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 — 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

Specifications & 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, 90l/h. (Flow rates within Pressure range)
- Pressure range: 1.5-4.0bar
- 5 types of inlet connectors: barb, self-tapping, press fit, ⅜", ½" 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 ISO8026 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

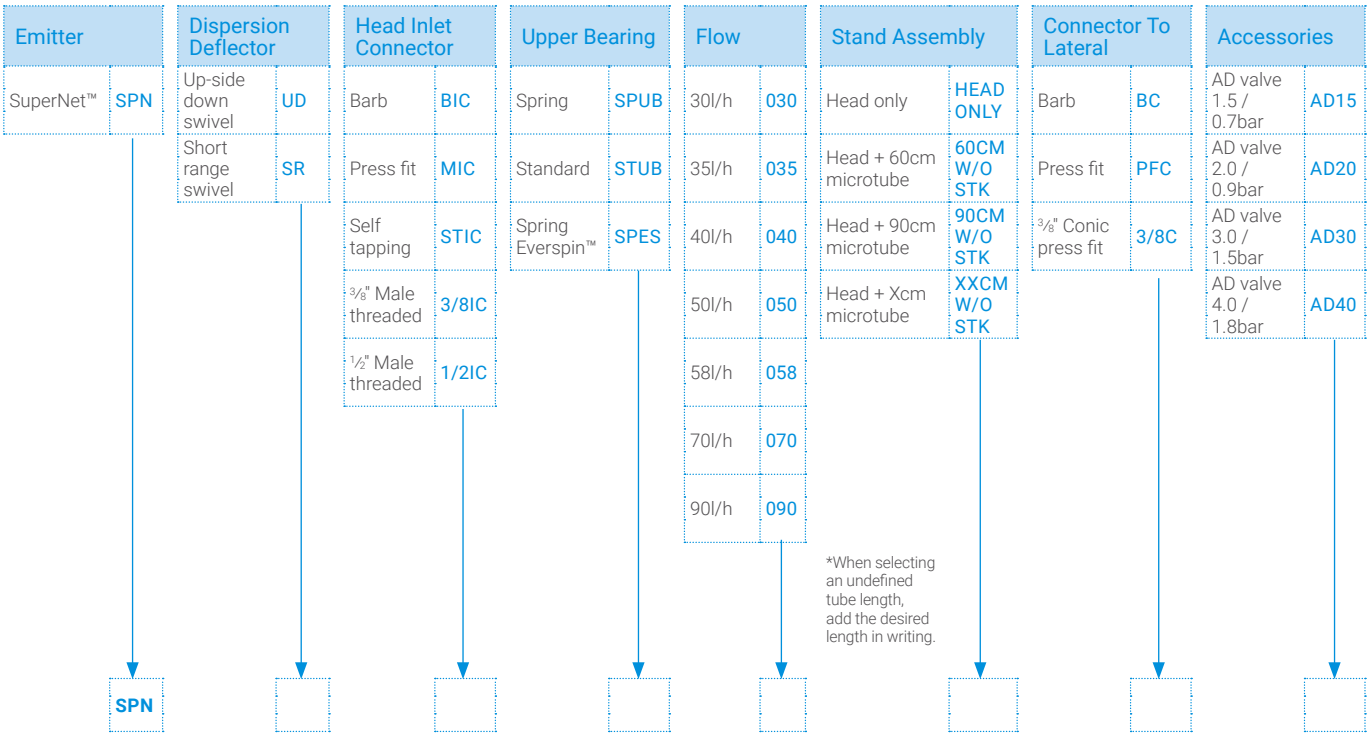
Model	Flow Rate (l/h)*	Regulation Chamber Code Color	Nozzle Size (mm)	Working Pressure Range (bar)	Constant K	Exponent* X	UD Model		SR Model In UD Position	
							Wetted Diameter 50cm Above Crop (m)	Swivel (Rotor) Code Color	Wetted Diameter 50cm Above Crop (m)	Swivel (Rotor) Code Color
030	30	Brown	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

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.



Want to know more?
products_solutions@netafim.com

→ SuperNet™ UD Head Only With Standard Upper Bearing

Model & Regulation Chamber Color	Swivel Color	BIC	STIC	MIC
030 / Brown	Green	63500-188990	63500-179990	63500-170990
035 / Light blue			63500-180990	
040 / Blue			63500-181990	63500-172990
050 / Green		63500-191990	63500-182990	63500-173990
058 / Grey			63500-183990	
070 / Black				
090 / Orange		63500-194990	63500-185990	63500-176990

- Background color defines the code color of the respective swivel

→ SuperNet™ UD Head Only With Spring Upper Bearing

Model & Regulation Chamber Color	Swivel Color	BIC	STIC	MIC
030 / Brown	Green			
035 / Light blue				
040 / Blue				
050 / Green				
058 / Grey				
070 / Black				
090 / Orange				

- Background color defines the code color of the respective swivel

⟶ SuperNet™ UD 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

			Flow Rate (l/h)	STIC	MIC	BIC
BC	30CM W/STB	**Code Master** SPN UD **X** STUB **Y** L/H **Z** CM W/STK BC **Example** SPN UD **STIC** STUB **030** L/H **30** CM W/STK BC	30	63500-180100		63500-000036
			35	63500-000012	63500-172020	63500-190010
			40	63500-182050		
			50			
			58	63500-184060		
			70			
			90			
	60CM W/STB	**Code Master** SPN UD **X** STUB **Y** L/H **Z** CM W/STK BC **Example** SPN UD **STIC** STUB **030** L/H **60** CM W/STK BC	30	63500-180300		
			35		63500-172100	
			40	63500-182150		
			50	63500-183150	63500-174100	63500-192010
			58			
			70			63500-007506
			90			
	90CM W/STB	**Code Master** SPN UD **X** STUB **Y** L/H **Z** CM W/STK BC **Example** SPN UD **STIC** STUB **030** L/H **90** CM W/STK BC	30	63500-180500		
			35	63500-181250		
			40	63500-182250		
			50			
			58			
			70			
			90			

- 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.