Featuring a unique, multi-trajectory rotating stream delivery system that achieves water-conserving results, the MP Rotator is a revolutionary product, unlike anything else in the field of irrigation.

A multi-stream rotor the size of a spray nozzle, the MP Rotator features only one moving part…technology that assures proven reliability. It fits any conventional spray head body or shrub adapter, transforming one into a high uniformity, low precipitation rate sprinkler that boasts an industry first: true matched precipitation at any arc and any radius.

The MP Rotator is ideal for new systems, with ultimate design flexibility (from 4' strip to 30' radius), as well as lower installation costs and better system efficiency. It's also perfect for revitalizing older systems—a retrofit can solve both low pressure and poor coverage problems. Plus, it's the solution for slopes and tight soils, as the low precipitation rate radically reduces runoff.

To save water, solve problems, and simply do a better job of irrigating, make the switch to the MP Rotator.

Features & Benefits

Superior Efficiency

Multiple rotating streams provide excellent uniformity

Matched Precipitation

Automatic matched precipitation even after arc and radius adjustment

Minimal Runoff

Low precipitation rate reduces runoff on slopes and tight soils

Rotator® Technology

Proven in demanding agricultural conditions since 1987

Superior Dirt Tolerance

"Double-pop" flushes on start-up and shut-down

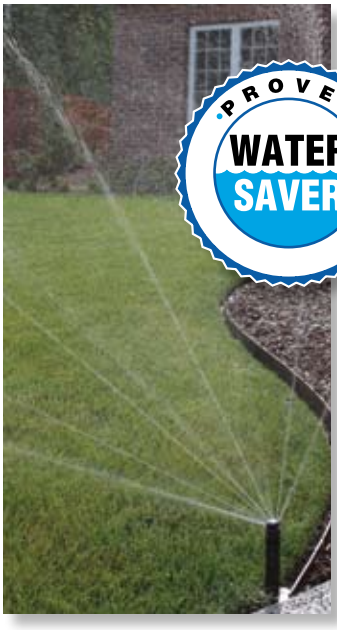
Simple and quick adjustments

Easy arc adjustment, easy radius adjustment up to 25%, no nozzle to change

Revitalize Old Systems

With so many models to choose from, the MP Rotator has the perfect solution for rejuvenating an older spray system without requiring a new point of connection, new lateral lines, or new valves. Some models even make it possible to eliminate existing heads, saving additional labor and material costs. Even better, independent water audits have shown potential water savings of up to 30% when systems are retrofitted with MP Rotators.

Setting a New Standard for Water E□ciency in the Turf and Landscape Industry



The MP Rotator's multi-trajectory, revolving streams apply water much more slowly and uniformly than conventional sprays—especially after adjustment has been made to both the radius and the arc. On slopes and clay-like soils, this allows water to soak into the landscape instead of running off and being wasted. In fact, independent audits have shown that water usage can be reduced by up to nearly one-third of current levels when conventional sprays are replaced with MP Rotator sprinklers. Additional water-saving advantages include better wind-resistance, less misting, and the ability to handle reclaimed water.

Rotating Multiple Streams: Actually a Powerful Conservation Tool

The MP Rotator's multiple, rotating streams are fascinating to watch. But form follows function in a quality irrigation product, so each MP Rotator stream is designed to complement its partners. The MP Rotator's wind-resistant, multi-trajectory streams apply water much more slowly and uniformly than conventional misters and sprays — especially after adjustments. This prevents unwanted wet spots and ugly brown spots from appearing during the heat of the summer.

Hunter's Line of "Proven Water Saver" Products: Because Every Drop Counts

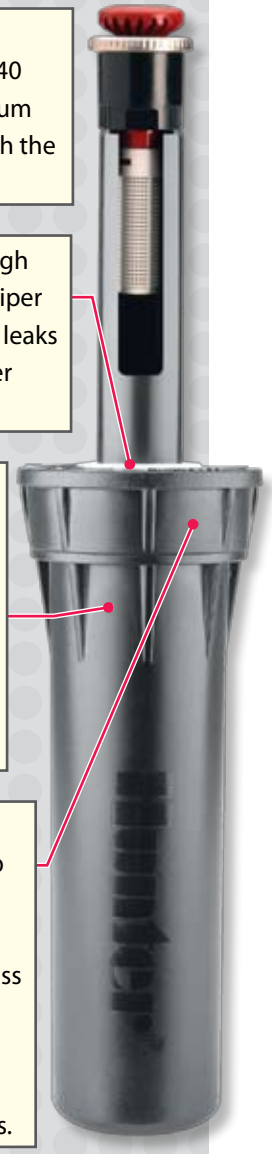
As our population grows, but our sources of water do not, there will be less of the wet stuff to go around. Never before has water conservation seemed so important.

