



CLEAR

Water Softening and Filtration Systems



Whole-house effective treatment of:

- ◆ Tannins
- ◆ Organic odors
- ◆ Water hardness
- ◆ Iron*

Features

- ◆ Water softening and tannin removal all in one
- ◆ Exclusive 5 year APM™ warranty

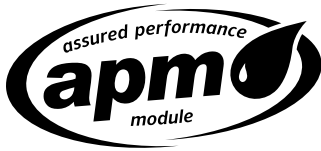
Organic matter (tannins) dissolved in your water supply can cause yellow discoloration and objectionable odors. The CLEAR filtration system effectively removes these organic substances, while providing feather soft, iron free* water.

*High iron concentrations may require additional equipment

** See official warranty for details



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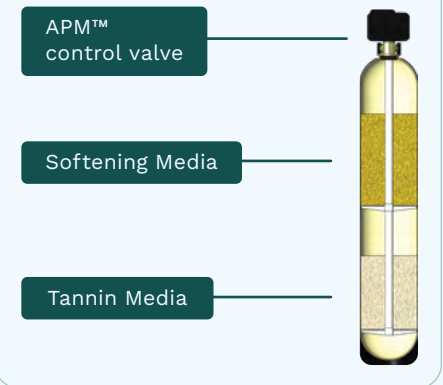
Nearly all serviceable parts lie within the removable/replaceable APM™ module. This eliminates costly and time consuming field repairs.



How it works

These systems feature two distinct media materials combined in one tank. First, high-quality water softening media eliminates calcium, magnesium, and iron hardness minerals. Next, a special anion exchange media removes natural organic tannins. Regeneration of both medias is accomplished with common water softener salt.

Primary components



NOTE: Minimum 100 PPM total alkalinity and 7.0 pH required in feed water.

Specifications	Clear-500+	Clear-500+XL
Maximum Flow (gpm) ¹	10	13
Softening Capacity (grains) ²	21,500	32,250
Tannin Capacity (grains) ²	2,500	5,000
Iron Capacity (ppm)	2	2
Mineral Tank Dimensions (in)	10 x 54	13 x 54
Brine Tank Dimensions (in)	18 x 33	18 x 33
Inlet / Outlet Connection Height (in)	56	56
Overall Height (in)	64	64
Softening Media (cu ft)	1	1.5
Tannin Media (cu ft)	0.25	0.5
Inlet / Outlet Pipe Size (in) (NPTF)	1	1
Pipe Centers (in)	2	2
Backwash Rate (gpm)	1.7	3.0
Regeneration Time (min)	90	90
Regeneration Frequency	Metered/7 days	Metered/7 days
Lbs Sodium Chloride per Regeneration ³	7	11
Drain Tubing Size (OD) (in)	5/8	5/8
Approx. Shipping Weight (lbs)	125	175

¹ Pressure loss at max flow rate = 14 psid. Exceeding the maximum flow rate may reduce the tannin removal efficiency.

² Based on 7 lbs of salt per cubic foot of media.

³ WCC recommends using pellet salt with an anti-iron \ citric acid additive (typically sold in green bags).



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