

# SuperNet™ LR & LRD

## LONG RANGE & LONG RANGE WITH DEFLECTOR

Irrigation of tree plantations with large  
root volumes.



Pressure  
Compensated



Reduces  
Maintenance



Higher Reliability &  
Longevity

Applications



Under tree  
irrigation as  
single head



Orchards frost  
mitigation



Orchards  
cooling

## Benefits & Features

### Ensures higher crop uniformity

- ✔ Thanks to a unique design of pressure compensation mechanism and special design of the sprinkler swivel and water channel

### Achieves optimal results in a varied topography area

- ✔ With a unique pressure compensated mechanism, the SuperNet™ LR & LRD ensures uniform water and nutrient distribution around the tree, regardless of sprinkler's inlet pressures (within pressure range)

### Reduced maintenance and higher reliability & longevity

- ✔ The water passage area is 30% larger (depending on the flow rate) than industry standard eliminates clogging issues
- ✔ Anti-ant mechanism preventing insect penetration into the area of the micro sprinkler nozzle
- ✔ Special row materials made the SuperNet resistant to all agrochemicals & weather conditions

**\*Note:** Filtration method shall be selected based on the type and concentration of the dirt particles contained in the water. Wherever sand exceeding 2 ppm exists in the water, a Hydrocyclone shall be installed before the main filter. Wherever sand/ silt/ clay solids exceed 100 ppm, pre-treatment shall be applied according to Netafim™ instructions

## Specs. & Recommendations

- LR is a dynamic swivel irrigating a Long Range area as single head
- LRD, Long Range with Deflector. The stream deflector concentrates all the water in the area close to the young tree, and it can be broken, allowing for extended irrigation diameter
- **9 different flow rates:** 20, 30, 35, 40, 50, 58, 70, 90, 110 l/h. (Flow rates within pressure range)
- **Pressure range:** 1.5-4.0 bar
- **5 types of inlet connectors:** Barb, Self-tapping, Press fit, 3/8", 1/2" male threaded
- **3 types of upper bearing:**  
Standard = STUB - for normal water  
Everspin™ = ESUB - for harsh conditions  
Spring = SPUB, for upside-down installation
- LR swivel colored Purple for flows 20-40, and Black for 50-110
- The regulation chamber is color coded for easy identification of the flow rate
- Conformity with ISO 8026 standards (SI 1406)
- **Recommended filtration\*:** 200 mic./80 mesh

→ TECHNICAL DATA

MODEL	FLOW RATE (L/H)*	REGULATION CHAMBER CODE COLOR	NOZZLE SIZE (MM)	WORKING PRESSURE RANGE (BAR)	CONSTANT K	EXPONENT* X	WETTED DIAMETER (M)		SWIVEL (ROTOR) CODE COLOR
							LR MODEL 20 CM ABOVE GROUND	LRD MODEL 20 CM ABOVE GROUND	
020	20	DARK PINK	0.89	1.5 - 4.0	20	0	4.5	1.5	DARK PINK
030	30	BROWN	1.14	1.5 - 4.0	30	0	6.0	1.5	
035	35	LIGHT BLUE	1.20	1.5 - 4.0	35	0	6.0	1.5	
040	40	BLUE	1.28	1.5 - 4.0	40	0	6.0	1.5	
050	50	GREEN	1.43	1.5 - 4.0	50	0	7.0	1.5	BLACK
058	58	GREY	1.55	1.5 - 4.0	58	0	7.0	1.5	
070	70	BLACK	1.73	1.5 - 4.0	70	0	7.0	2.0	
090	90	ORANGE	1.74	1.5 - 4.0	90	0	7.0	2.0	
110	110	RED	1.70	2.0 - 4.0	110	0	8.0	2.0	

\* Within working pressure range

→ PACKAGING DATA

SUPERNET™ LR & LRD	QTY. 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	500	28 X 28 X 57	10.1	32	16000	335
COMPLETE STAND, 60 CM MICRO TUBE LENGTH, W/STAKE	100	18 X 34 X 79	8.3	20	2000	178
COMPLETE STAND, 60 CM MICRO TUBE LENGTH, W/O STAKE	200	18 X 34 X 79	7.5	20	4000	162
COMPLETE STAND, 90 CM MICRO TUBE LENGTH, W/STAKE	100	28 X 27 X 113	7.1	16	1600	124
COMPLETE STAND, 90 CM MICRO TUBE LENGTH, W/O STAKE	200	28 X 27 X 113	6.7	16	3200	117

