

## TotalCare® **Specifications**

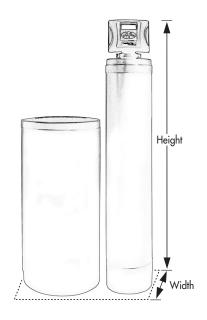
MODEL		TC1-1044	TC1-1054	TC1-1354			
¹Capacity: Maximum		11,800 @ 12.4	22,600 @ 15.9	36,900 @ 21.2			
(Grains/Lbs. NaCl)	Medium	11,400 @ 9.3	20,700 @ 12.4	33,600 @ 15.9			
	Minimum	7,300 @ 3.2	16,400 @ 6.1	28,300 @ 9.5			
Amount of Media (Cu. Ft.)		1.0	1.5	2.5			
Maximum Water Hardness (GPG)		20	30	40			
<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			
¹Capacity:	Maximum	20,300 @ 12.4	34,800@ 15.9	60,300 @ 26.5			
(Grains/Lbs. NaCl)	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			
³Minimum 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"	]"			
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>&</sup>lt;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.

## Cycle Times and Usage

MODEL	TC1-1044		TC1-1054		TC1-1354		TC2-1044		TC2-1054		TC2-1354	
	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



<sup>&</sup>lt;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.

 $<sup>^{\</sup>scriptscriptstyle 3}$  The pH listed is the minimum for the influent water.

<sup>&</sup>lt;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.

 $<sup>^{\</sup>mbox{\tiny 5}}$  Unit not tested for capacity at these flow rates. Water quality may vary.