MP ROTATOR®

High-Efficiency Multi-Stream Nozzle

AVOID RUNOFF AND SAVE WATER *with the world's most efficient nozzle*

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.

MP ROTATOR® MAXIMIZES EFFICIENCY

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

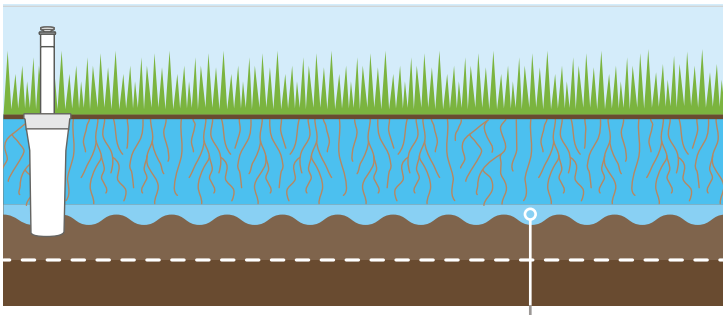
Compatible with all spray bodies; perfect for retrofits. Use the MP-HT for female-threaded spray bodies.

Pressure Regulation

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

SAVE MONEY
by using up to LESS WATER **30%**

MP Rotator Provides Uniform Distribution

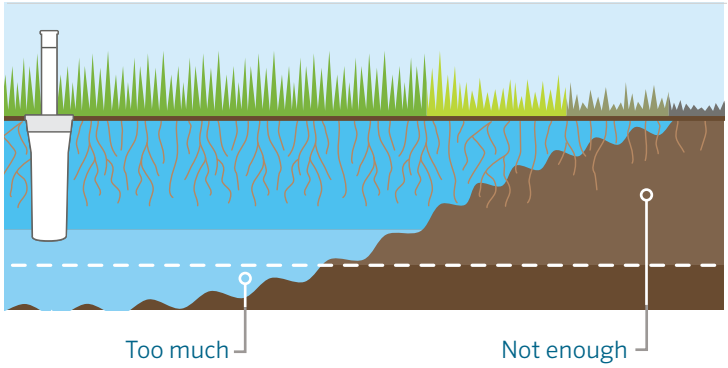


Even coverage with matched precipitation

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 0.4 in/hr with the standard MP Rotator and 0.8 in/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 1.6 in/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 5' strip to 35' radius), decreases material costs, and enhances system efficiency. The MP Rotator is also perfect for revitalizing 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

	MP1000	MP2000	MP3000	MP3500	MP CORNER	MP MALE-THREADED
Radius	8' to 15'	13' to 21'	22' to 30'	31' to 35'	8' to 15', 45° to 105°	
Arc						
90° to 210°	MP1000-90	MP2000-90	MP3000-90	MP3500-90	MPCORNER	MP-HT
210° to 270°	MP1000-210	MP2000-210	MP3000-210			
360°	MP1000-360	MP2000-360	MP3000-360			

MP800 Series

	MP800SR	MP815
Radius	6' to 12'	8' to 16'
Arc		
90° to 210°	MP800SR-90	MP815-90
210° to 270°		MP815-210
360°	MP800SR-360	MP815-360

MP Strips

	5' x 15' Left Corner	5' x 15' Right Corner	5' x 30' Side Strip
Shape	MPLCS515	MPRCS515	MPSS530

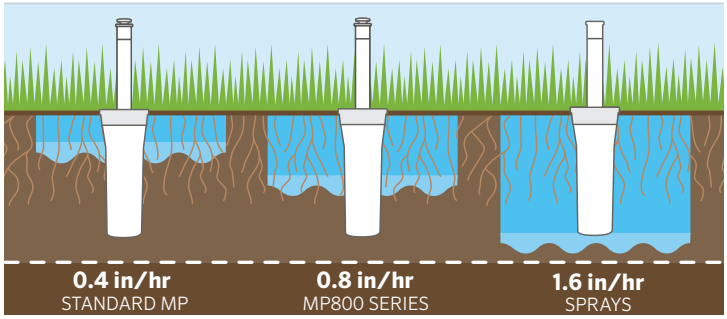
Note: The MP800 Series has a precipitation rate of 0.8 in/hr. Since this precipitation rate differs from standard MP Rotator rate of 0.4 in/hr, we recommend zoning the MP800 Series separately to maintain matched precipitation within each zone. MP Strips can be used with both the Standard MP Rotator Series and the MP800 Series depending on the layout.

