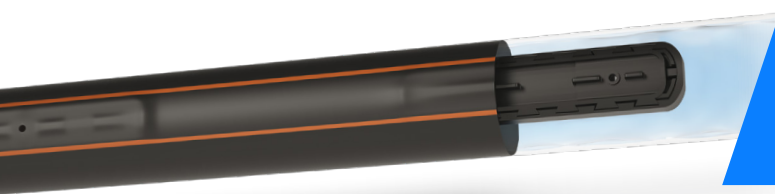


UniRam™ RC

Integral pressure-compensated, continuously self-flushing dripper, ideal for permanent (10 or more seasons) row crops applications, for easy retrieval at the end of the crop cycle.

→ 16009 - 16010 - 16012 - 17012 - 20010 - 20012 - 23010



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.
- **TurboNet™** Labyrinth ensures wide water passages, to increase flushing efficiency. The water is drawn into the dripper from the stream center, preventing the entrance of sediment into the drippers.

/ Specifications

- ✓ Pressure-compensated range according to table below.
- ✓ 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 shall be installed before the main filter. Where sand/silt/clay solids exceed 100 ppm, pre treatment shall be applied following Netafim expert instructions.
- ✓ Double TurboNet™ labyrinth with large water passage.
- ✓ Weldable into thick wall driplines (0.90, 1.00, 1.20 mm).
- ✓ Injected dripper, very low CV with injected silicon diaphragm.
- ✓ High UV resistant. Resistant to standard nutrients used in agriculture.
- ✓ Meets ISO 9261 Standards with Israel Standard Institute (SII)-certified production.

→ 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)
0.7	0.5 - 4.0	0.70 x 0.65 x 40	110	0.7	0	130/120
1.0	0.5 - 4.0	0.83 x 0.74 x 40	130	1.0	0	130/120
1.6	0.5 - 4.0	1.07 x 0.79 x 40	130	1.6	0	200/80
2.3	0.5 - 4.0	1.26 x 0.95 x 40	130	2.3	0	200/80
3.5	0.5 - 4.0	1.59 x 1.10 x 40	150	3.5	0	200/80

* Within working pressure range

→ DRIPLINES TECHNICAL DATA

MODEL	INSIDE DIAMETER (MM)	WALL THICKNESS (MM)	OUTSIDE DIAMETER (MM)	MAX. WORKING PRESSURE (BAR)	MAXIMUM FLUSHING PRESSURE (BAR)	KD
16009	14.20	0.90	16.00	3.0	3.9	1.30
16010	14.20	1.00	16.20	3.5	4.6	1.30
16012	14.20	1.20	16.60	4.0	5.2	1.30
17012	14.60	1.20	17.00	4.0	5.2	1.10
20010	17.50	1.00	19.50	3.5	4.6	0.40
20012	17.50	1.20	19.90	4.0	5.2	0.40
23010	20.80	1.00	22.80	3.0	3.5	0.30

→ DRIPLINES PACKAGE DATA (ON BUNDLED COIL) **

MODEL	WALL THICKNESS (MM)	COIL LENGTH (M)	DISTANCE BETWEEN DRIPPERS (M)	AVERAGE* COIL WEIGHT (KG)	COILS IN A 40 FEET CONTAINER (UNITS)	TOTAL IN A 40 FEET CONTAINER (M)
16009	0.90	500	0.15 to 1.00	20.3	330	165000
16010	1.00	500	0.15 to 1.00	22.1	330	165000
16012	1.20	400	0.15 to 1.00	21.2	352	140800
17012	1.20	400	0.15 to 1.00	22.4	352	140800
20010	1.00	300	0.15 to 1.00	17.4	330	99000
20012	1.20	300	0.15 to 1.00	20.2	330	99000
23010**	1.00	200	0.15 to 0.25	14.7	480	96000
		300	0.30 to 1.00	20.7		144000

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

** Dripline model 23010 on carton coil