

# SuperNet™ UD

## UPSIDE DOWN

For upside-down irrigation below the tree,  
to keep the ground clear.



Pressure  
Compensated



Spring  
Upper-Bearing  
Technology



Higher Reliability &  
Longevity

Applications



Upside-down under tree  
irrigation, as single head

## 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™ UD 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
- ✔ Spring upper bearing with anti-ant mechanism keeps the swivel closed in inverted installation and preventing insect penetration into the area of the micro sprinkler nozzle
- ✔ Special row materials made the SuperNet™ resistant to all agrochemicals & weather conditions

## Specs. & Recommendations

- UD is a dynamic swivel for irrigation in Upside-down installation as single head
- **7 different flow rates:** 30, 35, 40, 50, 58, 70, 90, 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:**  
Spring = SPUB, special design of upper bearing with spring technology, that keeps the swivel closed in inverted installation  
Standard = STUB - for normal water  
Everspin+Spring = SPES, Upper bearing with spring and Everspin™ technology for harsh conditions
- UD swivel color for all flow rates is Green
- 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

\*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

→ TECHNICAL DATA

MODEL	FLOW RATE (L/H)*	REGULATION CHAMBER CODE COLOR	NOZZLE SIZE (MM)	WORKING PRESSURE RANGE (BAR)	CONSTANT K	EXPONENT* X	UD MODEL		SR MODEL IN UD POSITION	
							WETTED DIAMETER (M) 50 CM ABOVE CROP	SWIVEL (ROTOR) CODE COLOR	WETTED DIAMETER (M) 50 CM ABOVE CROP	SWIVEL (ROTOR) CODE COLOR
030	30	BROWN	1.14	1.5 - 4.0	30	0	6.0	GREEN	N/A	BLUE
035	35	LIGHT BLUE	1.20	1.5 - 4.0	35	0	6.0		4.0	
040	40	BLUE	1.28	1.5 - 4.0	40	0	6.5		4.0	
050	50	GREEN	1.43	1.5 - 4.0	50	0	6.5		4.0	
058	58	GREY	1.55	1.5 - 4.0	58	0	7.0		4.0	
070	70	BLACK	1.73	1.5 - 4.0	70	0	7.0		4.0	
090	90	ORANGE	1.74	1.5 - 4.0	90	0	7.0		4.0	

