

# SuperNet™ Jet

## JET IRRIGATION

For harsh water containing large amount of sand.



Pressure compensated



Jet Deflector 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™ JET 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 static Jet deflector technology is designed for harsh water containing large amount of sand thus causing excessive wear of the standard dynamic swivel

The water passage area is 30% larger (depending on the flow rate) than industry standard eliminates clogging issues

Anti-ant mechanism keeps the swivel closed and prevents insect penetration into the area of the micro sprinkler nozzle

Special row materials made the SuperNet resistant to all agrochemicals & weather conditions

# Specifications & Recommendations

- ✓ JET is a static deflector for irrigation with harsh water conditions
- ✓ 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, 3/8", 1/2" male threaded
- ✓ Special upper bearing: STUB = Square hole upper bearing, holds the deflector from spinning
- ✓ 6 types of static deflectors: 360degrees (12 jets ), 300degrees (10 Jets), 2x90 (butterfly) (8 jets), 180degrees (6 jets), 90degrees (4 jets), FS flat spray deflector
- ✓ JET deflector color for all flow rates is Orange
- ✓ The regulation chamber is color coded for easy identification of the flow rate
- ✓ Conformity with ISO8026 standards (SI1406)
- ✓ 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

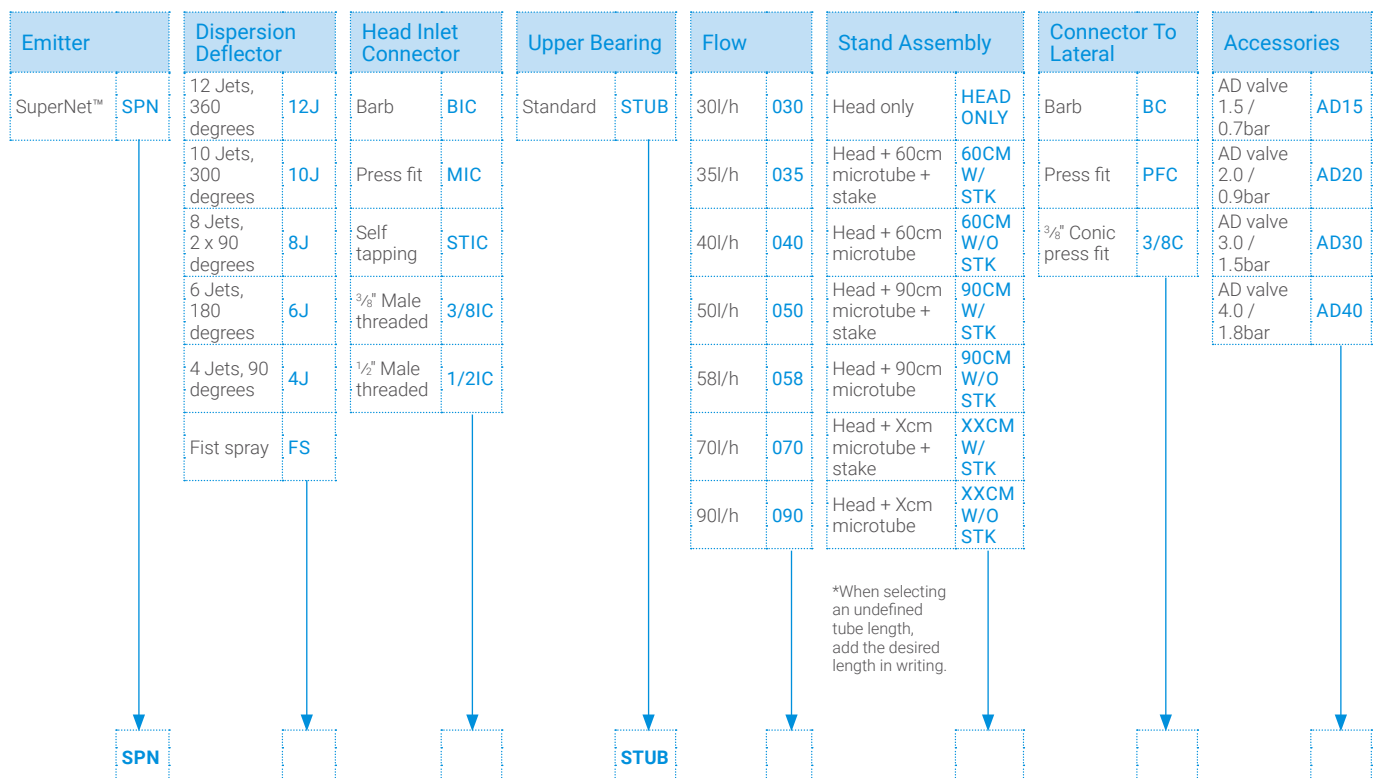
Model	Flow Rate (l/h)*	Regulation Chamber Code Color	Nozzle Size (mm)	Working Pressure Range (bar)	Wetted Radius (m) 20cm Above Ground						Deflector Code Color
					360 Degrees 12 Jets	300 Degrees 10 Jets	Butterfly 2x4 Jets	180 Degrees 6 Jets	90 Degrees 4 Jets	Flat Spray	
030	30	Brown	1.14	1.5 - 4.0	1.9	1.7	1.7	2.8	2.2	1.6	Orange
035	35	Light blue	1.20	1.5 - 4.0	2.3	2.2	2.0	2.8	2.3	1.7	
040	40	Blue	1.28	1.5 - 4.0	2.7	2.7	2.2	2.8	2.4	2.0	
050	50	Green	1.43	1.5 - 4.0	2.8	2.7	2.2	2.8	2.6	N/A	
058	58	Grey	1.55	1.5 - 4.0	2.8	2.9	2.5	3.1	2.9	N/A	
070	70	Black	1.73	1.5 - 4.0	2.9	2.9	2.5	3.1	2.9	N/A	
090	90	Orange	1.74	1.5 - 4.0	2.9	2.9	2.5	3.1	2.9	N/A	