→ ORDERING INFORMATION

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	
SuperNet™	SPN	Long range swivel	LR	Barb	BIC	EverSpin™	ESUB	20 l/h	020	Head only	HEAD ONLY	Barb	BC	Stream splitter	SP
		Long range with deflector	LRD	Press fit	MIC	Standard	STUB	30 l/h	030	Head + 60 cm microtube + stake	60CM W/ STK	Press fit	PFC	AD Valve 1.5/0.7 bar	AD15
				Self tapping	STIC			35 l/h	035	Head + 60 cm microtube	60CM W/O STK	3/8" Conic press fit	3/8C	AD Valve 2.0/0.9 bar	AD20
				3/8" Male threaded	3/8IC			40 l/h	040	Head + 90 cm microtube + stake	90CM W/ STK			AD Valve 3.0/1.5 bar	AD30
				1/2" Male threaded	1/2IC			50 l/h	050	Head + 90 cm microtube	90CM W/O STK			AD Valve 4.0/1.8 bar	AD40
								58 l/h	058	Head + xxx cm microtube + stake	XXCM W/ STK				
								70 l/h	070	Head + xxx cm microtube	XXCM W/O STK				
								90 l/h	090	*When selecting an undefined tube length, add the desired length in writing.					
								110 l/h	110						

→ SuperNet™ LR HEAD ONLY WITH STANDARD UPPER BEARING

MODEL & REGULATION CHAMBER COLOR	SWIVEL COLOR	BIC	STIC	MIC	3/8IC	1/2IC
020 / DARK PINK	DARK PINK	63500-001000	63500-053350	63500-113000	63500-105350	
030 / BROWN		63500-002300	63500-054650	63500-113600	63500-105450	63500-108950
035 / LIGHT BLUE		63500-002270	63500-055720	63500-114200		63500-108920
040 / BLUE		63500-003600	63500-055950	63500-114800	63500-105550	63500-109050
050 / GREEN	BLACK	63500-004900	63500-057250	63500-115500	63500-105650	
058 / GREY		63500-006200	63500-058550	63500-116100	63500-105750	63500-109254
070 / BLACK		63500-007500	63500-059850	63500-116700	63500-105850	63500-109350
090 / ORANGE		63500-008800	63500-061150	63500-117300	63500-105950	63500-109450
110 / RED		63500-010100	63500-062450	63500-117900		63500-109550

→ SuperNet™ LR HEAD ONLY WITH EverSpin™ UPPER BEARING

MODEL & REGULATION CHAMBER COLOR	SWIVEL COLOR	BIC	STIC	MIC	3/8IC	1/2IC
020 / DARK PINK	DARK PINK	63500-053355	63500-053360	63500-113010		
030 / BROWN			63500-054660	63500-113695		
035 / LIGHT BLUE			63500-063730			
040 / BLUE			63500-055960	63500-114810		
050 / GREEN	BLACK		63500-057260	63500-115620		
058 / GREY			63500-058560	63500-113605	63500-105755	63500-109252
070 / BLACK			63500-059860		63500-105870	
090 / ORANGE			63500-061160	63500-117405	63500-105960	
110 / RED						

→ SuperNet™ LR ASSEMBLY STANDS

MODEL	020	030	035	040	050	058	070	090	110
SPN LR STIC STUB XXX 60CM W/STK BC		63500-054850	63500-055735	63500-056350			63500-060250	63500-061550	
SPN LR STIC STUB XXX 60CM W/STK PFC				63500-056060			63500-060200		
SPN LR MIC STUB XXX 60CM W/STK BC							63500-116711		
SPN LR MIC STUB XXX 60CM W/STK PFC									
SPN LR BIC STUB XXX 60CM W/STK BC		63500-002700	63500-003552	63500-004000	63500-005300	63500-006600	63500-007900		63500-010500
SPN LR BIC STUB XXX 60CM W/STK PFC			63500-003551		63500-005200	63500-006500	63500-007800	63500-009100	63500-010400
SPN LR STIC STUB XXX 90CM W/STK BC									
SPN LR STIC STUB XXX 90CM W/STK PFC									
SPN LR MIC STUB XXX 90CM W/STK BC									
SPN LR MIC STUB XXX 90CM W/STK PFC									
SPN LR BIC STUB XXX 90CM W/STK BC		63500-003100		63500-004400	63500-005700	63500-007000	63500-008300	63500-009655	63500-010955
SPN LR BIC STUB XXX 90CM W/STK PFC					63500-005600				
SPN LR STIC STUB XXX 60CM W/O STK BC			63500-055725	63500-056150	63500-057450				63500-062650
SPN LR STIC STUB XXX 60CM W/O STK PFC	63500-053450	63500-054750	63500-055730	63500-056050	63500-057350	63500-058760	63500-059950	63500-061250	63500-062540
SPN LR MIC STUB XXX 60CM W/O STK BC								63500-117330	
SPN LR MIC STUB XXX 60CM W/O STK PFC									
SPN LR BIC STUB XXX 60CM W/O STK BC	63500-001200	63500-002500		63500-003800	63500-005100		63500-007700	63500-009000	
SPN LR BIC STUB XXX 60CM W/O STK PFC				63500-003700					
SPN LR STIC STUB XXX 90CM W/O STK BC									
SPN LR STIC STUB XXX 90CM W/O STK PFC									
SPN LR MIC STUB XXX 90CM W/O STK BC									
SPN LR MIC STUB XXX 90CM W/O STK PFC									
SPN LR BIC STUB XXX 90CM W/O STK BC	63500-001600	63500-003160		63500-004200	63500-005702		63500-008100		63500-010700
SPN LR BIC STUB XXX 90CM W/O STK PFC								63500-009300	

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.

