AVOID RUNOFF AND SAVE WATER with the World’s Most Efficient Nozzles

The MP Rotator uses multi-stream, multi-trajectory technology to achieve optimal water-conserving results. Rather than simply spraying water onto landscapes, MP Rotators deliver streams of water at slower rates that soils can better absorb, significantly reducing runoff. It is a breakthrough solution in irrigation technology, enabling levels of conservation that are increasingly necessary.
A Smarter Way to Water

The MP Rotator offers superior coverage compared to traditional sprays, with true matched precipitation at any arc or radius. The slower application rate requires run times to be twice that of traditional sprays, significantly reducing runoff — it’s the perfect solution for slopes and dense soils. This increased efficiency results in 30% less water use when compared to traditional sprays.

Reliable Operation
Patented double-pop nozzle keeps the sprinkler free of external debris.

Accurate Adjustments
Adjustable arc and radius with matched precipitation. Radius can be reduced up to 25%.

Efficient Application
Multiple rotating streams provide even coverage and wind resistance, eliminating dry spots.

Durable
Removable inlet filter keeps sprinkler free of internal debris.

Easy Installation
Compatible with all spray bodies; perfect for retrofits. Use the MP-HT for female-threaded spray bodies.

Pressure Regulation
For best results, use the pressure-regulated Pro-Spray® PRS40.

MP Rotator Provides Uniform Distribution

Even coverage with matched precipitation
The MP Rotator nozzle maintains its low precipitation and high uniformity while being adjusted for arc and radius, making it easy to design even irregular-shaped areas.

Water is delivered at 10 mm/hr with the standard MP Rotator and 20 mm/hr with the MP800 Series, more closely matching what typical soils can absorb.

Traditional Spray Heads Result in Poor Coverage

Sprays create dry spots, flooding, and runoff
Due to the lack of uniformity, overwatering is the only way to ensure that the driest areas get enough water to keep the landscape green.

The rate of water delivery is also a factor. Traditional sprays disperse water at about 40 mm/hr, causing flooding and leading to runoff. Typical soils just can’t absorb water that quickly.
**MP ROTATOR® PRODUCT LINE**

**Ultimate Design Flexibility**

The MP Rotator is a great choice for new systems, as it provides immense range flexibility (from 1.5 m strip to 10.7 m radius), decreases material costs, and enhances system efficiency. The MP Rotator is also perfect for revitalising older systems — a retrofit can solve both low pressure and poor coverage problems. Install the MP Rotator onto any conventional spray head body or shrub adapter to transform it into a high-uniformity sprinkler with matched precipitation at any arc and any radius.

### Standard MP Rotator Series

<table>
<thead>
<tr>
<th>Radius</th>
<th>Arc</th>
<th>MP1000</th>
<th>MP2000</th>
<th>MP3000</th>
<th>MP3500</th>
<th>MP CORNER</th>
<th>MP MALE-THREADED</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.5 to 4.5 m</td>
<td>90° to 210°</td>
<td>MP1000-90</td>
<td>MP2000-90</td>
<td>MP3000-90</td>
<td>MP3500-90</td>
<td>MP CORNER 45° to 105°</td>
<td>MP-HT</td>
</tr>
<tr>
<td>4.0 to 6.4 m</td>
<td>210° to 270°</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>6.7 to 9.1 m</td>
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<td></td>
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<tr>
<td>9.4 to 10.7 m</td>
<td>360°</td>
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<td></td>
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<tr>
<td>2.5 to 4.5 m</td>
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### MP800 Series

<table>
<thead>
<tr>
<th>Radius</th>
<th>Arc</th>
<th>MP800SR</th>
<th>MP815</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.8 to 3.5 m</td>
<td>90° to 210°</td>
<td>MP800SR-90</td>
<td>MP815-90</td>
</tr>
<tr>
<td>2.5 to 4.9 m</td>
<td>210° to 270°</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.5 x 4.6 m, Left Corner</td>
<td>1.5 x 4.6 m, Right Corner</td>
<td>MP815-210</td>
<td></td>
</tr>
<tr>
<td>1.5 x 9.1 m Side Strip</td>
<td></td>
<td>MP800SR-360</td>
<td>MP815-360</td>
</tr>
</tbody>
</table>