\* 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™ Jet	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™ Jet 12 Jets, Head Only With Standard Upper Bearing

Model & Regulation Chamber Color	Deflector Code Color	BIC	STIC	MIC
030 / Brown	Orange			
035 / Light blue				63500-125200
040 / Blue				
050 / Light green				
058 / Grey				
070 / Black				
090 / Orange				

- Background color defines the code color of the respective swivel

→ SuperNet™ Jet 10 Jets, Head Only With Standard Upper Bearing

Model & Regulation Chamber Color	Deflector Code Color	BIC	STIC	MIC
030 / Brown	Orange		63500-096255	
035 / Light blue			63500-096915	
040 / Blue				
050 / Light green				63500-100105
058 / Grey				63500-100155
070 / Black				63500-101455
090 / Orange				63500-102755

- Background color defines the code color of the respective swivel

→ SuperNet™ Jet 8 (2x90) Jets, Head Only With Standard Upper Bearing

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

- Background color defines the code color of the respective swivel

→ SuperNet™ Jet 6 Jets, Head Only With Standard Upper Bearing

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

- Background color defines the code color of the respective swivel

→ SuperNet™ Jet 4 Jets, Head Only With Standard Upper Bearing

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

- Background color defines the code color of the respective swivel

→ SuperNet™ Jet Head Only With Standard Upper Bearing

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

- Background color defines the code color of the respective swivel



→ SuperNet™ Jet 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

→ 12 Jets

		Flow Rate (l/h)	STIC	MIC	BIC	
60cm	BC	Code Master SPN 12J <b>X</b> STUB <b>Y</b> L/H <b>Z</b> CM W/STK BC  Example SPN 12J <b>STIC</b> STUB <b>020</b> L/H <b>60</b> CM W/STK BC	30	63500-096310		
			35	63500-097020		
			40	63500-097950		63500-045950
			50	63500-099250		
			58			
			70			
			90			63500-051150
			PFC	Code Master SPN 12J <b>X</b> STUB <b>Y</b> L/H <b>Z</b> CM W/STK PFC  Example SPN 12J <b>BIC</b> STUB <b>020</b> L/H <b>60</b> CM W/STK PFC	30	
35						
40						
50						
58						
70						
90						