To that end, Hunter has assembled a family of products that makes it possible for you to create a more efficient system. In fact, no other manufacturer offers such a wide array of water-saving components that covers all aspects of irrigation. Visit www.HunterIndustries.com to see all our Proven Water Savers.

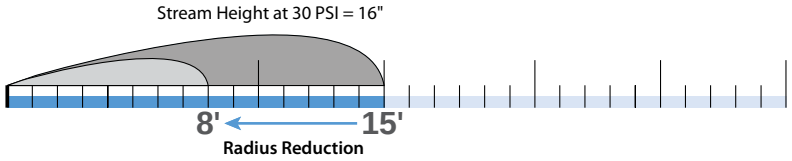
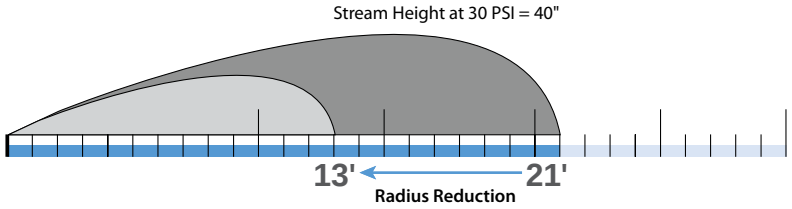
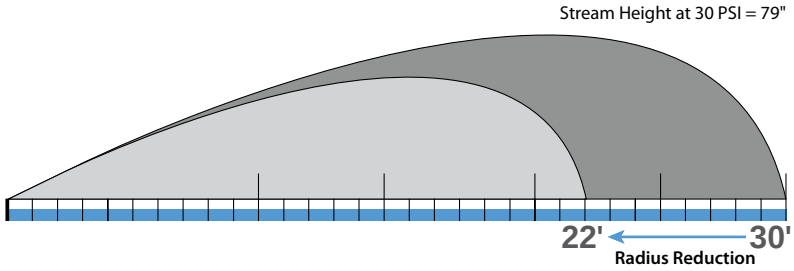
NEW

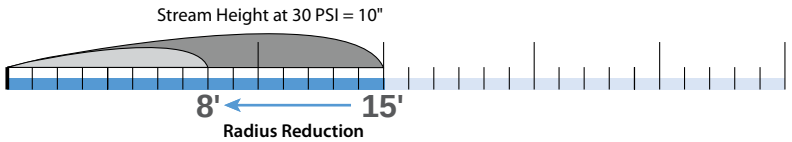
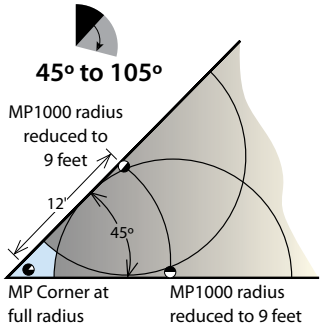
Say hello to the MPR40!

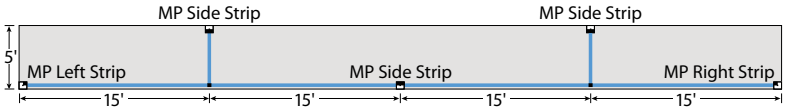
Until now MP Rotator has been seen on many different spray bodies, but never has a spray body been created just for the MP Rotator. Introducing the MPR 40, a spray body that optimizes the performance of the MP Rotator. It provides the perfect combination of Hunter's famous Pro-Spray™ body with a specially calibrated pressure regulator. This gives the MP Rotator a consistent 40 PSI output, meaning even coverage and optimal performance.



