



54-Inch Model 6000 Mixer

We shipped this 54-Inch Model 6000 Counter-Swirl Static Mixer to the Pittsburgh, Pennsylvania area to treat drinking water with sodium hypochlorite (chlorine). To this date it is the largest Model 6000 we have sold, and this model was chosen because of its excellent mixing — in only 3 diameters — with minimal headloss even at maximum flow rate.



Easily Meets Low Headloss Spec

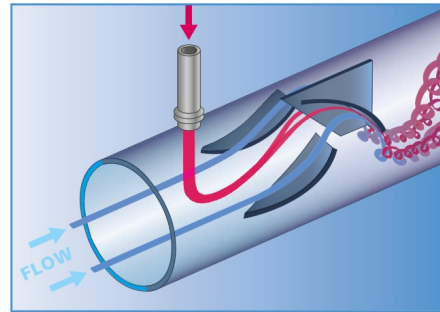
The mixer will be used to blend 12.5% sodium hypochlorite (chlorine) into a 54 inch line. The flow rate through the mixer will vary from 20 to 91 millions of gallons of water a day. The mixer does all this while staying under 1 psi of headloss, meeting the specification called for.

The Model 6000 is non-clog thanks to the leading 45 degree edge on the center fin, meeting another (typical) customer specification.



Base of Economical Carbon Steel
54-Inch Mixer made of carbon steel ready for its NSF-61 coating to be applied. With larger size mixers, (24 inches plus), the saving of using carbon steel

offsets the cost of using special coatings.



The Model 6000 Mixer features three curved fins welded to a pipe interior. The two lateral fins are inserted one to three inches upstream of the center fin. U.S. Patent 11,097,232

NSF-61 Approved Coating

The mixer is coated with NSF-61 approved Tnemec Pota Pox Plus Series 140 epoxy paint, specified because this is a drinking water application.



Mixing in 3 Diameters

The Model 6000 delivers complete mixing (CoV 0.025 and K-Value of 1.26) within three pipe diameters. It reduces space requirements and saves customers on the cost of additive because of its speed and effectiveness.

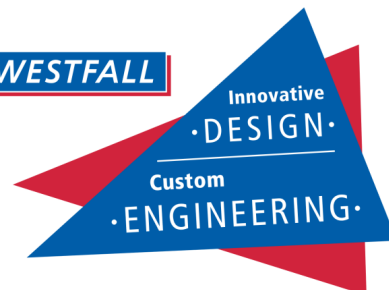
Only Requires 1 Injection Port

This mixer only needs one injection port per chemical instead of two, though it can accommodate multiples in a series or row.

Contact us for a Consultation

Westfall's in-house CFD analysis is available for predictive performance data on our mixers. We also work with independent CFD laboratories if that is your preference.

WESTFALL



Westfallstaticmixers.com

Call Application Engineers:

Scott Olson or Matthew Peters

01.888.928.3747 or 01.401.253.3799

Westfall and the Supply Chain

The last few years have been challenging, but we want to assure our customers that our production and shipping are functioning normally.

- Westfall's supply chain remains intact.
- Orders continue to be shipped on time.