UniWine™ RC

Integral pressure-compensated, continuously self-flushing dripper, ideal for permanent on surface vineyard applications in freezing climates.

→ 16010 - 20012

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.
→ Physical root barrier	Better protection against root intrusion, utilizing unique dripper design that creates physical barriers protecting the dripper from root growth into its labyrinth.
→ 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.
→ Anti-migration ring	Optional, assembled anti-migration ring, helpful for hanging the driplines on metal wires.
→ Hybrid (optional)	 New patented add-on to UniRam™, features an on line saddle that allows to combine the benefits of an integral dripper to connect Netafim™ press fit adaptors and prevents drop migration on slops in certain conditions*.

*Please contact your Netafim™ local representative to get more information on the drop migration feature.

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NETAFIM™

Specifications

- Pressure-compensated range: 0.5 - 4.0 bar.
- Largest filter in the industry. 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.
- Double TurboNet™ labyrinth with large water passage.
- Weldable into thick wall driplines (1.00, 1.20 mm).
- Injected dripper, very low CV with injected silicon diaphragm.
- UV resistant. Resistant to standard nutrients used in agriculture.
- Compliance ISO 9261 international standards.
- Two violet stripes for easy identification.

→ 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)
0.70	0.5 - 4.0	0.70 x 0.65 x 40	110	0.70	0	130/120
1.00		0.83 x 0.74 x 40	130	1.00	0	130/120
1.60		1.09 X 0.76 x 40	130	1.60	0	200/80
2.30		1.26 x 0.93 x 40	130	2.30	0	200/80
3.50		1.59 x 1.07 x 40	150	3.50	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
16010	14.20	1.00	16.20	3.5	4.6	1.30
20012	17.50	1.20	19.90	4.0	5.2	0.40

→ Driplines package data (on bundled coil) with assembly anti-migration rings

Model	Wall thickness (mm)	Distance between drippers (m)	Coil length (m)	Average* coil weight (kg)	Coils in a 40 feet container (units)	Total in a 40 feet container (m)
16010	1.00	0.15 to 1.00	300	13.5	330	99000
20012	1.20	0.15 to 1.00	300	19.3	330	99000

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

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