

Water Quality Association

4/19/2021



CERTIFIED HOUSEHOLD AND COMMERCIAL CATION EXCHANGE WATER SOFTENERS

NSF/ANSI 44 - 2018: Residential Cation Exchange Water Softeners

Nugen Pure Water Systems Inc.

28 South 1550 West
Lindon, Utah 84042
United States

<http://www.nugenwater.com/> (<http://www.nugenwater.com/>)

Product Type: DIR

Brand Name	Model Number	Flow Rate (GPM)	NSF 44 Efficiency Rated (Yes/No)	CA Efficiency Rated (Yes/No)	Reduction_ClaimID
	Fusion XT-32C ¹	16	N	N	Hardness
	Fusion XT-48 ¹	14.3	N	N	Hardness
	Fusion XT-60 ¹	12.5	N	N	Hardness
	Fusion XT-70 ¹	15.9	N	N	Hardness

Product Type: DIR-Efficiency Rated

Fusion XT-70ER ¹	15.9	Y	N	Hardness
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¹ Recent research on an emerging drinking water contaminant has shown that cation exchange water softeners which are certified to reduce hardness to <1 grain per gallon, will also reduce the concentration of strontium. This occurs because the cation exchange media preferentially captures the dissolved strontium ions even before capturing the calcium and magnesium ions which cause water hardness. The study also found that this capture of the strontium ions has no measurable impact on the softeners overall capacity to reduce hardness, which is most likely attributable to the relative concentrations of these ions in drinking water. Contact the Water Quality Association with the following reference if you would like more information on this research. Brotman, M. (2017). Reduction of Strontium in Drinking Water by Whole House Ion Exchange. Kent State University.