Maintain Matched Precipitation – Any Model, Any Arc, Any Radius

Adjustable Radius	Adjustable Arc		
All models of the MP Rotator allow for easy radius adjustment of up to 25% while maintaining automatic matched precipitation.	90° to 210°	210° to 270°	360°
MP1000 	MP1000-90-210 Maroon	Not Available	MP1000 -360 Olive
MP2000 	MP2000-90-210 Black	MP2000-210-270 Green	MP2000-360 Red
MP3000 	MP3000-90-210 Blue	MP3000-210-270 Yellow	MP3000-360 Gray

MP Corner	MPCorner	45° to 105°
 *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.*	 Turquoise	

MP Strip	MPLCS (Left Strip)	MPCSS (Side Strip)	MPRCS (Right 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.*	 Ivory	 Brown	 Copper

MP Rotator Performance Data

MP1000*
Radius: 8' to 15'***
Adjustable Arc and Full Circle
Color Code: Maroon or Olive

MP2000*
Radius: 13' to 21'***
Adjustable Arc and Full Circle
Color Code: Black, Green, or Red

MP3000**
Radius: 22' to 30'***
Adjustable Arc and Full Circle
Color Code: Blue, Yellow, or Gray

Arc	Pressure PSI	MP1000* Color	MP1000* Radius ft.	MP1000* Flow GPM	MP1000* Flow GPH	MP1000* Precip in/hr ■	MP1000* Precip in/hr ▲	MP2000* Color	MP2000* Radius ft.	MP2000* Flow GPM	MP2000* Flow GPH	MP2000* Precip in/hr ■	MP2000* Precip in/hr ▲	MP3000** Color	MP3000** Radius ft.	MP3000** Flow GPM	MP3000** Flow GPH	MP3000** Precip in/hr ■	MP3000** Precip in/hr ▲
90°	25	Maroon = 90° to 210°	–	–	–	–	–	Black = 90° to 210°	17'	0.31	18.6	0.41	0.48	Blue = 90° to 210°	25'	0.69	41.4	0.43	0.49
	30		12'	0.16	9.6	0.43	0.50		18'	0.33	19.8	0.39	0.45		27'	0.74	44.4	0.39	0.45
	35		13'	0.18	10.8	0.40	0.46		19'	0.37	22.2	0.39	0.46		28'	0.80	48	0.39	0.45
	40		**14'**	**0.19**	**11.4**	**0.39**	**0.45**		**20'**	**0.40**	**24**	**0.39**	**0.44**		**30'**	**0.86**	**51.6**	**0.37**	**0.43**
	45		14'	0.20	12	0.39	0.45		21'	0.42	25.2	0.37	0.42		30'	0.91	54.6	0.39	0.45
	50		14'	0.21	12.6	0.38	0.43		21'	0.44	26.4	0.35	0.40		30'	0.96	57.6	0.41	0.47
	55		15'	0.22	13.2	0.37	0.43		21'	0.47	28.2	0.37	0.43		30'	1.01	60.6	0.43	0.50
180°	25		–	–	–	–	–		16'	0.58	34.8	0.44	0.50		25'	1.44	86.4	0.44	0.51
	30		12'	0.32	19.2	0.43	0.50		17'	0.63	37.8	0.42	0.49		27'	1.58	94.8	0.42	0.48
	35		13'	0.35	21	0.40	0.46		18'	0.69	41.4	0.41	0.47		28'	1.70	102	0.42	0.48
	40		**14'**	**0.37**	**22.2**	**0.39**	**0.45**		**19'**	**0.74**	**44.4**	**0.39**	**0.45**		**30'**	**1.82**	**109.2**	**0.39**	**0.45**
	45		14'	0.40	24	0.39	0.45		20'	0.78	46.8	0.38	0.43		30'	1.93	115.8	0.41	0.48
	50		15'	0.41	24.6	0.38	0.43		21'	0.83	49.8	0.36	0.41		30'	2.04	122.4	0.44	0.50
	55		15'	0.43	25.8	0.37	0.43		21'	0.85	51	0.37	0.43		30'	2.13	127.8	0.46	0.53
210°	25		–	–	–	–	–		16'	0.68	40.8	0.44	0.50		25'	1.68	100.8	0.44	0.51
	30		12'	0.37	22.2	0.43	0.50		17'	0.74	44.4	0.42	0.49		27'	1.84	110.4	0.42	0.48
	35		13'	0.41	24.6	0.40	0.46		18'	0.80	48	0.41	0.47		28'	1.99	119.4	0.42	0.48
	40		**14'**	**0.43**	**25.8**	**0.39**	**0.45**		**19'**	**0.86**	**51.6**	**0.39**	**0.45**		**30'**	**2.12**	**127.2**	**0.39**	**0.45**
	45		14'	0.46	27.6	0.39	0.45		20'	0.92	55.2	0.38	0.43		30'	2.25	135	0.41	0.48
	50		15'	0.48	28.8	0.38	0.43		21'	0.97	58.2	0.36	0.41		30'	2.37	142.2	0.43	0.50
	55		15'	0.50	30	0.37	0.43		21'	1.01	60.6	0.37	0.43		30'	2.49	149.4	0.46	0.53
270°	25							Green = 210° to 270°	16'	0.87	52.2	0.44	0.50	Yellow = 210° to 270°	25'	2.19	131.4	0.45	0.52
	30								17'	0.95	57	0.42	0.49		27'	2.37	142.2	0.42	0.48
	35								18'	1.03	61.8	0.41	0.47		28'	2.55	153	0.42	0.48
	40								**19'**	**1.10**	**66**	**0.39**	**0.45**		**30'**	**2.73**	**163.8**	**0.39**	**0.45**
	45								20'	1.17	70.2	0.38	0.43		30'	2.89	173.4	0.41	0.48
	50								21'	1.23	73.8	0.36	0.41		30'	3.06	183.6	0.44	0.50
	55								21'	1.30	78	0.37	0.43		30'	3.22	193.2	0.46	0.53
360°	25	Olive = 360°	–	–	–	–	–	Red = 360°	16'	1.16	69.6	0.44	0.50	Gray = 360°	25'	2.88	172.8	0.44	0.51
	30		12'	0.65	39	0.43	0.50		17'	1.27	76.2	0.42	0.49		27'	3.15	189	0.42	0.48
	35		13'	0.71	42.6	0.40	0.47		18'	1.37	82.2	0.41	0.47		28'	3.40	204	0.42	0.48
	40		**14'**	**0.75**	**45**	**0.39**	**0.46**		**19'**	**1.47**	**88.2**	**0.39**	**0.45**		**30'**	**3.64**	**218.4**	**0.39**	**0.45**
	45		14'	0.80	48	0.39	0.45		20'	1.56	93.6	0.38	0.43		30'	3.86	231.6	0.41	0.48
	50		15'	0.84	50.4	0.38	0.44		21'	1.64	98.4	0.36	0.41		30'	4.07	244.2	0.44	0.50
	55		15'	0.87	52.2	0.37	0.43		21'	1.70	102	0.37	0.43		30'	4.27	256.2	0.46	0.53