→ 10 Jets

		Flow Rate (l/h)	STIC	MIC	BIC	
60cm	BC	Code Master SPN 10J <b>X</b> STUB <b>Y</b> L/H <b>Z</b> CM W/STK BC  Example SPN 10J <b>STIC</b> STUB <b>020</b> L/H <b>60</b> CM W/STK BC	30			
			35			
			40			
			50			
			58			
			70			
			90	63500-104010		
			PFC	Code Master SPN 10J <b>X</b> STUB <b>Y</b> L/H <b>Z</b> CM W/STK PFC  Example SPN 10J <b>BIC</b> STUB <b>020</b> L/H <b>60</b> CM W/STK PFC	30	
35						
40						
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.

→ 8 Jets

		Flow Rate (l/h)	STIC	MIC	BIC	
60cm	BC	<b>Code Master</b> SPN 8J <b>X</b> STUB <b>Y</b> L/H Z CM W/STK BC  <b>Example</b> SPN 8J <b>STIC</b> STUB <b>020</b> L/H <b>60</b> CM W/STK BC	30			63500-044267
			35			
			40			
			50			
			58			
			70			
			90			
60cm	PFC	<b>Code Master</b> SPN 8J <b>X</b> STUB <b>Y</b> L/H Z CM W/STK PFC  <b>Example</b> SPN 8J <b>BIC</b> STUB <b>020</b> L/H <b>60</b> CM W/STK PFC	30			
			35			
			40			
			50			
			58			
			70			
			90			

→ 6 Jets

		Flow Rate (l/h)	STIC	MIC	BIC	
60cm	BC	<b>Code Master</b> SPN 6J <b>X</b> STUB <b>Y</b> L/H Z CM W/STK BC  <b>Example</b> SPN 6J <b>STIC</b> STUB <b>020</b> L/H <b>60</b> CM W/STK BC	30			63500-046890
			35			
			40			
			50			
			58			
			70			
			90			
60cm	PFC	<b>Code Master</b> SPN 6J <b>X</b> STUB <b>Y</b> L/H Z CM W/STK PFC  <b>Example</b> SPN 6J <b>BIC</b> STUB <b>020</b> L/H <b>60</b> CM W/STK PFC	30		63500-124635	
			35			
			40	63500-097590		
			50			
			58			
			70			
			90			

→ 4 Jets

		Flow Rate (l/h)	STIC	MIC	BIC	
60cm	BC	<b>Code Master</b> SPN 4J <b>X</b> STUB <b>Y</b> L/H Z CM W/STK BC  <b>Example</b> SPN 4J <b>STIC</b> STUB <b>020</b> L/H <b>60</b> CM W/STK BC	30			63500-046890
			35			
			40			
			50			
			58			
			70			
			90			
60cm	PFC	<b>Code Master</b> SPN 4J <b>X</b> STUB <b>Y</b> L/H Z CM W/STK PFC  <b>Example</b> SPN 4J <b>BIC</b> STUB <b>020</b> L/H <b>60</b> CM W/STK PFC	30		63500-124635	
			35			
			40	63500-097590		
			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.



