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.
- Maximum recommended working pressure: 2.5 bar.
- 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 Hydro-cyclone filter is to be installed before the main filter. When sand/ silt/ clay solids exceed 100 ppm, pre treatment will be applied according to Netafim™ expert team's instructions.
- 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 mitigation and/or Cooling irrigation systems.
- Long-term reliable service, simple, modular parts.

GYRONET™ TECHNICAL 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	1000	28 x 28 x 57	12.5	32	32000	412
Complete stand (60 cm) w/stake	100	18 x 34 x 79	6.3	20	2000	137
Complete stand (60 cm) w/o stake	250	18 x 34 x 79	7.1	20	5000	153
Complete stand (90 cm) w/stake	150	28 x 27 x 113	7.6	18	2700	147
Complete stand (90 cm) w/o stake	200	28 x 27 x 113	8.1	18	3600	155

GYRONET™ LONG RANGE & LONG RANGE WITH DEFLECTOR

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.

EMITTER		DISPERSION DEFLECTOR		HEAD INLET CONNECTOR		UPPER BEARING		FLOW		STAND ASSEMBLY		CONNECTOR TO LATERAL		ACCESSORIES	
GyroNet™	GYR	Long Range swivel	LR	Press fit male	MIC	Everspin™	ESUB	27 l/h	027	Head only	HEAD ONLY	Barb	BC	Stream splitter	SP
		Long Range with deflector	LRD	Self tapping	STIC	Standard	STUB	40 l/h	040	Head + 60 cm microtube + Stake	60CM W/STK	Press fit	PFC	AD valve 1.5/0.7 bar	AD15
				3/8" male threaded	3/8IC			58 l/h	058	Head + 60 cm microtube	60CM W/OSTK	3/8" conic press fit	3/8C		
								70 l/h	070	Head + 90 cm microtube + Stake	90CM W/STK				
								90 l/h	090	Head + 90 cm microtube	90CM W/OSTK				
								120 l/h	120	Head + XXX cm microtube + Stake	STL W/STK				
								150 l/h	150	Head + XXX cm microtube	STL W/OSTK				
								200 l/h	200						
								250 l/h	250						
								300 l/h	300						

*When selecting an undefined tube length, add the desired length in writing.

NETAFIM™
GROW MORE WITH LESS