* To obtain full radius reduction for the MP1000 and MP2000, operate at a maximum of 30 PSI.
** When operating the MP3000 at full radius reduction maintain a minimum pressure of 40 PSI to assure reliable operation.
*** Lower end radius is achieved by using radius adjustment screw. Flow adjusts with radius to maintain matched precipitation.
Note: Precipitation rates are based on head-to-head throw coverage.

MP Rotator Performance Data

MPCorner
Radius: 8' to 15'
Adjustable Arc
Color Code: Turquoise

Arc	Pressure PSI	Color	Radius ft.	Flow GPM	Flow GPH
45°	25	Turquoise = 45° to 105°	–	–	–
	30		12'	0.17	10.2
	35		13'	0.18	10.8
	40		**14'**	**0.19**	**11.4**
	45		14'	0.21	12.6
	50		14'	0.22	13.2
	55		15'	0.23	13.8
90°	25		11'	0.31	18.6
	30		12'	0.34	20.4
	35		13'	0.36	21.6
	40		**14'**	**0.39**	**23.4**
	45		14'	0.41	24.6
	50		15'	0.43	25.8
	55		15'	0.46	27.6
105°	25		11'	0.36	21.6
	30		12'	0.39	23.4
	35		13'	0.42	25.2
	40		**14'**	**0.45**	**27**
	45		14'	0.48	28.8
	50		15'	0.51	30.6
	55		15'	0.53	31.8

MP Rotator Performance Data

MPLCS515
MPRCS515
MPSS530

Nozzle Model	Pressure PSI	Color	Width x Length	Flow GPM	Flow GPH
MP Left Strip	30	Ivory	4' x 14'	0.19	11.4
	35		5' x 15'	0.21	12.6
	40		**5' x 15'**	**0.22**	**13.2**
	45		5' x 15'	0.23	13.8
	50		6' x 16'	0.25	15
	55		6' x 16'	0.26	15.6
MP Right Strip	30	Copper	4' x 14'	0.19	11.4
	35		5' x 15'	0.21	12.6
	40		**5' x 15'**	**0.22**	**13.2**
	45		5' x 15'	0.23	13.8
	50		6' x 16'	0.25	15
	55		6' x 16'	0.26	15.6
MP Side Strip	30	Brown	4' x 28'	0.38	22.8
	35		5' x 30'	0.41	24.6
	40		**5' x 30'**	**0.44**	**26.4**
	45		5' x 30'	0.47	28.2
	50		6' x 32'	0.49	29.4
	55		6' x 32'	0.51	30.6

