

Hybrid Water Softener

Water Softening is the oldest and simplest ion exchange technology, water softening can be defined as the removal of Calcium and Magnesium from water. Water softening resins are easily fouled by metals and can be damaged by chlorine levels as low as 0.3 ppm. Soft water is easily recognized by it's distinctive slimy feel and soda taste. Our Softening Solution softens water and addresses Heavy Metals in water with our AquaPro 2.0 Hybrid resin.

Next Generation Hybrid Water Softener Providing More Than Just Soft Water!

Fractional Upflow Dry Brining

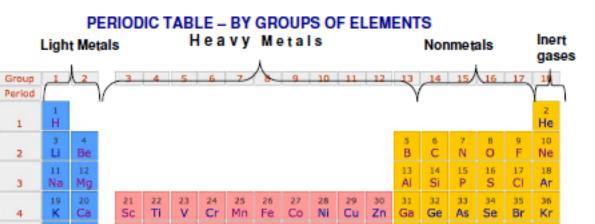


Softener Design Considerations

AquaPro 500-2 Hybrid Resin

(Hardness and Heavy Metals)

Calcium	Magnesium
Iron	Copper
Zinc	Chromium
Lead	Mercury
Nickel	Manganese
Lithium	Aluminum
Silver	Gallium
Germanium	Antimony
Bismuth	Cadium





5	37 Rb	38 Sr		39 Y	40 Zr	41 Nb	42 Mo	43 TC	44 Ru	45 Rh	46 Pd	47 Ag	48 Cd	49 In	so Sn	51 Sb	52 Te	53 I	54 Xe
6	55 CS	se Ba	*	71 Lu	72 Hf	73 Ta	74 W	75 Re	76 OS	77 Ir	78 Pt	79 Au	80 Hg	81 TI	82 Pb	83 Bi	84 Po	85 At	86 Rn
7	87 Fr	ss Ra	**	103 Lr	104 Rf	105 Db	106 Sg	107 Bh	108 Hs	109 Mt	110 Ds	111 Rg	112 Cn	113 Uut	114 Uuq	115 Uup	116 Uuh	117 Uus	118 Uuo
															ww.	webe	lemer	nts.co	m
				57	58	-59	60	61	62	63	64	65	-66	67	68	69	70		
*Lanthanoids				La	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	En	Tm	Yb		
**Actinoids			**	89 Ac	90 Th	91 Pa	92 U	93 ND	94 Pu	.95 Am	95 Cm	97 Bk	98 Cf	99 Es	100 Em	101 Md	102 No		

Crusader Water Systems

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