

CHEMICAL AND STATIC MIXERS



MAGNUM ACCELERATORS™

Magnum Accelerators™ are designed for residential and commercial applications with virtually zero contact time required to treat water with any type of chemical feed, including air and ozone.



BENEFITS

- Each unit is compact for easy installation.
- The Magnum Accelerator static mixing design has **no moving parts** for increased durability.
- In most cases, costly retention tanks are not necessary. If retention tanks are used, the Magnum Accelerator insures an effective application.
- Will immediately and thoroughly mix any combination of gas or liquid.
- Eliminates costly supplemental equipment in most applications.
- Cost effective way to improve any existing application.
- Durable PVC construction with polypropylene internal component.

APPLICATIONS

Chemical and water mixing for treatment of:

- Iron and manganese
- Hydrogen sulfide
- Corrosion control
- Tannin
- pH control
- Polymers and flocculants

These in-line static mixers have completely revolutionized the chemical feed portion of the water treatment industry. These mixers will enhance any type of chemical feed, including air injection. The Magnum Accelerator mixes the chemicals in several stages to insure proper mixing while only using energy from the water flow. It also allows for the gases (oxygen) already in solution to help during the process. When water passes through the Magnum Accelerator, it becomes extremely violent as it passes through the chamber, allowing the chemicals to become thoroughly mixed with the water. As a result, the use of a contact tank is reduced or eliminated.

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PICTURED LEFT TO RIGHT:

NE-MA-4CLR, NE-MA-6, NE-MA-1, NE-MA-7

These economical Magnum Accelerators™ have increased durability with PVC outer construction and a polypropylene inner component. The no moving parts, static mixing design insures an immediate and thorough mix of any combination of gas or liquid, and is easy to install. These chemical mixers can eliminate the need for retention tanks in many applications.

APPLICATIONS

- Boilers
- Laundries
- Car washes
- Cooling towers
- Pools, spas, and fountains
- Pre- and post- reverse osmosis treatment
- Chemical and water mixing for treatment of:
Iron and manganese, tannin, hydrogen sulfide, pH control, corrosion control, polymers and flocculants
- Blending
- Agriculture
- Disinfection
- Waste water treatment

Part Number	Tube Color	Recommended Flow Rate GPM	Inlet / Outlet Pipe Size	Injection Port	Weight Lbs.	Max. Temp./ Pressure
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Residential Sized, High Efficient Mixers

NE- MA-1	Gray	2 to 20	0.75" NPT	0.5" FNPT *	2	110°F / 90 PSI
NE- MA-1CLR **	Clear	2 to 20	0.75" NPT	0.5" FNPT *	2	110°F / 90 PSI
NE-MA-4	Gray	3 to 25	1" NPT	0.5" FNPT *	2	110°F / 90 PSI
NE-MA-4CLR **	Clear	3 to 25	1" NPT	0.5" FNPT *	2	110°F / 90 PSI

* Assembled with 0.5 inch FNPT injection port and a 0.5 x 0.25 inch NPT reducer is included.

** 5 piece minimum order.

Static Mixers — Low Pressure Drop (No Injector Port)

NE-MA-6	Gray	5 to 35	1.25" SOCKET	N/A	3	100°F / 120 PSI
NE-MA-7	Clear	20 to 100	2" UNION	N/A	3	100°F / 120 PSI