

# SuperNet™ SR & SRD

## SHORT RANGE & SHORT RANGE WITH DEFLECTOR

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



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™ SR & SRD 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

- SR is a dynamic swivel irrigating a Short Range area as single head
- SRD, Short 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
- **4 types of upper bearing:**  
Standard = STUB - for normal water  
Everspin™ = ESUB - for harsh conditions  
Spring = SPUB, for upside-down installation  
Everspin+Spring = SPES
- SR swivel color for all flow rates is Blue
- The regulation chamber is color coded for easy identification of the flow rate
- Conformity with ISO8026 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
							SR MODEL 20 CM ABOVE GROUND	SRD MODEL 20 CM ABOVE GROUND	
020	20	DARK PINK	0.89	1.5 - 4.0	20	0	2.5	1.8	BLUE
030	30	BROWN	1.14	1.5 - 4.0	30	0	3.5	1.8	
035	35	LIGHT BLUE	1.20	1.5 - 4.0	35	0	3.5	1.8	
040	40	BLUE	1.28	1.5 - 4.0	40	0	3.5	1.8	
050	50	GREEN	1.43	1.5 - 4.0	50	0	4.5	1.8	
058	58	GREY	1.55	1.5 - 4.0	58	0	4.5	1.8	
070	70	BLACK	1.73	1.5 - 4.0	70	0	5.0	1.8	
090	90	ORANGE	1.74	1.5 - 4.0	90	0	5.0	2.0	
110	110	RED	1.70	2.0 - 4.0	110	0	6.5	2.0	

\* Within working pressure range

## → PACKAGING DATA

SUPERNET™ SR & SRD	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	Short range swivel	SR	Barb	BIC	EverSpin™	ESUB	20 l/h	020	Head only	HEAD ONLY	Barb	BC	Stream splitter	SP
		Short range with deflector	SRD	Press fit	MIC	Spring	SPUB	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	Standard	STUB	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	Spring EverSpin™	SPES	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						
								110 l/h	110						

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

\* SPUB & SPES options are available for flow rate of 35 L/H and higher

→ SuperNet™ SR HEAD ONLY WITH STANDARD UPPER BEARING

MODEL & REGULATION CHAMBER COLOR	SWIVEL COLOR	BIC	STIC	MIC	3/8IC	1/2IC
020 / DARK PINK	BLUE	63500-022150	63500-074150	63500-118500		63500-110050
030 / BROWN		63500-023450	63500-075450	63500-119100		
035 / LIGHT BLUE			63500-075420	63500-119700	63500-106620	63500-110220
040 / BLUE		63500-024750	63500-076750	63500-120300	63500-106750	63500-110250
050 / GREEN		63500-026050	63500-078050	63500-120900	63500-106850	63500-110350
058 / GREY		63500-027350	63500-079350	63500-151500	63500-106950	
070 / BLACK		63500-028650	63500-080650	63500-122100	63500-107050	63500-110550
090 / ORANGE		63500-029950	63500-081950	63500-122700		63500-110650
110 / RED		63500-031250	63500-083250	63500-123300		

→ SuperNet™ SR HEAD ONLY WITH EverSpin™ UPPER BEARING

1*	2*	BIC	STIC	MIC	3/8IC	1/2IC
020	BLUE		63500-074152			
030			63500-075455			
035			63500-063800		63500-106630	
040			63500-076760			63500-110255
050		63500-026060	63500-078060	63500-120306		
058			63500-079360			
070			63500-080660		63500-106970	63500-110610
090			63500-081960		63500-107160	63500-110660
110						63500-110710

- 1. Model & regulation chamber color
- 2. Swivel color

→ SuperNet™ SR HEAD ONLY WITH SPRING UPPER BEARING

MODEL & REGULATION CHAMBER COLOR	SWIVEL COLOR	BIC	STIC	MIC
020 / DARK PINK	BLUE			
035 / L. BLUE		63500-023456	63500-075421	63500-119705
040 / BLUE		63500-024755	63500-076755	63500-120303
050 / GREEN		63500-026055	63500-078055	63500-120910
058 / GREY		63500-027355	63500-079355	63500-121510
070 / BLACK		63500-028655	63500-080655	
090 / ORANGE		63500-029955	63500-081970	63500-122715
110 / RED		63500-031260		

→ SuperNet™ SR ASSEMBLY STANDS

MODEL	020	030	035	040	050	058	070	090	110
SPN SR STIC STUB XXX 60CM W/STK BC		63500-075850	63500-075425		63500-078450		63500-081050		63500-083650
SPN SR STIC STUB XXX 60CM W/STK PFC			63500-075440						
SPN SR MIC STUB XXX 60CM W/STK BC	63500-113830								
SPN SR MIC STUB XXX 60CM W/STK PFC									
SPN SR BIC STUB XXX 60CM W/STK BC	63500-022550	63500-023850		63500-025150	63500-026450	63500-027750	63500-029050		63500-031650
SPN SR BIC STUB XXX 60CM W/STK PFC				63500-025180				63500-030250	
SPN SR STIC STUB XXX 90CM W/STK BC			63500-075430	63500-077550					
SPN SR STIC STUB XXX 90CM W/STK PFC									
SPN SR MIC STUB XXX 90CM W/STK BC									
SPN SR MIC STUB XXX 90CM W/STK PFC									
SPN SR BIC STUB XXX 90CM W/STK BC	63500-022950	63500-024250		63500-025610					
SPN SR BIC STUB XXX 90CM W/STK PFC									
SPN SR STIC STUB XXX 60CM W/O STK BC			63500-075427	63500-076950	63500-078250		63500-080850		
SPN SR STIC STUB XXX 60CM W/O STK PFC									
SPN SR MIC STUB XXX 60CM W/O STK BC					63500-115655				
SPN SR MIC STUB XXX 60CM W/O STK PFC									
SPN SR BIC STUB XXX 60CM W/O STK BC	63500-022350	63500-023650	63500-023430			63500-027550	63500-028850		
SPN SR BIC STUB XXX 60CM W/O STK PFC		63500-023740							
SPN SR STIC STUB XXX 90CM W/O STK BC				63500-077350		63500-079950			
SPN SR STIC STUB XXX 90CM W/O STK PFC									
SPN SR MIC STUB XXX 90CM W/O STK BC			63500-119720						
SPN SR MIC STUB XXX 90CM W/O STK PFC									
SPN SR BIC STUB XXX 90CM W/O STK BC		63500-024260			63500-026650		63500-029250		
SPN SR BIC STUB XXX 90CM W/O STK PFC									

