



GYRONET™ LR & LRD

LONG RANGE & LONG RANGE WITH DEFLECTOR

APPLICATIONS:

Irrigation of tree plantations with large root volumes.

SPECIFICATIONS:

- LR means a revolving rotor irrigating a large area.
- LRD stream deflector concentrates all the water in the area surrounding the young tree during the initial growing period. When the tree grows, the stream deflector can be broken off, thus enabling extended irrigation diameter.
- Micro-sprinkler, 10 different flow rates: 27, 40, 58, 70, 90, 120, 150, 200, 250, 300 l/h
Nominal flow rates at 1.7 bar pressure.
- Recommended filtration : 200 micron / 80 mesh
Filtration method is to be selected based on the kind and concentration of the dirt particles existing in the water. Wherever sand exceeding 2 ppm exists in the water, a Hydrocyclon filter is to be installed before the main filter. When sand/ silt/ clay solids exceed 100ppm, pre treatment will be applied according to Netafim™ expert team's instructions.
- Maximum recommended working pressure: 2.5 bar.
- 3 types of inlet connectors:
 - Self tapping
 - Press fit
 - 3/8" male threaded
- 2 types of upper bearing
 - Standard - for normal water
 - Everspin™ - for harsh conditions
- The rotor is colored purple for flows 27 and 40 l/h. , black for flows of 50 to 120 l/h. and gray for flows of 150 to 300 l/h.

FEATURES AND BENEFITS:

- Anti-ant mechanism prevents insect penetration into the area of the micro-sprinklers nozzle.
- Micro-sprinkler made of plastic materials resistant to all agrochemicals & weather conditions.
- Specially designed for fruit trees, orchards, deciduous and other tree crops.
- Can be used in Frost fighting and/or Cooling irrigation systems.
- Long-term reliable service:
 - Simple, modular parts.

PERFORMANCE DATA

MODEL	NOZZLE CODE COLOR	NOZZLE SIZE (MM.)	CONSTANT K	EXPONENT X	MAXIMUM WORKING PRESSURE (BAR)	WETTED DIAMETER (M.)		SWIVEL (ROTOR) CODE COLOR
						LR 20 CM. ABOVE GROUND	LRD 20 CM. ABOVE GROUND	
027	Brown	0.75	6.7	0.5	2.5	4.0	1.5	Purple
040	Blue	0.90	9.4	0.5	2.5	5.5	1.5	Purple
058	Gray	1.10	13.5	0.5	2.5	7.0	1.5	Black
070	Black	1.20	17.4	0.5	2.5	7.0	2.0	Black
090	Orange	1.40	22.4	0.5	2.5	7.0	2.0	Black
120	Red	1.57	28.8	0.5	2.5	8.0	2.0	Black
150	Sky blue	1.77	37.5	0.5	2.5	8.5	N/A	Gray
200	Yellow	2.04	49.1	0.5	2.5	9.5	N/A	Gray
250	Purple	2.28	61.9	0.5	2.5	10.0	N/A	Gray
300	Green	2.48	73.2	0.5	2.5	11.0	N/A	Gray

PACKAGING DATA

GYRONET™ LR & LRD	QUANTITY P/BOX UNITS	BOX SIZE (CM. X CM. X CM.)	BOX WEIGHT (KG.)	BOXES P/PALLET	TOTAL UNITS P/PALLET	PALLET WEIGHT (KG.)
Head only	1100	28x28x57	13.5	32	35200	444
Complete stand (60 cm.) w/stake	100	18x34x79	6.3	20	2000	137
Complete stand (60 cm.) w/o stake	200	18x34x79	6.8	20	4000	144
Complete stand (90 cm.) w/stake	100	16x35x106	7.3	18	1800	140
Complete stand (90 cm.) w/o stake	150	16x35x106	7.8	18	2700	149

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Flowchart to determine the desired product definition

How to use: To determine the desired product definition select one of every set of options displayed on the chart.

