



CWS High-Efficiency Water Conditioners

Water Conditioners to Soften Water, Remove Iron (up to 3 ppm), and Remove Tannins

Designed for dependable operation year after year, Clearwater's line of high efficiency water conditioners are assembled with the highest quality components available.

Conditioners are available in a wide array of configurations to treat specific water characteristics including hardness, iron and tanins. All Clearwater conditioners feature hydraulically balanced motor driven piston control valves to assure smooth operation and excellent longevity. Regeneration is meter initiated for economical operation and all are equipped with calibrated brine systems for consistent performance.

Clearwater backs all softeners with a 2 year warranty covering both parts and labour.



We Use Quality Components From:



Fleck NXT Controller

- Premium-Quality, High Capacity Resin. (Cation or Specialty)
- 3/4" Riser Tube For Excellent Flow.
- Fail-Safe Brine Control.
- Reliable Fleck control valves operate all functions of the softener.
- Poly Glass Mineral Tanks.
All Clearwater softener tanks are constructed of a high-density non-corrosive polyethylene shell and reinforced with a fibreglass outer roving. These tanks have a maximum working pressures of 150 PSI and a working temperature up to 120°F.
- Brine Tanks.
All Clearwater softeners are supplied with blow-moulded, high-density polyethylene brine tanks. These tanks are attractive, and are guaranteed not to crack. Clearwater Brine Tanks use a Calibrated Salt Grid System for precise salt dosification and maintenance-free operation.



Hach SP-510 Hardness Analyzer

Specifications

MODEL NO.	CWS-844	CWS-1040	CWS-1054	CWS-1252	CWS-1354
CAPACITY NOM / MAX (x1000gr)	15 / 22	20 / 30	30 / 45	44 / 66	48 / 72
VALVE MODEL	2510	2510	2510	2510	2510
IN / OUT PIPE DIAMETER	3/4"	3/4"	3/4"	3/4"	3/4"
FLOW NOMINAL / MAX (GPM)*	3.5 / 5	5.8 / 8	5.5 / 8	8 / 12	9 / 14
TANK SIZE (in)	8 x 44	10 x 40	10 x 54	12 x 52	13 x 54
BRINE TANK SIZE (in)	18 x 40	18 x 40	18 x 40	18 x 40	18 x 40
BRINE TANK CAPACITY (lb)	400	320	300	250	250
SALT USAGE - LOW (lb)	6	8	12	16	22
SALT USAGE - MED. (lb)	9	12	16	24	30
SALT USAGE - HIGH (lb)	12T*	16T*	16T*	34T*	42T*
OVERALL HEIGHT	52"	48"	68"	60"	62"

* Models designated with a "T" are equipped with a turbulator, which helps to keep resin clean when iron exceed 1ppm
Published flow rates are calculated at 8 and 15 GPM/ft²

clearwater systems

7-1076 Cardiff Blvd.
Mississauga ON L5S 1M4
CANADA

Tel. 416.251.3156
Fax. 416.251.3159
www.clearh2o.ca