

## COMPARISION BETWEEN SALT and NON-SALT SOFTNER

Sr.NOS	Description	Salt Softner	Non salt Softner	Benefits
01	Process of Softening	Artificial	Natural	Feel good
02	Overall Size	Huge and Bulky	Compact	Saves Space
03	Maintenance	At Regular Intervals	No Maintenance	Saves Time,Labor
04	Recharge	With Crystal Salt	No Salt	Saves environment,and thousands of rupees per year.
05	Replacement every 2yrs	Resins	No resins	Saves labor and thousands of rupees per yr
06	Working Principal	Chemical treatment exchange of CA and MG replacing them with NACL	No exchanges only physical treatment with Catalytic alloy. Lowers the surface tension of the water and further micro crystallizes the CA and MG reverses their micro electric charge	Thereby the water becomes functionally soft , becomes anti scalant, removes the existing scale in the pipes as well from the Taps and showers,protects Geysers, Wasing m/c etc
07	Back Wash	Requires twice in an week,pollutes the enviroment	No back wash	Saves, time,labor,water,Power and does not pollute the environment.
08	TDS Vs HARDNESS	Hardness is reduced at the cost of Increasing the TDS	No reduction and No Increase	Keeping the parameters same the water is Ionically and Naturally softened
09	Effect of Water	Cannot remove existing scale,still can damage the washm/c and geyser because of heavy salt in the end	Removes existing scale,scum formation from utensils,clothes,tiles, no scum formation on the skin glowing effect seen on the skin, protects the hair fall, improves	Test of the water is Better Feel of water wetness,tea bag gets properly dissolved in the treated water vs the borewell water

		product which will corrode at higher temperature	Foam formation, absorbs detergent effectively	
10	Life span	If maintained regularly and replacement of the parts and consumables	15 years	No maintenance. works on the Principal of Catalytic alloy means an Catalyst aids for an reaction but it itself does not get consumed in the reaction
11	<b>Savings per Year</b>	<b>Nil</b>	<b>Saves year by year</b>	<b>Approx Rs 30,000.00 per year for larger size used for an apartment and Rs 16,000.00 for an Independent house</b>
12	Cost per Unit	Rs 75,000.00 for an medium size apartment and Rs 22,000.00 for an Independent house	Rs 25,000.00 for an medium size apartment and Rs 12,000.00 for an Independent house	Saving saving saving no expenditure Natural way

**Finally**

**NO**

**[Salt Maintenance Replacement    Pollution    Expenditure    Chemicals    Labor Wastages**

**Power]**

