The MP Rotator
Setting the Standard for Water Efficiency

**High Uniformity**
Precision-engineered streams provide excellent coverage and superior wind resistance

**Low Precipitation Rate**
Reduces runoff on slopes and tight soils

**Flexible Design Tool**
From 1.2 to 9.1 m spacing—any models can be combined on the same zone

**Automatic Matched Precipitation**
Even after arc and radius adjustment

**Proven Durability and Reliability**
Rotator® technology proven since 1987 in the agricultural market

**Quick, Easy Arc and Radius Adjustments**
Fast installation—no nozzles to change
The One and Only

The MP Rotator is a multistream rotor like no other. It installs on the Hunter Pro-Spray® and MPR40 bodies, giving you the versatility your project needs. What makes the MP Rotator so special? It is in the MP—true matched precipitation that is. Any combination of the many rotators you see on the right can operate in conjunction with one another, giving you ultimate flexibility you simply can’t duplicate with any other product.

The MPR40 and The MP Rotator—A Perfect Combination

Designing and working with the MP Rotator gave us the opportunity to make it even better. How? We did this by determining its optimal operating pressure.

The end result: The MPR40. As the name suggests, we calibrated the MPR40 to provide the MP Rotator with a consistent 2.6 bars. Even more, we’ve added a new gray-colored body cap for easy identification. Together, the two are a true blend of technology and performance. In fact, the MPR40 is the only product of its kind. Discover the MPR40. Paired with the MP Rotator, it’s a partnership that performs.

MPR40 Key Features

1. Built-in the stem regulator set at 2.6 bars
2. New easy-to-identify gray cap
3. Pressure-wactivated, multifunction, no flow-by wiper seal
4. Two-piece ratcheting riser for quick arc alignment
5. Factory-installed drain check valve

The MPR40 Sprinkler Body:
Four models available: 10 cm (4"), 15 cm (6"), and 30 cm (12"). Shrub model not shown.
Design By Color

Color-coded for easy identification, the MP Rotator is the perfect solution for water efficiency. The MP Rotator is easy to install and a breeze to adjust.

Models

MP1000 (Female Thread) & MP1000HT (Male Thread)

- **Radius Range**: 2.4 to 4.6 m including all pressure and radius adjustment influence
- **Pressure Range**: 2.1 to 3.8 bars
- **Application Notes**
  - Low trajectory, perfect for smaller areas
  - For minimum radius, install on a 2.1 bars regulated Institutional Spray body

MP2000 (Female Thread) & MP2000HT (Male Thread)

- **Radius Range**: 4.0 to 6.4 m including all pressure and radius adjustment influence
- **Pressure Range**: 1.7 to 3.8 bars
- **Application Notes**
  - Flow rate is about 1/3 of a 4.6 m spray head; and yet has greater radius and higher uniformity
  - For minimum radius, install on a 2.1 bars regulated Institutional Spray body

MP3000 (Female Thread) & MP3000HT (Male Thread)

- **Radius Range**: 6.7 to 9.1 m including all pressure and radius adjustment influence
- **Pressure Range**: 2.1 to 3.8 bars
- **Application Notes**
  - Flow rate is about the same as a 4.6 m spray head; and yet has greater radius and higher uniformity
  - For minimum radius, provide adjustable zone pressure regulation; Installation on a 2.1 bars pressure regulated Institutional Spray body is not recommended if radius reduction is needed
  - For maximum radius, provide pressures over 2.6 bars

MPCorner (Female Thread) & MPCornerHT (Male Thread)

- **Radius Range**: 2.4 to 4.6 m
- **Pressure Range**: 2.1 to 3.8 bars
- **Application Notes**
  - Designed for application in areas with less than 90 degrees of arc area necessary
  - Does not require adjacent sprinklers to reach into the first 0.9 to 1.5 m of coverage

MPLC515 (Female Thread) & MPLCSHT515 (Male Thread)

- **Pressure Range**: 2.1 to 3.8 bars
- **Application Notes**
  - Matched precipitation even after radius reduction with head to head spacing
  - Can be used on the same zone with the MP1000, MP2000 or MP3000 and still maintain matched precipitation
  - Adjustable right edge

MPSS530 (Female Thread) & MPSSHT530 (Male Thread)

- **Pressure Range**: 2.1 to 3.8 bars
- **Application Notes**
  - Matched precipitation even after radius reduction with head to head spacing
  - Can be used on the same zone with the MP1000, MP2000 or MP3000 and still maintain matched precipitation
  - Adjustable right edge to fit curved strips

MPRCS515 (Female Thread) & MPRCSHT515 (Male Thread)

- **Pressure Range**: 2.1 to 3.8 bars
- **Application Notes**
  - Matched precipitation even after radius reduction with head to head spacing
  - Can be used on the same zone with the MP1000, MP2000 or MP3000 and still maintain matched precipitation
  - Edges are fixed
Maintain Matched Precipitation – Any Model, Any Arc, Any Radius

<table>
<thead>
<tr>
<th>Adjustable Radius</th>
<th>Adjustable Arc</th>
</tr>
</thead>
<tbody>
<tr>
<td>All models of the MP Rotator allow for easy radius adjustment of up to 25% while maintaining automatic matched precipitation.</td>
<td></td>
</tr>
<tr>
<td>90° to 210°</td>
<td>210° to 270°</td>
</tr>
</tbody>
</table>

**MP1000**
- Stream Height at 2 bars = 0.4 m
- Radius Reduction

**MP2000**
- Stream Height at 2 bars = 1 m
- Radius Reduction

**MP3000**
- Stream Height at 2 bars = 2 m
- Radius Reduction

**MP Corner**
- Stream Height at 2 bars = 2 m
- The MP Corner is designed for tight corners that are difficult to irrigate properly with conventional sprinklers. It has an adjustable arc from 45° to 105°, maintains MPR at any arc, any radius and can be placed on the same zone with any other MP Rotator model.

**MP Strip**
- Example with triangular spacing.
- The three MP Strip models of the MP Rotator family offer an exciting alternative to irrigate strip areas. Strip models offer improved uniformity and excellent wind-fighting ability. The reduced flow rate compared to conventional sprays makes longer runs and/or fewer zones possible.
### MP2000 – 90°

**MP Rotator Performance Data – Metric**

<table>
<thead>
<tr>
<th>Arc</th>
<th>Radius (m)</th>
<th>Flow (LPH)</th>
<th>Pressure (kPa)</th>
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<tbody>
<tr>
<td>1.75</td>
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<td>200</td>
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<tr>
<td>3.00</td>
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<td>450</td>
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<tr>
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<tr>
<td>4.00</td>
<td>650</td>
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<td>650</td>
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### MP3000 – 8° to 91°

**MP Rotator Performance Data – Metric**

<table>
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<th>Arc</th>
<th>Radius (m)</th>
<th>Flow (LPH)</th>
<th>Pressure (kPa)</th>
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<tr>
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<tr>
<td>3.00</td>
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**Options**