

# Ram™

## 17009, 17010, 17012

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 <sup>2</sup> )	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
17009	14.40	0.9	16.20	3.0	1.1
17010	14.40	1.0	16.40	3.5	1.1
17012	14.60	1.2	17.00	4.0	1.0

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### Performance Data

#### Ram™ 17009 - I.D. 14.40 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	102	147	188	227	264	317	396
2.3	80	116	148	179	208	250	313

#### Ram™ 17010 - I.D. 14.40 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	102	147	188	227	264	317	396
2.3	80	116	148	179	208	250	313

#### Ram™ 17012 - I.D. 14.60 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	106	153	196	236	274	328	409
2.3	84	120	154	186	216	259	324

For more information , please contact Netafim Technical Department or connect to our website at : [www.netafim.com](http://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)
17009	0.9	0.20 to 1.00	500	21.0	330	165000
17010	1.0	0.20 to 1.00	500	22.9	330	165000
17012	1.2	0.20 to 1.00	400	22.0	352	140800

\* According to drippers spacing

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