



# Water Softening



Simplex Water Softener

Pure H<sub>2</sub>O water softeners can provide reliable, cost effective answers to solve many common hard water problems. Water containing high hardness levels can have a negative impact on the ability of a business or institution to supply quality products and services. Each unit is designed to provide high quality operating service and is constructed using specially selected resins designed to remove hardness ions from the feed supply. These softeners provide an efficient means of improving water quality either for direct use or as feed water to other systems such as reverse osmosis units. Each system is supplied completely assembled, factory tested and ready for field installation.

MODULAR UNIT DESIGN insures that each unit is exactly the same, pre-engineered and factory tested; significantly reducing on site commissioning times.

NEED MORE THAN ONE SOLUTION to reduce multiple feed water contaminates? Try our PrePak pre-engineered multi-filtration units. By combining several treatment units together into a single, easy to install system, we can provide you with solutions that address multiple feed water contaminants. These units are factory assembled and tested to insure quick installation and commissioning.



PrePak Unit

Multimedia, Water Softener, Carbon

# Commercial Softeners

## *Technical Specifications*

<u>Model Number</u>	<u>Service Flow(GPM)</u> (Min-Max)	<u>Capacity (KGrain)</u> (Max-Min)	<u>Vessel Size</u>	<u>Unit Dimensions (WxDxH)</u>
cWS10	2-10	45-30	10x54	12" x 12" x 65"
cWS12	2-15	60-40	12x52	14" x 15" x 65"
cWS14	3-20	90-60	14x65	16" x 16" x 75"
cWS16	4-30	120-80	16x65	18" x 18" x 75"
cWS21	5-45	210-140	21x62	24" x 24" x 73"
cWS24	5-50	240-160	24x72	30" x 30" x 83"
cWS30	5-85	450-300	30x72	36" x 36" x 83"
cWS36	20-100	600-400	36x72	40" x 48" x 90"
cWS42	30-150	900-600	42x72	46" x 54" x 90"
cWS48	40-210	1500-1000	48x72	54" x 60" x 90"
cWS63	80-350	1900-1200	63x86	69" x 75" x 98"

*Service capacity based on regeneration with 10 to 15 lb-salt per ft<sup>3</sup> resin. Service flow rates at the lower operating range will result in decreased effluent hardness and lower system pressure drop.*

Any of the above units can be provided in a duplex configuration for continuous operation.