

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

Specifications & 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, 110l/h. (Flow rates within pressure range)
- ✓ Pressure range: 1.5-4.0bar
- ✓ 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*: 200mic./80mesh

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

→ Technical Data

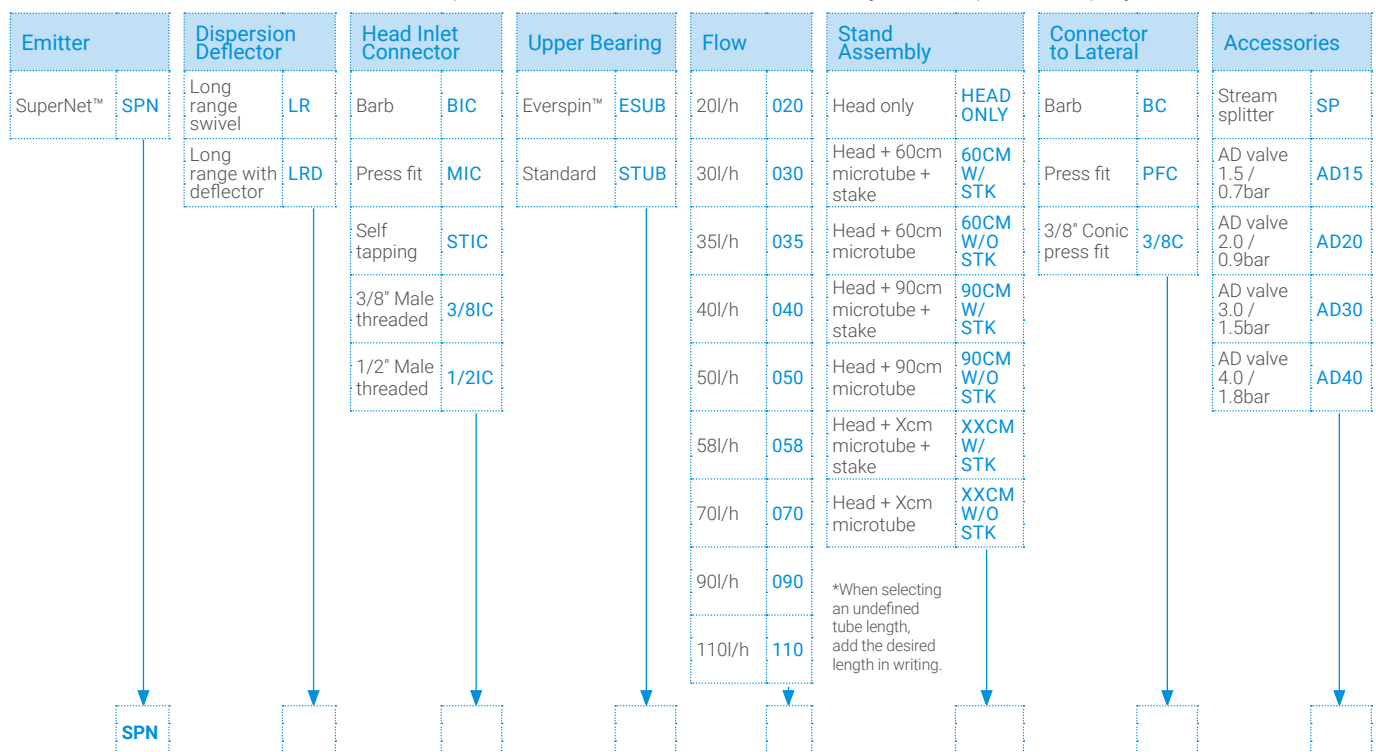
Model	Flow Rate (l/h)*	Regulation Chamber Code Color	Nozzle Size (mm)	Working Pressure Range (bar)	Constant K	Exponent* X	Wetted Diameter (m)		Swivel (Rotor) Code Color
							LR Model 20cm Above Ground	LRD Model 20cm Above Ground	
020	20	Dark pink	0.89	1.5 - 4.0	20	0	4.5	1.5	Dark pink
030	30	Brown	1.14	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

→ 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.



