



BBB Rating: A+  
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**Cleaner, Safer, Better Water** 866-682-7778

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## 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    |

#### PERIODIC TABLE - BY GROUPS OF ELEMENTS

	Light Metals		Heavy Metals										Nonmetals					Inert gases														
Group	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18														
Period 1	1 H																	2 He														
Period 2	3 Li	4 Be											5 B	6 C	7 N	8 O	9 F	10 Ne														
Period 3	11 Na	12 Mg											13 Al	14 Si	15 P	16 S	17 Cl	18 Ar														
Period 4	19 K	20 Ca	21 Sc	22 Ti	23 V	24 Cr	25 Mn	26 Fe	27 Co	28 Ni	29 Cu	30 Zn	31 Ga	32 Ge	33 As	34 Se	35 Br	36 Kr														
Period 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	50 Sn	51 Sb	52 Te	53 I	54 Xe														
Period 6	55 Cs	56 Ba	57 La	58 Ce	59 Pr	60 Nd	61 Pm	62 Sm	63 Eu	64 Gd	65 Tb	66 Dy	67 Ho	68 Er	69 Tm	70 Yb	71 Lu	72 Hf	73 Ta	74 W	75 Re	76 Os	77 Ir	78 Pt	79 Au	80 Hg	81 Tl	82 Pb	83 Bi	84 Po	85 At	86 Rn
Period 7	87 Fr	88 Ra	89 Ac	90 Th	91 Pa	92 U	93 Np	94 Pu	95 Am	96 Cm	97 Bk	98 Cf	99 Es	100 Fm	101 Md	102 No	103 Lr	104 Rf	105 Db	106 Sg	107 Bh	108 Hs	109 Mt	110 Ds	111 Rg	112 Cn	113 Nh	114 Fl	115 Uup	116 Uuh	117 Uus	118 Uuo

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