



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 Hydrocyclone 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

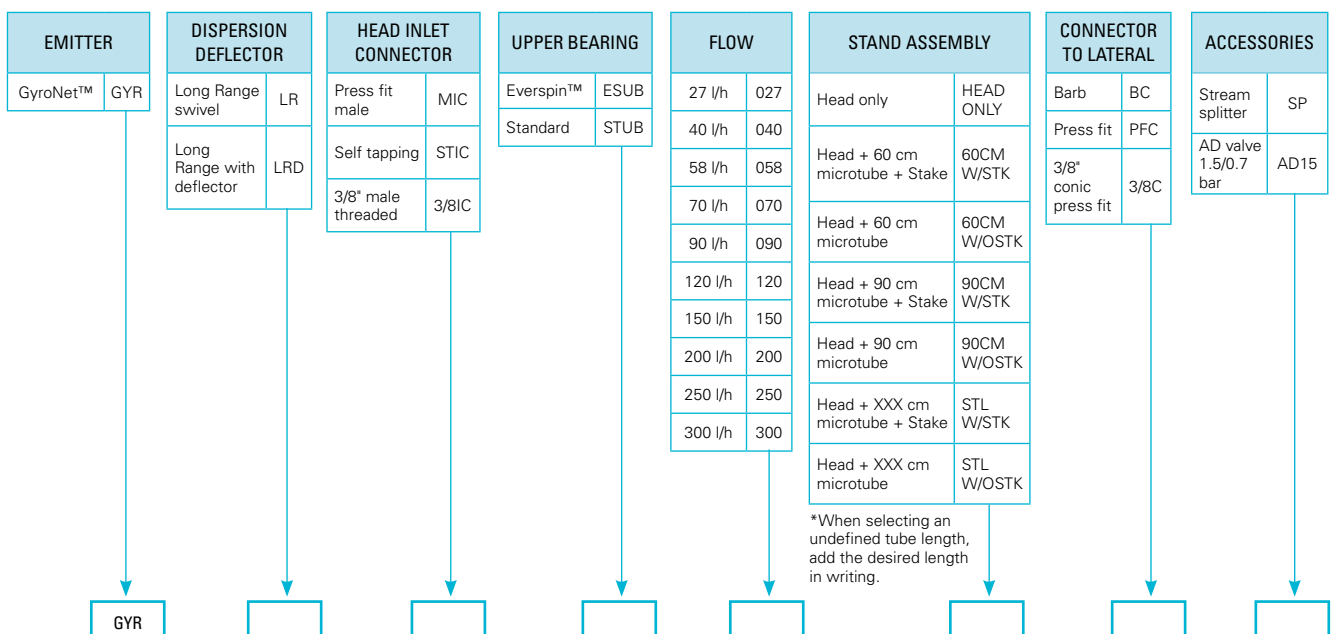
PACKAGING DATA

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

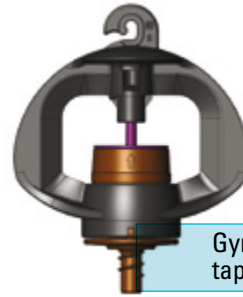
How to use: To determine the desired product definition select one of every set of options displayed on the chart.



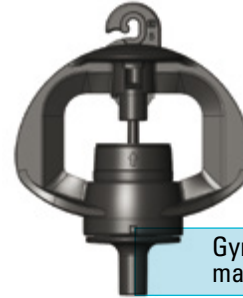
GYRONET™ LR

head only with Standard upper bearing
 Catalog number : **64000** - (any of below 6 digits)

MODEL	STIC	MIC	3/8IC
027	000800	020200	N/A
040	001000	020300	N/A
058	002260	021560	N/A
070	002300	021600	078400
090	003555	022855	
120	003600	022900	
150	012505	070000	
200	N/A	071500	079200
250	N/A	073000	
300	N/A	074500	



GyroNet™ LR STIC, self tapping inlet connector



GyroNet™ LR MIC, press fit, male inlet connector



GyroNet™ LR 3/8" male threaded inlet connector

GYRONET™ LR

head only with Everspin™ upper bearing
 Catalog number : **64000** - (any of below 6 digits)

Model	STIC	MIC	3/8IC
027	000805		N/A
040	001010		N/A
058	002262		N/A
070	002305		078420
090	003557	022930	
120	003610	022945	078820
150	012507	070010	
200	N/A	071100	
250	N/A	071250	
300	N/A	071400	

GYRONET™ LR assembly stands

Catalog number : **64000** - (any of below 6 digits)

MODEL	027	040	058	070	090	120	150	200	250	300
GYR LR STIC STUB XXX 60CM W/STK BC	000880	001400		002700	003575	004000		N/A	N/A	N/A
GYR LR STIC STUB XXX 60CM W/STK PFC		001300	002290	002600				N/A	N/A	N/A
GYR LR MIC STUB XXX 60CM W/STK BC		020700		022000		023300				
GYR LR MIC STUB XXX 60CM W/STK PFC				021900						
GYR LR STIC STUB XXX 90CM W/STK BC			002296	003100				N/A	N/A	N/A
GYR LR STIC STUB XXX 90CM W/STK PFC		001700						N/A	N/A	N/A
GYR LR MIC STUB XXX 90CM W/STK BC		021100								
GYR LR MIC STUB XXX 90CM W/STK PFC		021000		022300	022854	023600				