MP ROTATOR® PRECIPITATION RATES

MP Rotator Precipitation Rates

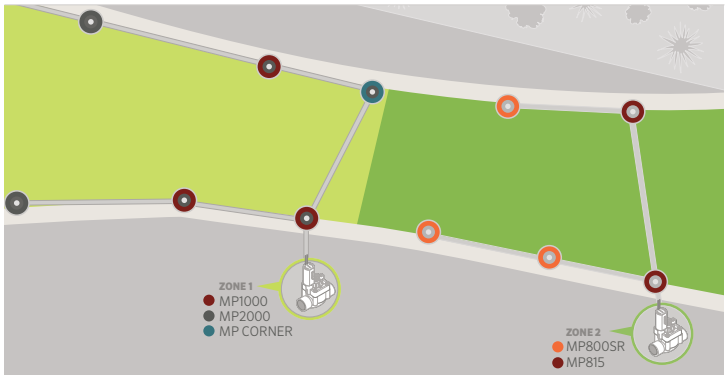
A precipitation rate is the depth of water applied to the landscape over a period of time. Different types of sprinkler nozzles apply water at different precipitation rates. Matching your precipitation rate, or application rate, to your soil intake rate will eliminate the hazards of runoff and help conserve water. Standard MP Rotators have a slow precipitation rate of 0.4 in/hr for tight soils and steep slopes. Use the 0.8 in/hr rate of the MP800 Series for medium-grade soils and gentle slopes. Spray nozzles, which have precipitation rates of 1.6 in/hr, are great for sandy soils.

Precipitation Rates by Product

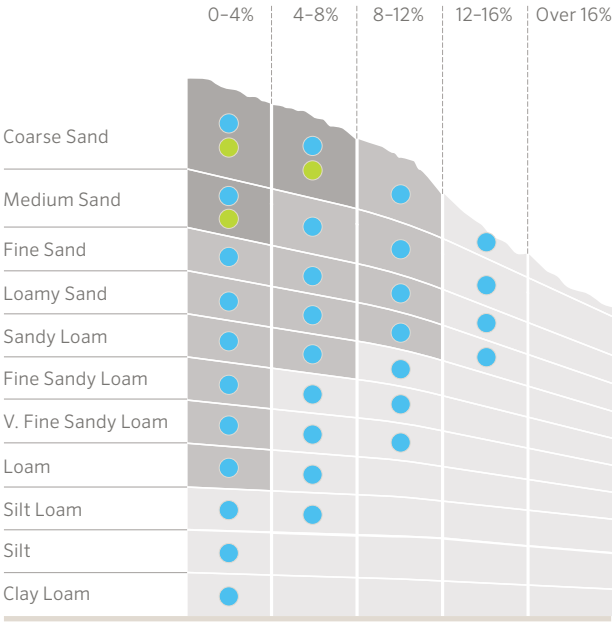


Be sure to factor precipitation rates into your run times.

MP Rotator Zones



Infiltration Rate by Soil Type (in/hr)



Water infiltration into the soil is less than:
1.5 in/hr 1 in/hr 0.5 in/hr

MP Rotators deliver water slowly, at a rate that typical soils can absorb.

Standard sprays apply water at a rate much higher than most soils can absorb, causing runoff in most soil types.

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 0.4 in/hr. These models eliminate runoff in most soil types, and they provide uniform coverage from 5' wide side strips up to a radius of 35'. The MP800 Series has a 0.8 in/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 color-coded with black bodies, or canisters. MP800 series models have gray 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 defense against dirt and debris. A full suite of accessories makes routine field service a breeze.

MP Rotator Accessories

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

MP STICK P/N MPSTICK
The MP Stick fits on to 1" PVC of any length so you can easily adjust MP Rotators from a standing position. PVC pipe not included.

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

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

Online Training: Technician Program
Our industry-leading Technician Level courses are designed to equip contractors with basic knowledge of each product line:
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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

Website hunterindustries.com | **Customer Support** 1-800-383-4747 | **Technical Service** 1-800-733-2823

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