

# CareSoft Elite® and CareSoft Pro® Specifications

## CSE/CSEC/CSP/CSPC Specifications

MODEL		CSE/CSEC/CSP/CSPC Specifications						Cabinet Models	
		CSE-844 CSP-844	CSE-948 CSP-948	CSE-1044 CSP-1044	CSE-1054 CSP-1054	CSE-1248 CSP-1248	CSE-1354 CSP-1354	CSEC-835 CSPC-835	CSEC-1035 CSPC-1035
Rated Softener Capacity: <sup>*</sup> (Grains/Lbs. Salt)	Minimum	13,700 @ 3.4	18,200 @ 4.5	18,200 @ 4.5	27,600 @ 7.0	36,400 @ 9.0	45,800 @ 11.5	5,100 @ 2.3	18,200 @ 4.5
	Medium	16,800 @ 6.0	23,500 @ 9.0	23,500 @ 9.0	36,700 @ 15.0	47,000 @ 18.0	53,900 @ 18.0	7,300 @ 6.0	23,500 @ 9.0
	Maximum	18,800 @ 8.0	28,000 @ 15.0	28,000 @ 15.0	42,000 @ 22.5	56,100 @ 30.0	69,800 @ 37.0	7,800 @ 7.5	28,000 @ 15.0
Amount of High Capacity Ca/H Ion Resin (Cu. Ft.)		.75	1.0	1.0	1.5	2.0	2.5	.50	1.0
Efficiency at 1 lb Salt Setting (Grains/Lbs Salt)		4,040/1	4,040/1	4,040/1	4,040/1	4,040/1	4,040/1	N/A	4,040/1
Max. Service Flow Rate (GPM)		11.7	13.1	16.0	13.3	16.4	17.1	9.6	16.0
Max. Pressure Loss at Max. Service (PSI)		15.0	15.0	15.0	15.0	15.0	15.0	9.0	15.0
Min. to Max. Working Pressure (PSI)		30-100	30-100	30-100	30-100	30-100	30-100	30-100	30-100
Min. to Max. Operating Temperature (°F)		33-100	33-100	33-100	33-100	33-100	33-100	33-100	33-100
Max. Flow to Drain During Regeneration (GPM)		1.3	1.7	2.2	2.2	3.2	3.2	1.3	2.2
Electrical Requirements (volts-hertz)		110-50/60	110-50/60	110-50/60	110-50/60	110-50/60	110-50/60	110-50/60	110-50/60
Pipe Size		1"	1"	1"	1"	1"	1"	1"	1"
Total Dimensions:	Media Tank and Valve	8"W x 52"H	9"W x 56"H	10"W x 52"H	10"W x 62"H	12"W x 56"H	13"W x 62"H	14"W x 44.5"H x 20.5"D	14"W x 44.5"H x 20.5"D
	Brine Tank	18"W x 33"H	18"W x 33"H	18"W x 33"H	18"W x 33"H	18"W x 40"H	18"W x 40"H		

\*All above water softeners are set at "minimum salting" from the factory.

Cabinet dimensions represent the High-Profile cabinet option. Low-Profile cabinets are about one inch shorter in height than the High-Profile cabinet lid.

## CSERC/CSPRC Specifications

MODEL		CSERC-1054 CSPRC-1054	CSERC-1354 CSPRC-1354
Capacity: (Grains/Lbs. NaCl)	Minimum	23,600 @ 6.0	35,400 @ 9.0
	Medium	28,400 @ 9.0	44,400 @ 15.0
	Maximum	32,000 @ 15.0	48,800 @ 21.0
Amount of Resin Media (Cu. Ft.)		1.0	1.5
Amount of Carbon Media (Cu. Ft.)		.5	1.0
Maximum Water Hardness (GPG)		75	100
<sup>2</sup> Maximum Iron (PPM)		1.0	1.0
<sup>3</sup> Peak Flow Rate (GPM @ P-PSI)		15.6 @ 15.0	20.4 @ 15.0
Service Flow Rate (GPM @ P-PSI)		9.7 @ 7.5	13.2 @ 7.5
Water Pressure Range (PSI)		25-100	25-100
Water Temp. (°F)		33-100	33-100
Electrical Requirements (volts-hertz)		110-50/60	110-50/60
Pipe Size		1"	1"
Total Dimensions:	Media Tank and Valve	10"W x 62"H	13"W x 62"H
	Brine Tank	18"W x 33"H	18"W x 40"H



<sup>1</sup> All CareSoft Elite RC and CareSoft Pro RC water conditioners are factory preset at medium salting.

<sup>2</sup> Iron removal may vary depending on form of iron, pH and other local conditions. On waters that are pre-chlorinated, or where other pre-oxidation occurs, an iron precipitate can form that is too small to be filtered.

<sup>3</sup>Unit not tested for capacity at these peak flow rates. Water quality may vary.

## Cycle Times (in minutes)

MODEL	CSE-844 CSP-844	CSE-948 CSP-844	CSE-1044 CSP-1044	CSE-1054 CSP-1054	CSE-1248 CSP-1248	CSE-1354 CSP-1354	CSEC-835 CSPC-835	CSEC-1035 CSPC-1035	CSERC-1054 CSPRC-1054	CSERC-1354 CSPRC-1354
Brine Refill	2	3	3	4.5	6	7.5	1.5	3	6	10
Regenerant (lbs)	3.4	4.5	4.5	7.0	9.0	11.5	2.3	4.5	9	15
Service	240	240	240	240	240	240	240	240	240	240
The above sequence takes place prior to regeneration; therefore, minutes are not included in totals.										
Backwash	6	8	8	8	10	10	6	8	8	8
Brine and Rinse	40	60	60	90	90	90	40	60	90	90
Rinse	4	4	4	4	4	4	4	4	4	4
<b>Total</b>	<b>50</b>	<b>72</b>	<b>72</b>	<b>102</b>	<b>104</b>	<b>104</b>	<b>50</b>	<b>72</b>	<b>102</b>	<b>102</b>