→ 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, 60cm micro tube length, w/stake	100	18 x 34 x 79	8.3	20	2000	178
Complete stand, 60cm micro tube length, w/o stake	200	18 x 34 x 79	7.5	20	4000	162
Complete stand, 90cm micro tube length, w/stake	100	28 x 27 x 113	7.1	16	1600	124
Complete stand, 90cm micro tube length, w/o stake	200	28 x 27 x 113	6.7	16	3200	117

→ 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	63500-108850
030 / Brown		63500-002300	63500-054650	63500-113600	63500-105450	63500-108950
035 / Light blue		63500-002270	63500-055720	63500-114200	63500-105420	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	63500-109150
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	63500-106050	63500-109550

- Background color defines the code color of the respective swivel

→ 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		63500-002310	63500-054660	63500-113695		
035 / Light blue			63500-063730	63500-114220		
040 / Blue			63500-055960	63500-114810		
050 / Green	Black		63500-057260	63500-115620	63500-105740	
058 / Grey			63500-058560	63500-113605	63500-105755	63500-109252
070 / Black			63500-059860	63500-116710	63500-105870	
090 / Orange			63500-061160	63500-117405	63500-105960	
110 / Red						

- Background color defines the code color of the respective swivel



→ SuperNet™ LR Assembly Stands With Stake

How to use: Replace X with: inlet connector type / Y with: flow rate / Z with: microtube length

BC = Barb connector to lateral / PFC = Press fit to lateral

	Flow Rate (l/h)	60cm			90cm		
		STIC	MIC	BIC	STIC	MIC	BIC
BC Code Master SPN LR <u>X</u> STUB <u>Y</u> L/H <u>Z</u> CM W/STK BC Example SPN LR STIC STUB 020 L/H 60 CM W/STK BC	20						
	30			63500-002700			63500-003100
	35	63500-055735		63500-003552			
	40	63500-056350		63500-004000			63500-004400
	50			63500-005300			63500-005700
	58			63500-006600			63500-007000
	70	63500-060250	63500-116711	63500-007900			63500-008300
	90	63500-061550					63500-009655
	110			63500-010500			63500-010955
PFC Code Master SPN LR <u>X</u> STUB <u>Y</u> L/H <u>Z</u> CM W/STK PFC Example SPN LR MIC STUB 020 L/H 30 CM W/STK PFC	20						
	30			63500-000017			
	35			63500-003551			
	40	63500-056060					
	50			63500-005200			63500-005600
	58			63500-006500			
	70	63500-060200		63500-007800			
	90			63500-009100			
	110			63500-010400			



→ SuperNet™ LR Assembly Stands Without Stake

How to use: Replace X with: inlet connector type / Y with: flow rate / Z with: microtube length

BC = Barb connector to lateral / PFC = Press fit to lateral

	Flow Rate (l/h)	60cm			90cm		
		STIC	MIC	BIC	STIC	MIC	BIC
BC Code Master SPN LR <u>X</u> STUB <u>Y</u> L/H <u>Z</u> CM W/O STK BC Example SPN LR STIC STUB 020 L/H 60 CM W/O STK BC	20	63500-053550		63500-001200			63500-001600
	30	63500-054850		63500-002500			63500-003160
	35	63500-055725					63500-003555
	40	63500-056150	63500-114820	63500-003800			63500-004200
	50	63500-057450		63500-005100			63500-005702
	58	63500-058750					
	70	63500-060050		63500-007700			63500-008100
	90	63500-000005	63500-117330	63500-009000			
	110	63500-062650		63500-000031			63500-010700
PFC Code Master SPN LR <u>X</u> STUB <u>Y</u> L/H <u>Z</u> CM W/O STK PFC Example SPN LR MIC STUB 020 L/H 30 CM W/O STK PFC	20	63500-053450					
	30	63500-054750					
	35	63500-055730					
	40	63500-056050		63500-003700			
	50	63500-057350					
	58	63500-058760					
	70	63500-059950					
	90	63500-061250					63500-009300
	110	63500-062540					

