PP0133 0410
Supersedes
New

PREMIER SOFTENER SELECTION & SETTING CHART (12 Day)

No. of People	Size	ADJUSTED HARDNESS - GRAINS PER GALLON (GPG)																		
		5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
1	30K	6/1	6/1	6/1	6/2	6/2	6/2	6/2	6/2	9/2	9/2	9/2	9/2	12/2	12/2	12/2	12/2	12/2	12/2	12/2	15/2
2		6/1	6/1	6/2	6/2	6/3	6/3	6/3	6/4	9/3	9/4	9/4	9/4	12/3	12/3	15/3	15/3	15/3	12/4	12/4	12/4
3		6/1	6/2	6/2	6/3	6/3	6/4	6/6	6/6	9/6	9/6	9/6	9/6	15/4	18/4	18/4	18/4	18/4	12/6	12/6	12/6
4		6/1	6/2	6/3	6/4	6/4	6/6	9/6	9/6	9/6	12/6	12/6	12/6	12/6	15/6	15/6	15/6	15/6	18/6	18/6	9/12
5		6/1	6/2	6/3	6/4	6/6	6/6	9/6	12/6	12/6	12/6	12/6	15/6	18/6	9/12	9/12	9/12	9/12	9/12	9/12	9/12
6		6/2	6/3	6/4	6/6	6/6	9/6	12/6	12/6	12/6	15/6	18/6	9/12	9/12	9/12	9/12	9/12	9/12	12/12	12/12	
7		6/2	6/3	6/4	6/6	12/4	9/6	12/6	15/6	18/6	9/12	9/12	9/12	9/12	9/12	12/12	12/12				
8		6/2	6/3	6/6	12/4	9/6	12/6	15/6	9/12	9/12	9/12	9/12	12/12	12/12	12/12	12/12					
9		12/1	12/2	12/3	12/4	9/6	12/6	9/12	9/12	9/12	9/12	12/12	12/12								
10		15/1	15/2	9/4	9/6	12/6	15/6	9/12	9/12	9/12	9/12	12/12									
	45K								60K				CONSULT FACTORY FOR ASSISTANCE								

How to Use This Chart

Determine the adjusted hardness of sample water by adding 3 times the amount of iron in Parts Per Million (ppm) to the hardness of water in Grains Per Gallon (gpg).

Example:	Water is 18.0 gpg hard		18.0 gpg
	Iron is 2.0 ppm	2.0 x 3.0=6.0	+ 6.0
	Adjusted hardness equals		24.0 gpg

When using this chart round off the adjusted hardness reading to the next highest figure. (for 24.0 grains adjusted hardness use 25)
Note: if no iron is present in water sample or an oxidizing filter is to be used, then actual hardness reading will also be the adjusted hardness.

Locate the box intersected by the Adjusted Hardness and No. of People. The intersected box will fall between two "bold' boundary lines. Follow these boundaries back to the column headed "size" to determine the capacity of softener to be recommended. (30K= 30,000 grain softener etc.).

The first of two numbers in the box designates salt dosage. The second number recommends frequency of regeneration per 12 day period.

Example: 6/3 would indicate a salt dosage of 6# and a regeneration frequency of 3 times every 12 days or every 4th day.

Iron * IMPORTANT * Sulfur

Softeners are designed to handle reasonable amounts of soluble iron if consideration is given to iron content when selecting a model. Sulfur, bacterial iron, and precipitated iron require special equipment in often times in addition to a water softener.

Note: This chart is based on averages and when properly used will adequately handle most situations. Unusual conditions in a household affecting water usage or other related factors may require special consideration when determining model and settings.

Type of Iron	IRON PARTS PER MILLION (PPM)										
	1	2	3	4	5	6	7	8	9	10	> 10
Ferrous / "Clear Water"	Standard Water Softener			Combo Series Water Softener					Chem-Free Iron FIlter		Chlorination / Chemical Feed
Ferric / Red Water	Combo Series Water Softener				Chem-Free Iron Filter						
Bacterial / Slime	Chlorination / Chemical Feed										