rate (l/h)	Distance between drippers (m)													
	0.15	0.20	0.25	0.30	0.35	0.40	0.50	0.60	0.65	0.70	0.75	0.80	0.90	1.00
0.60				008290		001710								
1.00						010130	010150							
1.60		011900				012010								
2.00														
3.00							014500							
3.50														
3.80														
Carton coil length (m)	700	800	800	800	800	850	850	850	850	850	850	850	850	850

Missing catalog numbers available upon request.

DripNet PC™ 22200

Catalog number 17781 - (any of below 6 digits)

Flow rate (l/h)	Distance between drippers (m)													
	0.15	0.20	0.25	0.30	0.35	0.40	0.50	0.60	0.65	0.70	0.75	0.80	0.90	1.00
0.60														
1.00														
1.60														
2.00														
3.00														
3.50														
3.80														
Carton coil length (m)	700	700	700	700	700	700	700	700	700	700	700	700	700	700

Missing catalog numbers available upon request.

DripNet PC™ 22250

Catalog number 17780 - (any of below 6 digits)

Flow rate (l/h)	Distance between drippers (m)													
	0.15	0.20	0.25	0.30	0.35	0.40	0.50	0.60	0.65	0.70	0.75	0.80	0.90	1.00
0.60			001100	001240		001365	001600							
1.00				002600		002800	003000	003130						003750
1.60				004100		004300	004500	000001				004850		000003
2.00														
3.00							006500							
3.50														
3.80														
Carton coil length (m)	450	500	500	500	500	500	500	500	500	500	500	500	500	500

Missing catalog numbers available upon request.