Models

MP1000 (Female Thread) **& MP1000HT** (Male Thread)
Radius Range – 8-15' including all pressure and radius adjustment influence
Pressure Range – 25-55 PSI
Application Notes
- *Low trajectory, perfect for smaller areas*
- *For minimum radius, recommended install on a 30 PSI regulated Institutional Spray body*
- *Not available in a 210-270 model*

MP2000 (Female Thread) **& MP2000HT** (Male Thread)
Radius Range – 13'-21' including all pressure and radius adjustment influence
Pressure Range – 25-55 PSI
Application Notes
- *Flow rate is about 1/3 of a 15' spray head; and yet has greater radius and higher uniformity*
- *For minimum radius, recommended install on a 30 PSI regulated Institutional Spray body*

MP3000 (Female Thread) **& MP3000HT** (Male Thread)
Radius Range – 22'-30' including all pressure and radius adjustment influence
Pressure Range – 25-55 PSI
Application Notes
- *Flow rate is about the same as a 15' spray head; and yet has greater radius and higher uniformity*
- *For minimum radius, provide adjustable zone pressure regulation; Installation on a 30 PSI pressure regulated Institutional Spray body is not recommended if radius reduction is needed*
- *For maximum radius, provide pressures over 40 PSI*

MPCorner (Female Thread) & **MPCornerHT** (Male Thread)
Radius Range – 8-15'; Pressure Range – 30-55 PSI
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 3-5' of coverage*

MPLCS515 (Female Thread) & **MPLCSHT515** (Male Thread)
Flow Range – 0.14 GPM @ 30 PSI (Min. radius)
0.26 GPM @ 55 PSI (Max. radius)
Pressure Range – 25-55 PSI
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)
Flow Range – 0.27 GPM @ 30 PSI (Min. radius)
0.51 GPM @ 55 PSI (Max. radius)
Pressure Range – 25-55 PSI
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)
Flow Range – 0.14 GPM @ 30 PSI (Min. radius)
0.26 GPM @ 55 PSI (Max. radius)
Pressure Range – 25-55 PSI
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*

A Closer Look at the MP Rotator

Color Coded Identification Ring
Model number and arc clearly visible whether the system is on or off!

Left Edge Indicator
Arc is clockwise from this mark.

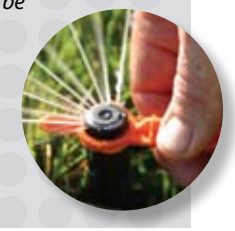
Inlet Screen
CAUTION: Do not run the MP Rotator without the inlet screen provided!.

Radius Adjustment Screw
Turn clockwise to decrease radius, built-in slip clutch prevents damage from over adjustment.

Arc Adjustment Ring*
Turn clockwise to increase the radius.

** While water is on, use orange tool to engage built-in ratchet; move past the left or right stop until edge is aligned*

The MP Rotator can be adjusted with just a screwdriver and your hand, but the MPR Tool makes adjustments even easier!



Versatility of MP Side Strips

Yet another technological breakthrough, the MP Rotator Strip. You are now able to take all the benefits of the MP Rotator into spaces you never thought possible. The MP Rotator strip is the perfect solution for small areas of turf or plants. As the name suggests, you have total control in watering strips and still maintain unsurpassed uniformity and performance. A new dimension in watering flexibility is available now.

SPECIFICATION GUIDE

EXAMPLE: **MP2000*** **- 90-210**

MODEL **MP1000** **MP2000** **MP3000**	**ADJUSTABLE ARC** **90-210** = 90° to 210° **210-270** = 210° to 270° (Not available for MP1000) **360** = 360°
MPCORNER	**45-105** = 45° to 105°
MPLCS515 **MPRCS515** **MPSS530**	**LEFT** **SIDE** **RIGHT**

* **Note:** Add "HT" to to specify male thread.

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