

SuperNet™ MR & MRD

MIDDLE RANGE & MIDDLE RANGE WITH DEFLECTOR

Irrigation of tree plantations with
mid-size 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™ MR & MRD 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

- MR is a dynamic swivel irrigating a Middle Range area as single head
- MRD, Middle 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.
- **7 different flow rates:** 20, 30, 35, 40, 50, 58, 70 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
- MR swivel color for all flow rates is Brown
- The regulation chamber is color coded for easy identification of the flow rate
- Conformity with ISO 8026 standards (SI 1406)
- **Recommended filtration*:**
200 micron / 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
							MR MODEL 25 CM ABOVE GROUND	MRD MODEL 25 CM ABOVE GROUND	
020	20	DARK PINK	0.89	1.5-4.0	20	0	4.5	2.5	BROWN
030	30	BROWN	1.14	1.5-4.0	30	0	4.5	2.5	
035	35	LIGHT BLUE	1.20	1.5-4.0	35	0	4.5	2.5	
040	40	BLUE	1.28	1.5-4.0	40	0	5.0	2.5	
050	50	GREEN	1.43	1.5-4.0	50	0	5.0	2.5	
058	58	GREY	1.55	1.5-4.0	58	0	6.0	3.0	
070	70	BLACK	1.73	1.5-4.0	70	0	6.0	3.0	

* Within working pressure range

→ PACKAGING DATA

SUPERNET™ MR & MRD	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.