Catalog number : **64000** - (any of below 6 digits)

MODEL	027	040	058	070	090	120	150	200	250	300
GYR LR STIC STUB XXX 60CM W/OSTK BC		001200		002500	003570			N/A	N/A	N/A
GYR LR STIC STUB XXX 60CM W/OSTK PFC	000850	001100	002280	002400	003578	003700	004853	N/A	N/A	N/A
GYR LR MIC STUB XXX 60CM W/OSTK BC										
GYR LR MIC STUB XXX 60CM W/OSTK PFC										
GYR LR STIC STUB XXX 90CM W/OSTK BC			002295	003110	003578	004200		N/A	N/A	N/A
GYR LR STIC STUB XXX 90CM W/OSTK PFC								N/A	N/A	N/A
GYR LR MIC STUB XXX 90CM W/OSTK BC				022200						
GYR LR MIC STUB XXX 90CM W/OSTK PFC				022100		023640				

Missing catalog numbers available upon request.

Background color defines the code color of the respective swivel. All assembly stands include 4*6.5 mm black SPE micro-tube.

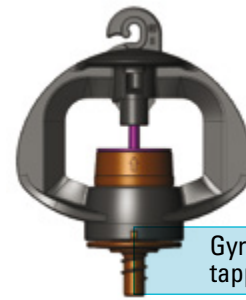
Other stand combinations can be ordered based on the attached flowchart which can help determine the desired product requirement.

GYRONET™ LRD

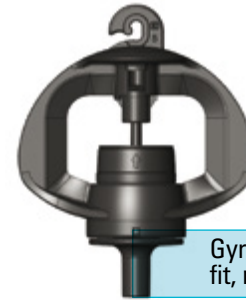
head only with Standard upper bearing

Catalog number : **64000** - (any of below 6 digits)

MODEL	STIC	MIC	3/8IC
027	004860	024175	N/A
040	004900	024200	N/A
058	006110	025410	N/A
070	006150	025450	079400
090	007355	026655	079600
120	007400	026700	079800
150	008605		080000
200	N/A		080200
250	N/A		079850
300	N/A		079860



GyroNet™ LRD STIC, self tapping inlet connector



GyroNet™ LRD MIC, press fit, male inlet connector



GyroNet™ LRD 3/8" male threaded inlet connector

GYRONET™ LRD

head only with Everspin™ upper bearing

Catalog number : **64000** - (any of below 6 digits)

Model	STIC	MIC	3/8IC
027	004865	024176	N/A
040	004910	024210	N/A
058	006112	025411	N/A
070	006155	025460	079420
090	007357	026656	079620
120	007410	026710	079820
150	012506		080020
200	N/A		080220
250	N/A		N/A
300	N/A		N/A

GYRONET™ LRD assembly stands

Catalog number : **64000** - (any of below 6 digits)

MODEL	027	040	058	070	090	120	150	200	250	300
GYR LRD STIC STUB XXX 60CM W/STK BC								N/A	N/A	N/A
GYR LRD STIC STUB XXX 60CM W/STK PFC								N/A	N/A	N/A
GYR LRD MIC STUB XXX 60CM W/STK BC	024180	024600	025415	025850	026657	027100				
GYR LRD MIC STUB XXX 60CM W/STK PFC										
GYR LRD STIC STUB XXX 90CM W/STK BC								N/A	N/A	N/A
GYR LRD STIC STUB XXX 90CM W/STK PFC								N/A	N/A	N/A
GYR LRD MIC STUB XXX 90CM W/STK BC				026160	026685					
GYR LRD MIC STUB XXX 90CM W/STK PFC		024900	025430	026150	026690	027400				

Catalog number : **64000** - (any of below 6 digits)

MODEL	027	040	058	070	090	120	150	200	250	300
GYR LRD STIC STUB XXX 60CM W/OSTK BC				006290				N/A	N/A	N/A
GYR LRD STIC STUB XXX 60CM W/OSTK PFC								N/A	N/A	N/A
GYR LRD MIC STUB XXX 60CM W/OSTK BC										
GYR LRD MIC STUB XXX 60CM W/OSTK PFC										
GYR LRD STIC STUB XXX 90CM W/OSTK BC								N/A	N/A	N/A
GYR LRD STIC STUB XXX 90CM W/OSTK PFC								N/A	N/A	N/A
GYR LRD MIC STUB XXX 90CM W/OSTK BC										
GYR LRD MIC STUB XXX 90CM W/OSTK PFC		024700		025950	026660	027200				

Missing catalog numbers available upon request.

Background color defines the code color of the respective swivel. All assembly stands include 4*6.5 mm black SPE micro-tube.

Other stand combinations can be ordered based on the attached flowchart which can help determine the desired product requirement.