→ SuperNet™ Jet 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

→ 12 Jets

		Flow Rate (l/h)	STIC	MIC	BIC	
60cm	BC	<b>Code Master</b> SPN 12J <b>X</b> STUB <b>Y</b> L/H <b>Z</b> CM W/O STK BC  <b>Example</b> SPN 12J <b>STIC</b> STUB <b>020</b> L/H <b>60</b> CM W/O STK BC	30			63500-044273
			35			
			40	63500-097750		63500-045750
			50		63500-126500	
			58			
			70			
			90			
			60cm	PFC	<b>Code Master</b> SPN 12J <b>X</b> STUB <b>Y</b> L/H <b>XX</b> CM W/O STK PFC  <b>Example</b> SPN 12J <b>BIC</b> STUB <b>020</b> L/H <b>60</b> CM W/O STK PFC	30
35	63500-097000					
40	63500-097700					
50	63500-099000					
58	63500-100250					
70	63500-101550					
90	63500-102850					

→ 10 Jets

		Flow Rate (l/h)	STIC	MIC	BIC	
60cm	BC	<b>Code Master</b> SPN 10J <b>X</b> STUB <b>Y</b> L/H <b>Z</b> CM W/O STK BC  <b>Example</b> SPN 10J <b>STIC</b> STUB <b>020</b> L/H <b>60</b> CM W/O STK BC	30			
			35	63500-096350		
			40			
			50	63500-096340		
			58			
			70			
			90			
			60cm	PFC	<b>Code Master</b> SPN 10J <b>X</b> STUB <b>Y</b> L/H <b>Z</b> CM W/O STK PFC  <b>Example</b> SPN 10J <b>BIC</b> STUB <b>020</b> L/H <b>60</b> CM W/O STK PFC	30
35						
40						
50						
58						
70						
90						

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→ 8 Jets

		Flow Rate (l/h)	STIC	MIC	BIC	
60cm	BC	<p>Code Master SPN 8J <b>X</b> STUB <b>Y</b> L/H <b>Z</b> CM W/O STK BC</p> <p>Example SPN 8J <b>STIC</b> STUB <b>020</b> L/H <b>60</b> CM W/O STK BC</p>	30			
			35			
			40			
			50			
			58			
			70			
			90			
	PFC	<p>Code Master SPN 8J <b>X</b> STUB <b>Y</b> L/H <b>Z</b> CM W/O STK PFC</p> <p>Example SPN 8J <b>BIC</b> STUB <b>020</b> L/H <b>60</b> CM W/O STK PFC</p>	30			
			35			
			40			
			50			
			58			
			70			
			90			

→ 6 Jets

		Flow Rate (l/h)	STIC	MIC	BIC	
60cm	BC	<p>Code Master SPN 6J <b>X</b> STUB <b>Y</b> L/H <b>Z</b> CM W/O STK BC</p> <p>Example SPN 6J <b>STIC</b> STUB <b>020</b> L/H <b>60</b> CM W/O STK BC</p>	30			
			35			
			40			63500-045573
			50			
			58			
			70			
			90			
	PFC	<p>Code Master SPN 6J <b>X</b> STUB <b>Y</b> L/H <b>Z</b> CM W/O STK PFC</p> <p>Example SPN 6J <b>BIC</b> STUB <b>020</b> L/H <b>60</b> CM W/O STK PFC</p>	30			
			35			
			40			
			50			
			58			
			70			
			90			

→ 4 Jets

		Flow Rate (l/h)	STIC	MIC	BIC	
60cm	BC	<p>Code Master SPN 4J <b>X</b> STUB <b>Y</b> L/H <b>Z</b> CM W/O STK BC</p> <p>Example SPN 4J <b>STIC</b> STUB <b>020</b> L/H <b>60</b> CM W/O STK BC</p>	30			
			35			
			40			63500-045573
			50			
			58			
			70			
			90			
	PFC	<p>Code Master SPN 4J <b>X</b> STUB <b>Y</b> L/H <b>Z</b> CM W/O STK PFC</p> <p>Example SPN 4J <b>BIC</b> STUB <b>020</b> L/H <b>60</b> CM W/O STK PFC</p>	30			
			35			
			40			
			50			
			58			
			70			
			90			

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