

<u>Series "SMFRP" Fiberglass</u> <u>In Line Static Mixers</u>



The SMFRP series of static mixers are high performance mixers designed to meet a wide range of mixing applications. These cost effective solutions offers consistent mixing results.

BENEFITS

- High mixing shear.
- Low cost, economic design reduces static mixer costs.
- Can be customized to fit your requirements.
- Low energy consumption.
- Easy installation.
- No maintenance.

APPLICATIONS

- Potable Water Applications
- Reverse Osmosis chemical addition
- Chemical Mixing

SPECIFICATIONS

MATERIALS OF CONSTRUCTION

Vinyl Ester Resin Fiberglass.

END FITTINGS

SMFRP Series In Line Mixers are available with:

Flanged ends

MIXING ELEMENTS

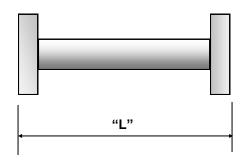
SMFRP mixers uses a series of 4 to 8 eccentric mixing elements. Each element spins the fluid stream using spiral tornado-like twisting forces that are repeatedly reversed to create a series of impacts for the highest levels of mixing.

INJECTORS & ACCESSORIES

A wide range of injectors, additive and sampling ports can be integrated into the static mixer.

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MIXER DIMENSIONS



Length of Static Mixer						
Pipe diameter	Length of Mixer "L"					
	4 element	6 element	8 element	Additional length for a single injection port		
6"	16	24	32	6		
8"	21	33	42	6		
10"	26	40	52	8		
12"	32	48	62	8		
14"	Call for Lengths. Mixers can be supplied to meet your specifications					
16"						
18"						
20"						
24"						
30"						
36"						
48" & Larger						

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CHOOSING A STATIC MIXER Recommended Flow Range

The recommended flow range will ensure a maximum pressure drop of 5 psi for water based chemicals and ensure good mixing.

Lower pressure drop styles of mixing elements if needed.

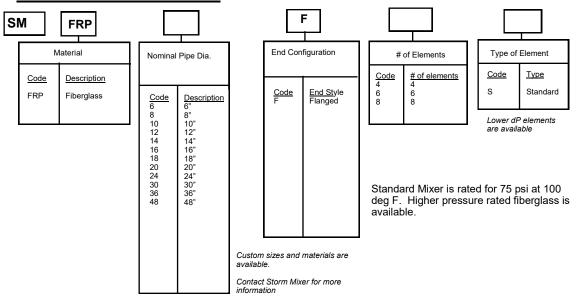
Using additional elements will improve mixing.

Contact us or see www.stormmix.com for additional information. If you have special requirements, or lower pressure drop, requirements, please contact us for specifications.

	Flow Range Minimum/Maximum (gpm)				
Pipe diameter	4 element	6 element	8 element		
6"	181 / 902	136 / 632	91 / 541		
8"	313 / 1,562	235 / 1,093	157 / 937		
10"	493 / 2,461	370 / 1,723	247 / 1,477		
12"	699 / 3,494	524 / 2,446	350 / 2,096		
14	861 / 4,304	646 / 3,013	431 / 2,582		
16	1,141 / 5,701	856 / 3,991	571 / 3,421		
18	1,459 / 7,294	1,094 / 5,106	730 / 4,376		
20	1,817 / 9,083	1,363 / 6,358	909 / 5,450		
22	2,214 / 11,068	1,661 / 7,748	1,107 / 6,641		
24	2,650 / 13,250	1,988 / 9,275	1,325 / 7,950		
30	4,194 / 20,970	3,146 / 14,679	2,097 / 12,582		
36	6,091 / 30,455	4,569 / 21,319	3,046 / 18,273		
40	7,552 / 37,759	5,664 / 26,432	3,776 / 22,656		
48	10,944 / 54,720	8,208 / 38,304	5,472 / 32,832		

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ORDERING INFORMATION



Example of a model number would be "SMFRP12F4S".

Any model that requires custom features (such as different sizes/lower pressure drops/types/quantities of ports, injectors, etc.) that are not listed will be given a custom model number such as "SMFRP <a href="https://example.com/number-such as-under-such as-under-suc

For further sizing information see the www.stormMix.com website.

TECHNICAL SUPPORT and PRODUCT ORDERING

Storm Mixer provides unsurpassed product performance and value for our customers. Our experienced professionals can help you select the right solution for your application. For more information or to place an order, contact your local distributor. Information on product specifications, application and chemical compatibility can be found on our web site at www.stormmix.com.

This information is provided as a guide to assist you in selecting a product and options appropriate to your application. Specifications are nominal and are subject to change without notice. Detailed technical information and selection assistance are available from the company.

DISTRIBUTED BY:



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Storm Mixer

Tel: 925 800 1467 Fax: 925 575 8726

email: info@stormMix.com

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