GYRONET™ SR & SRD

MEDIUM RANGE & MEDIUM RANGE WITH DEFLECTOR

APPLICATIONS:

Irrigation of tree plantations, and orchards where ground is shaded by the foliage, leaving dry strips between the rows.

SPECIFICATIONS:

- SR means a revolving rotor irrigating a medium sized area.
- SRD 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
- 3 types of upper bearing
  Standard - for normal water
  Everspin™ - for harsh condition
  With spring - for up side down application
- The rotor is colored Blue

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.

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PERFORMANCE DATA

MODEL	NOZZLE CODE COLOR	NOZZLE SIZE (MM.)	CONSTANT K	EXPONENT X	MAXIMUM WORKING PRESSURE (BAR)	WETTED DIAMETER (M.)		SWIVEL (ROTOR) CODE COLOR
						SR 20 CM. ABOVE GROUND	SRD 20 CM. ABOVE GROUND	
027	Brown	0.75	6.7	0.5	2.5	4.5	1.3	Blue
040	Blue	0.90	9.4	0.5	2.5	4.5	1.3	Blue
058	Gray	1.10	13.5	0.5	2.5	5.0	1.3	Blue
070	Black	1.20	17.4	0.5	2.5	5.5	1.3	Blue
090	Orange	1.40	22.4	0.5	2.5	6.0	1.3	Blue
120	Red	1.57	28.8	0.5	2.5	6.5	1.3	Blue
150	Sky blue	1.77	37.5	0.5	2.5	7.0	2.5	Blue
200	Yellow	2.04	49.1	0.5	2.5	8.5	2.5	Blue
250	Purple	2.28	61.9	0.5	2.5	8.5	3.5	Blue
300	Green	2.48	73.2	0.5	2.5	8.5	3.5	Blue

PACKAGING DATA

GYRONET™ SR & SRD	QUANTITY P/BOX UNITS	BOX SIZE (CM. X CM. X CM.)	BOX WEIGTH (KG.)	BOXES P/PALLET	TOTAL UNITS P/PALLET	PALLET WEIGTH (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

GYRONET™ SHORT RANGE & SHORT 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		ACCSESORIES	
GyroNet™	GYR	Short Range swivel	SR	Press fit male	MIC	Everspin™	ESUB	27 l/h.	027	Head only	HEAD ONLY	Barb	BC	Stream splitter	SP
		Short Range with deflector	SRD	Self tapping	STIC	Spring	SPUB	40 l/h.	040			Press fit	PFC	AD valve 1.5/0.7 bar	AD15
				3/8" male threaded	3/8IC	Standard	STUB	58 l/h.	058	Head + 60 cm. microtube + Stake	60CM W/STK	3/8" conic press fit	3/8C		
								70 l/h.	070	Head + 60 cm. microtube	60CM W/OSTK				
								90 l/h.	090	Head + 90 cm. microtube + Stake	90CM W/STK				
								120 l/h.	120	Head + 90 cm. microtube	90CM W/OSTK				
								150 l/h.	150	Head + XXX cm. microtube + Stake	STL W/STK				
								200 l/h.	200	Head + XXX cm. microtube	STL W/OSTK				
								250 l/h.	250						
								300 l/h	300						

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

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