\* Within working pressure range

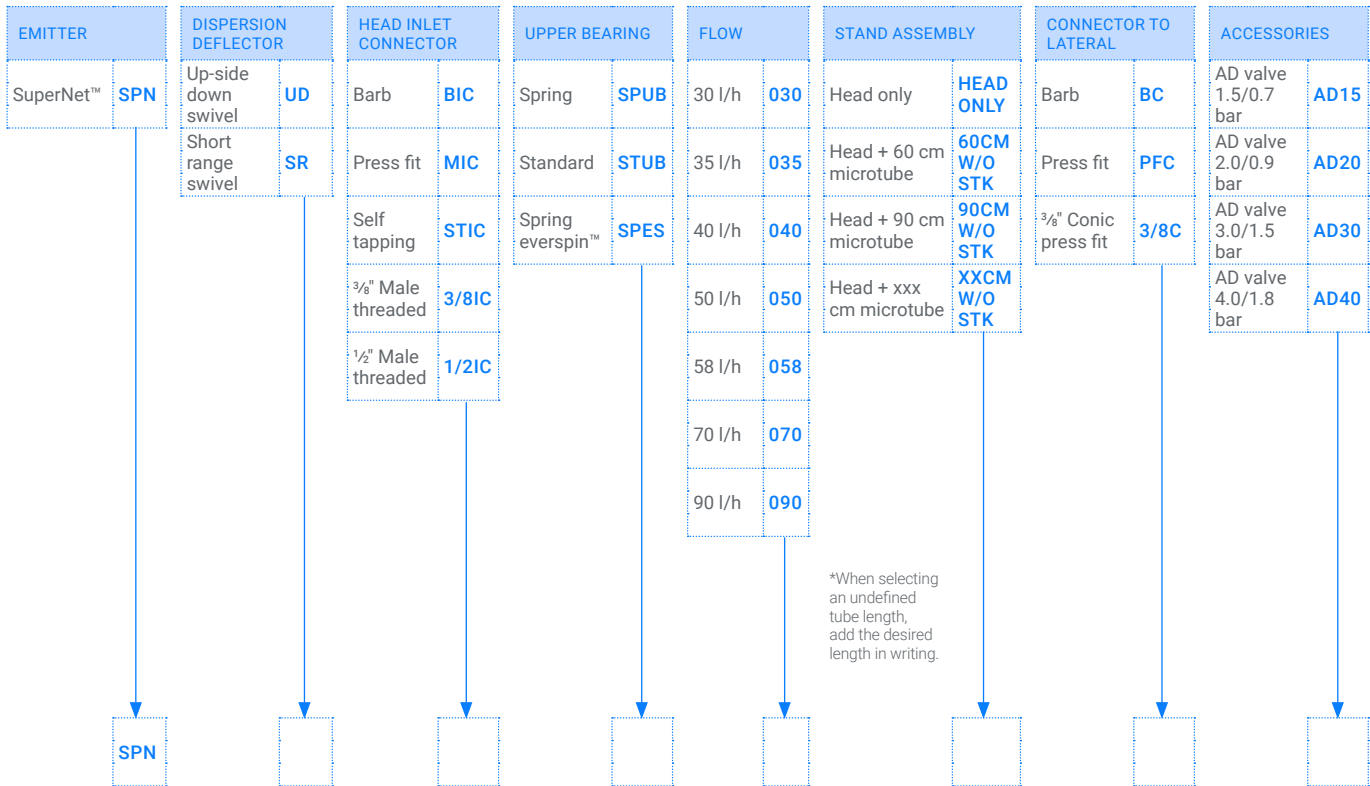
→ PACKAGING DATA

SUPERNET™ UD	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, 30 CM TUBE LENGTH WITH STABILIZER	150	28 X 28 X 57	10.7	32	4800	342
COMPLETE STAND, 60 CM TUBE LENGTH WITH STABILIZER	150	18 X 34 X 79	11.8	20	3000	236
COMPLETE STAND, 90 CM TUBE LENGTH WITH STABILIZER	150	28 X 27 X 113	12.4	16	2400	198

→ 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.



→ SuperNet™ UD HEAD ONLY WITH STANDARD UPPER BEARING

MODEL & REGULATION CHAMBER COLOR	SWIVEL COLOR	BIC	STIC	MIC
030 / BROWN	GREEN			
035 / LIGHT BLUE		63500-189990		63500-171990
040 / BLUE		63500-190990		
050 / GREEN				
058 / GREY		63500-192990		63500-174990
070 / BLACK		63500-193990	63500-184990	63500-175990
090 / ORANGE				

→ SuperNet™ UD HEAD ONLY WITH SPRING UPPER BEARING

MODEL & REGULATION CHAMBER COLOR	SWIVEL COLOR	BIC	STIC	MIC
030 / BROWN	GREEN	63500-189000	63500-180000	63500-171000
035 / LIGHT BLUE		63500-190000	63500-181000	63500-172000
040 / BLUE		63500-191000	63500-182000	63500-173000
050 / GREEN		63500-192000	63500-183000	63500-174000
058 / GREY		63500-193000	63500-184000	63500-175000
070 / BLACK		63500-194000	63500-185000	63500-176000
090 / ORANGE		63500-195000	63500-186000	

→ SuperNet™ UD ASSEMBLY STANDS

MODEL	030	035	040	050	058	070	090
SPN UD STIC SPUB XXX 30CM W/STB BC	63500-180100		63500-182050		63500-184060		
SPN UD STIC SPUB XXX 60CM W/STB BC	63500-180300		63500-182150				
SPN UD STIC SPUB XXX 90CM W/STB BC	63500-180500	63500-181250	63500-182250				
SPN UD BIC SPUB XXX 30CM W/STB BC		63500-190010					
SPN UD BIC SPUB XXX 60CM W/STB BC				63500-192010		63500-007506	
SPN UD BIC SPUB XXX 90CM W/STB BC							
SPN UD MIC SPUB XXX 30CM W/STB BC		63500-172020					
SPN UD MIC SPUB XXX 60CM W/STB BC		63500-172100		63500-174100			
SPN UD MIC SPUB XXX 90CM W/STB BC							

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.