- Missing catalog numbers available upon request

- 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	63500-109730
040 / Blue		63500-014350	63500-066350	63500-114900	63500-106250	63500-109750
050 / Green	Black	63500-015650	63500-067650	63500-115600	63500-106300	63500-109800
058 / Grey		63500-016950	63500-068950	63500-116200	63500-106350	63500-109850
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	63500-110000

- Background color defines the code color of the respective swivel

→ 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	63500-113110	63500-106155	
030 / Brown			63500-065055	63500-113710		
035 / Light blue			63500-063752	63500-114310	63500-106235	
040 / Blue			63500-066360	63500-114910		
050 / Green	Black		63500-067660	63500-115610	63500-107662	
058 / Grey			63500-065060	63500-116203		
070 / Black			63500-070260	63500-116805		
090 / Orange			63500-071560	63500-117410		
110 / Red				63500-118010		

- Background color defines the code color of the respective swivel



→ SuperNet™ LRD Assembly Stands With Stake

How to use: Replace **X** with: inlet connector type / **Y** with: flow rate / **Z** with: microtube length

BC = Barb connector to lateral / PFC = Press fit to lateral

	Flow Rate (l/h)	60cm			90cm		
		STIC	MIC	BIC	STIC	MIC	BIC
BC Code Master SPN LRD X STUB Y L/H Z CM W/STK BC Example SPN LRD STIC STUB 020 L/H 60 CM W/STK BC	20		63500-113170		63500-200300		63500-012550
	30		63500-113770				63500-013850
	35		63500-114370	63500-014201			
	40		63500-114970	63500-014750			63500-015150
	50		63500-115670				63500-016450
	58		63500-116270		63500-069750		
	70	63500-070650	63500-116760	63500-018650	63500-071050		63500-019050
	90		63500-117470	63500-019950	63500-072350		63500-020350
	110	63500-073250	63500-118070	63500-020855			63500-021650
PFC Code Master SPN LRD X STUB Y L/H Z CM W/STK PFC Example SPN LRD MIC STUB 020 L/H 30 CM W/STK PFC	20						
	30						
	35						
	40						63500-015240
	50						63500-016460
	58						
	70						63500-019150
	90						63500-020250
	110						63500-021750



→ SuperNet™ LRD Assembly Stands Without Stake

How to use: Replace **X** with: inlet connector type / **Y** with: flow rate / **Z** with: microtube length

BC = Barb connector to lateral / PFC = Press fit to lateral

	Flow Rate (l/h)	60cm			90cm		
		STIC	MIC	BIC	STIC	MIC	BIC
BC Code Master SPN LRD X STUB Y L/H Z CM W/O STK BC Example SPN LRD STIC STUB 020 L/H 60 CM W/O STK BC	20	63500-053560	63500-113150				63500-012350
	30	63500-065250	63500-113750	63500-013560			
	35	63500-065280	63500-114350				
	40		63500-114950				
	50		63500-115650	63500-015850			63500-016250
	58		63500-116250				63500-027552
	70		63500-116850				63500-018850
	90	63500-071565	63500-117450				63500-020352
	110		63500-118050		63500-073450		63500-020870
PFC Code Master SPN LRD X STUB Y L/H Z CM W/O STK PFC Example SPN LRD MIC STUB 020 L/H 30 CM W/O STK PFC	20						
	30						63500-013550
	35						
	40						63500-015060
	50						63500-016270
	58						
	70						63500-018870
	90					63500-117500	
	110						63500-020860

- Missing catalog numbers available upon request

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