



DRIPWINE™

PRESSURE-COMPENSATING, CONTINUOUSLY SELF-CLEANING DRIPPER

APPLICATIONS

On-surface installation

Drip irrigation technology comprises the following features:

- Solid set system: each vine has its own individual drippers always ready for operation.
- Low application rate: low discharge rate of each dripper enables controlled application of minute volumes of water.
- Limited wetted area: only the ground under the dripper is wetted so there is no interference with any other operations in the vineyard, such as cultivating, spraying, etc.
- Universal design: the equipment is suitable for any topography, field layout, soil types, and water quality, as well as row and plant spacing.
- Reliable and precise: controlled delivery of water and, if necessary, soluble nutrients, either separately or as a mix.

Flexible installation:

- Attached to the trellising
- On-surface application

BENEFITS

Pressure compensating

- Precise and equal amounts of water are delivered over a broad pressure range.
- 100 % uniformity of water and nutrients distribution along the laterals.

Continuous self-flushing dripper design

- Flushes debris as it is detected, throughout operation, not just at the beginning or end of a cycle, ensuring uninterrupted dripper operation.

Unique dripper design with

- Largest filter in each dripper.
- Unique TurboNet™ flow path.
- Widest water passages within the dripper.

Assembled clip for trellising

- Optional, dripperline with a special clip in factory assembled, reduce cost and labor time.

Dripper position within the dripperline

- The water is drawn in to the dripper from the stream center, preventing the entrance of sediments in to the drippers.

UV resistant

- Withstands heat and direct sun.



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DRIPWINE™ DRIPPERS TECHNICAL DATA

FLOW RATE (L/H.)	WORKING PRESSURE RANGE (BAR)	WATER PASSAGES DIMENSIONS (MM X MM X MM)	FILTRATION AREA (MM ²)	CONSTANT K	EXPONENT* X
0.6	0.25 - 2.5	0.52 x 0.60 x 22	39	0.6	0
1.0	0.40 - 3.0	0.61 x 0.60 x 8	39	1.0	0
1.6	0.40 - 3.0	0.76 x 0.73 x 8	39	1.6	0
2.0	0.40 - 3.5	0.76 x 0.85 x 8	39	2.0	0
3.0	0.40 - 3.5	1.02 x 0.88 x 8	39	3.0	0
3.8	0.60 - 3.5	1.02 x 0.88 x 8	39	3.8	0

*Whit in the working pressure range

DRIPWINE™ DRIPPERLINES TECHNICAL DATA

MODEL	INSIDE DIAMETER (MM.)	WALL THICKNESS (MM.)	OUTSIDE DIAMETER (MM.)	MAXIMUM WORKING PRESSURE (BAR)	KD	MAXIMUM FLUSHING PRESSURE (BAR)
16010	14.20	1.0	16.20	3.5	1.3	4.6
16012	14.20	1.2	16.60	4.0	1.3	5.2
20012	17.50	1.2	19.90	4.0	0.4	5.2

MAXIMUM LATERAL LENGTH

DRIPWINE™ 16010 and 16012 • I.D. Ø 14.20 mm • Inlet pressure 2.5 bar

FLOW RATE (L/H)	DISTANCE BETWEEN DRIPPERS (M)						
	0.4	0.5	0.6	0.7	0.8	0.9	1.0
0.6 l/h.	355	425	490	551	609	664	718
1.0 l/h.	255	305	352	396	438	478	517
1.6 l/h.	188	225	259	292	323	353	382
2.3 l/h.	162	195	224	253	280	306	331
3.0 l/h.	125	150	173	195	215	236	255
3.8 l/h.	107	128	148	167	185	203	219

Calculated on a plain area. Minimum pressure considered: 0.4 bar.
For more information, please contact Netafim™ technical support.

DRIPWINE™ 20012 • I.D. Ø 17.50 mm • Inlet pressure 2.5 bar

FLOW RATE (L/H)	DISTANCE BETWEEN DRIPPERS (M)						
	0.4	0.5	0.6	0.7	0.8	0.9	1.0
0.6 l/h.	564	665	757	845	928	1006	1082
1.0 l/h.	406	478	545	608	668	725	780
1.6 l/h.	299	353	403	450	494	536	577
2.3 l/h.	259	306	349	390	428	465	500
3.0 l/h.	200	236	269	300	330	359	386
3.8 l/h.	171	203	231	258	284	309	332

Calculated on a plain area. Minimum pressure considered: 0.4 bar.
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ORDERING GUIDE

DRIPWINE™ 16010 • Catalog number **17675** - (any of below 6 digits)

FLOW RATE (L/H)	DISTANCE BETWEEN DRIPPERS (M)							
	0.40	0.50	0.60	0.70	0.75	0.80	0.90	1.00
0.6								
1.0					003700			004000
1.6					006200			006500
2.3								
3.0								
3.8								
BUNDLED COIL LENGTH (M)	500	500	500	500	500	500	500	500

Missing catalog numbers available upon request

Other dripeprlines diameters and/or wall thicknesses, with or without assembled clip, available upon request