SUPERNET™ MR & MRD
MIDDLE RANGE & MIDDLE RANGE WITH DEFLECTOR

APPLICATIONS
Irrigation of tree plantations with mid-size root volumes.

BENEFITS AND FEATURES
Ensures higher crop uniformity
- Unique design of flow regulation mechanism.
- Unique design of the sprinkler rotor water channel.

Achieves optimal results in a varied topography area
- Thanks to its unique regulation mechanism, the SuperNet™ MR & MRD ensures uniform water and nutrient distribution around the tree, regardless of sprinkler’s inlet pressures (within pressure range).

Reduces maintenance and repair costs
- The SuperNet™ has anti-ant mechanism preventing insect penetration into the area of the micro-sprinkler nozzle.
- The regulated micro-sprinkler is made of plastic materials resistant to all agrochemicals & weather conditions.

Offers higher reliability & longevity
- Long-term reliable service, simple, modular parts, clog resistant design.
- The water passage area is around 30% larger (depending on the flow rate) than in any other emitter with identical flow rate (largest passage on the market!) thus providing excellent clog resistance.

Suitable for diverse applications
- Specifically designed for fruit trees, orchards, deciduous and other tree crops requiring efficient water distribution.
- Can be used for frost mitigation and/or cooling irrigation systems.

SPECIFICATIONS
- MR means a revolving rotor irrigating a middle area.
- MRD stream deflector concentrates all the water in the area surrounding the young tree during the initial growing period. When the tree grows, the stream deflector can be broken off, thus enabling extended irrigation diameter.
- Pressure range 1.5-4.0 bar.
- Recommended filtration: 200 micron / 80 mesh. Filtration method to 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™ expert team’s instructions.
- There are 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, Everspin+Spring = SPES.
- The rotor is colored Brown for all different flows.
SUPERNET™ TECHNICAL DATA

<table>
<thead>
<tr>
<th>MODEL</th>
<th>FLOW RATE</th>
<th>NOZZLE CODE COLOR</th>
<th>NOZZLE SIZE (MM)</th>
<th>WORKING PRESSURE RANGE (BAR)</th>
<th>CONSTANT</th>
<th>EXPONENT*</th>
<th>WETTED DIAMETER (M) MR</th>
<th>SWIVEL (ROTATOR) CODE COLOR</th>
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<tbody>
<tr>
<td>020</td>
<td>20</td>
<td>Purple</td>
<td>0.89</td>
<td>1.5-4.0</td>
<td>20</td>
<td>0</td>
<td>4.5</td>
<td>2.5 Brown</td>
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<tr>
<td>030</td>
<td>30</td>
<td>Brown</td>
<td>1.14</td>
<td>1.5-4.0</td>
<td>30</td>
<td>0</td>
<td>4.5</td>
<td>2.5 Brown</td>
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<tr>
<td>035</td>
<td>35</td>
<td>Light blue</td>
<td>1.20</td>
<td>1.5-4.0</td>
<td>35</td>
<td>0</td>
<td>4.5</td>
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<td>040</td>
<td>40</td>
<td>Blue</td>
<td>1.28</td>
<td>1.5-4.0</td>
<td>40</td>
<td>0</td>
<td>5.0</td>
<td>2.5 Brown</td>
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<td>Green</td>
<td>1.43</td>
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<tr>
<td>058</td>
<td>58</td>
<td>Gray</td>
<td>1.55</td>
<td>1.5-4.0</td>
<td>58</td>
<td>0</td>
<td>6.0</td>
<td>3.0 Brown</td>
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<td>070</td>
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<td>Black</td>
<td>1.73</td>
<td>1.5-4.0</td>
<td>70</td>
<td>0</td>
<td>6.0</td>
<td>3.0 Brown</td>
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*within working pressure range

PACKAGING DATA

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<thead>
<tr>
<th>SUPERNET™ MR &amp; MRD</th>
<th>QUANTITY P/BOX</th>
<th>BOX SIZE (CM X CM X CM)</th>
<th>BOX WEIGHT (KG)</th>
<th>BOXES P/PALLET</th>
<th>TOTAL UNITS P/PALLET</th>
<th>PALLET WEIGHT (KG)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Head only</td>
<td>500</td>
<td>28 x 28 x 57</td>
<td>10.1</td>
<td>32</td>
<td>16000</td>
<td>335</td>
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<tr>
<td>Complete stand , 60 cm micro tube length ,w/stake</td>
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<td>18 x 34 x 79</td>
<td>8.3</td>
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<td>2000</td>
<td>178</td>
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<tr>
<td>Complete stand , 60 cm micro tube length ,w/o stake</td>
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<td>18 x 34 x 79</td>
<td>7.5</td>
<td>20</td>
<td>4000</td>
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<td>28 x 27 x 113</td>
<td>7.1</td>
<td>16</td>
<td>1600</td>
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<td>28 x 27 x 113</td>
<td>6.7</td>
<td>16</td>
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SUPERNET™ MIDDLE RANGE & MIDDLE RANG WITH DEFLECTOR

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.

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