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™ SRD HEAD ONLY WITH STANDARD UPPER BEARING

MODEL & REGULATION CHAMBER COLOR	SWIVEL COLOR	BIC	STIC	MIC	3/8IC	1/2IC
020 / DARK PINK	BLUE	63500-033610	63500-085610	63500-118600	63500-107350	
030 / BROWN		63500-033850	63500-085850	63500-119200	63500-107450	
035 / LIGHT BLUE		63500-032550	63500-084550	63500-119800	63500-107520	
040 / BLUE		63500-035150	63500-087150	63500-120400	63500-107550	63500-111050
050 / GREEN		63500-036450	63500-088450	63500-121000	63500-107650	63500-111150
058 / GREY		63500-037750	63500-089750	63500-121600	63500-107750	
070 / BLACK		63500-039050	63500-091050	63500-122200	63500-107850	63500-111350
090 / ORANGE		63500-040350	63500-092350	63500-122800	63500-107950	63500-111450
110 / RED		63500-041830	63500-093650	63500-123400		

→ SuperNet™ SRD HEAD ONLY WITH EverSpin™ UPPER BEARING

MODEL & REGULATION CHAMBER COLOR	SWIVEL COLOR	BIC	STIC	MIC	3/8IC	1/2IC
020 / DARK PINK	BLUE		63500-085615		63500-106570	
030 / BROWN			63500-085855		63500-107460	
035 / LIGHT BLUE			63500-087110	63500-119810		
040 / BLUE			63500-087160	63500-120405	63500-107560	
050 / GREEN			63500-088460	63500-121015	63500-107660	
058 / GREY		63500-037760	63500-089760	63500-121610	63500-107760	
070 / BLACK			63500-091060	63500-122210	63500-107860	
090 / ORANGE					63500-107960	
110 / RED						

→ SuperNet™ SRD ASSEMBLY STANDS

MODEL	020	030	035	040	050	058	070	090	110
SPN SRD STIC STUB XXX 60CM W/STK BC		63500-086250	63500-035110	63500-087550	63500-088850		63500-091450	63500-092750	
SPN SRD STIC STUB XXX 60CM W/STK PFC									
SPN SRD MIC STUB XXX 60CM W/STK BC	63500-118655	63500-119265	63500-119870	63500-120470	63500-121010	63500-121615	63500-122270	63500-122870	63500-123470
SPN SRD MIC STUB XXX 60CM W/STK PFC									
SPN SRD BIC STUB XXX 60CM W/STK BC	63500-032950	63500-034250	63500-035120	63500-035550	63500-036850	63500-038150	63500-039450	63500-040750	63500-042050
SPN SRD BIC STUB XXX 60CM W/STK PFC				63500-035630			63500-039350		
SPN SRD STIC STUB XXX 90CM W/STK BC			63500-087120	63500-087950			63500-091850		
SPN SRD STIC STUB XXX 90CM W/STK PFC								63500-092900	63500-094860
SPN SRD MIC STUB XXX 90CM W/STK BC									
SPN SRD MIC STUB XXX 90CM W/STK PFC									
SPN SRD BIC STUB XXX 90CM W/STK BC		63500-034650		63500-035950	63500-037250		63500-039850	63500-041150	63500-042450
SPN SRD BIC STUB XXX 90CM W/STK PFC			63500-035147						63500-042260
SPN SRD STIC STUB XXX 60CM W/O STK BC		63500-086050		63500-087350	63500-088650	63500-089950	63500-091250		
SPN SRD STIC STUB XXX 60CM W/O STK PFC	63500-085620								
SPN SRD MIC STUB XXX 60CM W/O STK BC	63500-118650	63500-119250	63500-119850	63500-120450	63500-121050	63500-121650	63500-122250	63500-122850	63500-123450
SPN SRD MIC STUB XXX 60CM W/O STK PFC									
SPN SRD BIC STUB XXX 60CM W/O STK BC		63500-034050		63500-035350	63500-036650		63500-039250		63500-041850
SPN SRD BIC STUB XXX 60CM W/O STK PFC		63500-033950							
SPN SRD STIC STUB XXX 90CM W/O STK BC									
SPN SRD STIC STUB XXX 90CM W/O STK PFC		63500-086260							
SPN SRD MIC STUB XXX 90CM W/O STK BC									
SPN SRD MIC STUB XXX 90CM W/O STK PFC									
SPN SRD BIC STUB XXX 90CM W/O STK BC				63500-035750					
SPN SRD BIC STUB XXX 90CM W/O STK PFC									

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.