

# TotalCare® Specifications

MODEL		TC1-1044	TC1-1054	TC1-1354
<sup>1</sup> Capacity: (Grains/Lbs. NaCl)	Maximum	11,800 @ 12.4	22,600 @ 15.9	36,900 @ 21.2
	Medium	11,400 @ 9.3	20,700 @ 12.4	33,600 @ 15.9
	Minimum	7,300 @ 3.2	16,400 @ 6.1	28,300 @ 9.5
Amount of Media (Cu. Ft.)		1.0	1.5	2.5
Maximum Water Hardness (GPG)		20	30	40
<sup>2</sup> Maximum Iron and Manganese (PPM)		8.0	10.0	15.0
<sup>3</sup> Minimum pH		6.5	6.0	6.0
<sup>4</sup> Total pH Adjusted Water		510	510	863
<sup>5</sup> Peak Flow Rate (GPM @ P-PSI)		19.0 @ 8.3	17.0 @ 7.8	19.0 @ 7.6
Continuous Flow Rate (GPM @ P-PSI)		9.0 @ 2.4	9.0 @ 2.8	9.0 @ 2.7
Water Pressure Range (PSI)		25-100	25-100	25-100
Water Temp. (°F)		33-100	33-100	33-100
Electrical Requirements (volts-hertz)		110-50/60	110-50/60	110-50/60
Pipe Size		1"	1"	1"
Total Dimensions:	Media Tank	10"W x 52"H	10"W x 62"H	13"W x 62"H
	Brine Tank	18"W x 33"H	18"W x 33"H	18"W x 40"H

MODEL		TC2-1044	TC2-1054	TC2-1354
<sup>1</sup> Capacity: (Grains/Lbs. NaCl)	Maximum	20,300 @ 12.4	34,800 @ 15.9	60,300 @ 26.5
	Medium	19,100 @ 9.3	32,000 @ 12.4	48,300 @ 15.9
	Minimum	11,100 @ 3.2	22,900 @ 6.1	28,200 @ 9.3
Amount of Media (Cu. Ft.)		1.0	1.5	2.5
Maximum Water Hardness (GPG)		40	60	80
<sup>2</sup> Maximum Iron and Manganese (PPM)		8.0	10.0	15.0
<sup>3</sup> Minimum pH		7.0	7.0	7.0
<sup>4</sup> Total pH Adjusted Water		NA	NA	NA
<sup>5</sup> Peak Flow Rate (GPM @ P-PSI)		19.0 @ 9.3	17.0 @ 9.1	19.0 @ 8.6
Continuous Flow Rate (GPM @ P-PSI)		9.0 @ 3.0	8.0 @ 3.7	9.0 @ 2.8
Water Pressure Range (PSI)		25-100	25-100	25-100
Water Temp. (°F)		33-100	33-100	33-100
Electrical Requirements (volts-hertz)		110-50/60	110-50/60	110-50/60
Pipe Size		1"	1"	1"
Total Dimensions:	Media Tank	10"W x 52"H	10"W x 62"H	13"W x 62"H
	Brine Tank	18"W x 33"H	18"W x 33"H	18"W x 40"H

<sup>1</sup> All TotalCare water conditioners are pre-factory set at medium salting. Note: influent waters must be at least 3 GPG hardness and 80 TDS. A calcite or corosex unit may be needed for correct operation.

<sup>2</sup> Combined iron and manganese removal varies depending on the form of iron, manganese, pH and other local conditions. On waters that are pre-chlorinated or where other pre-oxidation occurs, precipitated metal oxides may form that are too fine to be filtered.

<sup>3</sup> The pH listed is the minimum for the influent water.

<sup>4</sup> Optimum pH adjustment occurs at 3.0 gpm or less at maximum salt settings. Higher flow rates will produce less pH adjusted water.

<sup>5</sup> Unit not tested for capacity at these flow rates. Water quality may vary.

## Cycle Times and Usage

MODEL	TC1-1044		TC1-1054		TC1-1354		TC2-1044		TC2-1054		TC2-1354	
	MIN.	GAL.	MIN.	GAL.	MIN.	GAL.	MIN.	GAL.	MIN.	GAL.	MIN.	GAL.
Brine Refill	5:51	3	9:53	5	11:53	6	5:51	3	9:53	5	11:53	6
Backwash	12	42	12	48	12	84	12	36	12	42	12	60
Brine & Rinse	72	29	90	36	90	72	72	29	90	36	90	72
Rapid Rinse	4	14	4	16	4	28	4	12	4	14	4	20
Total	94	88	116	105	118	190	94	80	116	97	118	158

