CHEMICAL AND STATIC MIXERS

INLINE STATIC MIXERS

SWT's Inline Static Mixers are designed for residential and commercial water treatment applications that are required to treat water with any type of chemical feed, including air and ozone.

BENEFITS

- Each unit is compact for easy installation.
- The 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 static mixer 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 inline 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 and ozone. The PVC units mix the chemicals in several stages to insure proper mixing while only using energy from the water flow. They also allow for the gases (oxygen) already in solution to help during the process. After the chemical feed enters the inline static mixer, it becomes extremely turbulent as it passes through the mixing chamber, allowing the chemicals to become thoroughly mixed with the water. As a result, the use of a contact tank is reduced or eliminated.

SAFE WATER TECHNOLOGIES, INC.
996 BLUFF CITY BOULEVARD, ELGIN, IL 60120 USA
TELEPHONE 847 888 6900 • FACSIMILE 847 888 6924
E MAIL: info@swtwater.com • WEB SITE: www.swtwater.com

FORM 1195
EFFECTIVE
OCTOBER 2021

CHEMICAL AND STATIC MIXERS

INLINE STATIC MIXERS

PICTURED LEFT TO RIGHT:
NE-MA-4CLR, NE-MA-6, NE-MA-1, NE-MA-7

These economical, easy-to-install, Inline Static Mixers are built for a long, maintenance-free life with a PVC outer construction and a polypropylene baffle. The static mixing design with NO moving parts insures an immediate and thorough mix of any combination of gas or liquid. These chemical mixers can eliminate the need for retention tanks in many applications.

APPLICATIONS

- Boilers
- Laundries
- Car washes
- Cooling towers
- Blending
- Agriculture
- Disinfection
- Waste water treatment
- 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

Part Number	Tube Color	Recommended Flow Rate GPM	Inlet / Outlet Pipe Size	Injection Port	Max. Temp./ Pressure	Dimensions Inches
Residential Sized, High Efficiency Inline Mixers						
NE-MA-1	Gray	2 to 20	3/4" FNPT	1/2" FNPT *	110°F / 100 PSI	2 x 12.5
NE-MA-1CLR	Clear	2 to 20	3/4" FNPT	1/2" FNPT *	110°F / 100 PSI	2 x 12.5
NE-MA-4	Gray	3 to 25	1" FNPT	1/2" FNPT *	110°F / 100 PSI	2 x 12.5
NE-MA-4CLR	Clear	3 to 25	1" FNPT	1/2" FNPT *	110°F / 100 PSI	2 x 12.5
NE-MA-6C	Gray	5 to 30	1-1/4" Socket	1/2" FNPT *	110°F / 100 PSI	2 x 11

* Assembled with 1/2 inch FNPT injection port and a 1/2 x 1/4 inch NPT reducer is included.

Inline Static Mixers — Low Pressure Drop (No Injector Port)						
NE-MA-6	Gray	5 to 30	1-1/4" Socket	N/A	110°F / 100 PSI	2 x 11
NE-MA-6-U40 *	Gray	5 to 30	1-1/4" Socket	N/A	110°F / 100 PSI	2 x 11
NE-MA-6-U80 **	Gray	5 to 30	1-1/4" Socket	N/A	110°F / 100 PSI	2 x 11
NE-MA-7	Clear	20 to 85	2" Union Socket Weld	N/A	110°F / 100 PSI	4.125 x 14

* With Sch. 40 PVC Unions added.
** With Sch. 80 PVC Unions added.

SAFE WATER TECHNOLOGIES, INC.
996 BLUFF CITY BOULEVARD, ELGIN, IL 60120 USA
TELEPHONE 847 888 6900 • FACSIMILE 847 888 6924
E MAIL: info@swtwater.com • WEB SITE: www.swtwater.com

FORM 1195
EFFECTIVE
OCTOBER 2021