

Ram™

20010, 20012

For row crops, citrus, deciduous & tree irrigation

- TurboNet™ labyrinth with large water passages
- Working pressure: 0.5 to 4.0 bar
- Injected dripper – very low CV
- PC system, patented pressure differential system, maintains uniform flow rate at different inlet working pressure, ensuring exact distribution of water and fertilizers
- Self flushing system, with filtration element for improved resistance to clogging



Ram™ facets



EPDM diaphragm

Large, deep and wide cross-section improves clogging resistance



PC system ensuring exact flow rate in all field conditions.

Injection molded dripper construction, ensuring uniform drippers and very low CV

Drippers technical data

Flow rate (l/h.)	Working pressure range (bar)	Water passages dimensions			Filtration area (mm ²)	Constant K	Exponent* X
		Width (mm.)	Depth (mm.)	Length (mm.)			
1.60	0.5 - 4.0	1.00	0.80	22	7	1.6	0.0
2.30	0.5 - 4.0	1.15	0.95	22	8	2.3	0.0

* within working pressure range

Dripperlines technical data

Model	Inside diameter (mm.)	Wall Thickness (mm.)	Outside diameter (mm.)	Max. working pressure (bar)	KD
20010	17.45	1.0	19.45	3.5	0.3
20012	17.50	1.2	19.90	4.0	0.3

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Performance Data

Ram™ 20010 - I.D. 17.45 mm. - Inlet pressure 3.0 bar

Maximum lateral length (meter) - spacing between drippers (meter)

Flow rate (l/h.)	Spacing between drippers (m.)						
	0.2	0.3	0.4	0.5	0.6	0.75	1.00
1.6	180	249	312	369	422	496	608
2.3	142	197	246	292	334	392	481

Ram™ 20012 - I.D. 17.50 mm. - Inlet pressure 3.0 bar

Maximum lateral length (meter) - spacing between drippers (meter)

Flow rate (l/h.)	Spacing between drippers (m.)						
	0.2	0.3	0.4	0.5	0.6	0.75	1.00
1.6	180	249	312	369	422	496	608
2.3	142	197	246	292	334	392	481

For more information , please contact Netafim Technical Department or connect to our website at : www.netafim.com

Packaging Data

Ram™ on bundled coils	Wall thickness (mm.)	Distance between drippers (meter)	Coil length (meter)	Average coil weight* (kg.)	Coils in a 40 feet container (units)	Total in a 40 feet container (meter)
20010	1.0	0.20 to 1.00	300	17.0	352	105600
20012	1.2	0.20 to 1.00	300	19.8	352	105600

* According to drippers spacing