→ SuperNet™ LRD HEAD ONLY WITH STANDARD UPPER BEARING

MODEL & REGULATION CHAMBER COLOR	SWIVEL COLOR	BIC	STIC	MIC	3/8IC	1/2IC
020 / DARK PINK	DARK PINK	63500-011360	63500-063710	63500-113100	63500-106150	63500-109650
030 / BROWN		63500-013050	63500-065050	63500-113700	63500-106200	63500-109700
035 / LIGHT BLUE		63500-014205	63500-063750	63500-114300	63500-106230	
040 / BLUE		63500-014350	63500-066350	63500-114900	63500-106250	
050 / GREEN	BLACK	63500-015650	63500-067650	63500-115600	63500-106300	
058 / GREY		63500-016950	63500-068950	63500-116200	63500-106350	
070 / BLACK		63500-018250	63500-070250	63500-116800	63500-106400	63500-109900
090 / ORANGE		63500-019550	63500-071550	63500-117400	63500-106450	63500-109950
110 / RED		63500-020850	63500-072850	63500-118000	63500-106500	

→ SuperNet™ LRD HEAD ONLY WITH EverSpin™ UPPER BEARING

MODEL & REGULATION CHAMBER COLOR	SWIVEL COLOR	BIC	STIC	MIC	3/8IC	1/2IC
020 / DARK PINK	DARK PINK	63500-001010	63500-063712		63500-106155	
030 / BROWN			63500-065055	63500-113710		
035 / LIGHT BLUE			63500-063752	63500-114310		
040 / BLUE			63500-066360	63500-114910		
050 / GREEN	BLACK		63500-067660	63500-115610	63500-107662	
058 / GREY						
070 / BLACK			63500-070260	63500-116805		
090 / ORANGE			63500-071560	63500-117410		
110 / RED				63500-118010		

→ SuperNet™ LRD ASSEMBLY STANDS

MODEL	020	030	035	040	050	058	070	090	110
SPN LRD STIC STUB XXX 60CM W/STK BC							63500-070650		63500-073250
SPN LRD STIC STUB XXX 60CM W/STK PFC									
SPN LRD MIC STUB XXX 60CM W/STK BC	63500-113170	63500-113770	63500-114370	63500-114970	63500-115670	63500-116270	63500-116760	63500-117470	63500-118070
SPN LRD MIC STUB XXX 60CM W/STK PFC									
SPN LRD BIC STUB XXX 60CM W/STK BC			63500-014201	63500-014750				63500-019950	
SPN LRD BIC STUB XXX 60CM W/STK PFC									
SPN LRD STIC STUB XXX 90CM W/STK BC	63500-200300					63500-069750	63500-071050	63500-072350	
SPN LRD STIC STUB XXX 90CM W/STK PFC									
SPN LRD MIC STUB XXX 90CM W/STK BC									
SPN LRD MIC STUB XXX 90CM W/STK PFC									
SPN LRD BIC STUB XXX 90CM W/STK BC	63500-012550	63500-013850		63500-015150	63500-016450		63500-019050	63500-020350	63500-021650
SPN LRD BIC STUB XXX 90CM W/STK PFC				63500-015240	63500-016460		63500-019150	63500-020250	63500-021750
SPN LRD STIC STUB XXX 60CM W/O STK BC		63500-065250						63500-071565	
SPN LRD STIC STUB XXX 60CM W/O STK PFC									
SPN LRD MIC STUB XXX 60CM W/O STK BC	63500-113150	63500-113750	63500-114350	63500-114950	63500-115650	63500-116250	63500-116850	63500-117450	63500-118050
SPN LRD MIC STUB XXX 60CM W/O STK PFC									
SPN LRD BIC STUB XXX 60CM W/O STK BC		63500-0013560			63500-015850				
SPN LRD BIC STUB XXX 60CM W/O STK PFC									
SPN LRD STIC STUB XXX 90CM W/O STK BC									63500-073450
SPN LRD STIC STUB XXX 90CM W/O STK PFC									
SPN LRD MIC STUB XXX 90CM W/O STK BC									
SPN LRD MIC STUB XXX 90CM W/O STK PFC								63500-117500	
SPN LRD BIC STUB XXX 90CM W/O STK BC	63500-012350				63500-016250		63500-018850		
SPN LRD BIC STUB XXX 90CM W/O STK PFC		63500-013550		63500-015060	63500-016270		63500-018870		63500-020860

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.