### MP Strips

<table>
<thead>
<tr>
<th>Shape</th>
<th>MPLCS515</th>
<th>MPRCSS515</th>
<th>MPSS5530</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

Note: The MP800 Series has a precipitation rate of 20 mm/hr. Since this precipitation rate differs from standard MP Rotator rate of 10 mm/hr, we recommend zoning the MP800 Series separately to maintain matched precipitation within each zone. MP Strips can be used with both the Standard MP Rotator Series and the MP800 Series depending on the layout.
MP Rotator Precipitation Rates

A precipitation rate is the depth of water applied to the landscape over a period of time. Different types of sprinkler nozzles apply water at different precipitation rates. Matching your precipitation rate, or application rate, to your soil intake rate will eliminate the hazards of runoff and help conserve water. Standard MP Rotators have a slow precipitation rate of 10 mm/hr for tight soils and steep slopes. Use the 20 mm/hr rate of the MP800 Series for medium-grade soils and gentle slopes. Spray nozzles, which have precipitation rates of 40 mm/hr, are great for sandy soils.

Be sure to factor precipitation rates into your run times.

Frequently Asked Questions

What is the difference between the standard MP Rotator series and the MP800 Series? Standard MP Rotators have the lowest precipitation rate in the industry at 10 mm/hr. These models eliminate runoff in most soil types, and they provide uniform coverage, from 1.5 m wide side strips up to a radius of 10.7 m. The MP800 Series has a 20 mm/hr precipitation rate for applications where soil intake rates are higher.

How can I tell a difference between the standard MP family and the MP800 series? Standard MP Rotators are colour-coded with black bodies, or canisters. MP800 series models have grey bodies.

Can I use MP Side Strips with the MP800 Series? Yes! Depending on the layout of the side strip heads, the precipitation rate will match either the standard MP family or the MP800 Series. After determining head spacing, use the total area method for precipitation rate calculation so you can see which family is matched.
**MP ROTATOR® IN THE FIELD**

**Built to Last**
Because the ultra-durable MP Rotator is built for maximum field performance, it’s one of the most popular products in the irrigation industry. A patented, double-pop feature allows the nozzle to raise up from its protected position only after the riser is fully extended, providing superior defence against dirt and debris. A full suite of accessories makes routine field service a breeze.

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**MP Rotator Accessories**

**MP TOOL P/N MP TOOL**
Adjustments to MP Rotators are simply a snap with this handy tool.

**MP STICK P/N MP STICK**
The MP Stick fits onto 25 mm PVC of any length, so you can easily adjust MP Rotators from a standing position. PVC pipe not included.

**MP GAUGE ASSEMBLY P/N MP GAUGE**
Use the MP Gauge to find the dynamic pressure at the nozzle for system troubleshooting and audits.

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**Resources**

**The MP Rotator in Action**
Learn how the MP Rotator has helped real customers save water and reduce system design costs in our site study library:
[ hunter.direct/sitestudies ]

**MP Rotator Beats the Competition**
How does the one-of-a-kind MP Rotator compare to competitor products? See for yourself in this short video:
[ hunter.direct/mpcompare ]

**Hunter University: Technician Program**
Our industry-leading Technician Level courses are designed to equip contractors with basic knowledge of each product line:
[ training.hunterindustries.com ]
Helping our customers succeed is what drives us. While our passion for innovation and engineering is built into everything we do, it is our commitment to exceptional support that we hope will keep you in the Hunter family of customers for years to come.

Gregory R. Hunter, CEO of Hunter Industries

Gene Smith, President, Landscape Irrigation and Outdoor Lighting