

TotalCare® Twin Specifications

| MODEL | | TC1-1044TW | TC1-1054TW | TC1-1354TW | TC2-1044TW | TC2-1054TW | TC2-1354TW |
|---------------------------------------|----------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| ¹Capacity: (Grains/Lbs. NaCl) | Maximum | 11,800 @ 12.4 | 22,600 @ 15.9 | 36,900 @ 21.2 | 20,300 @ 12.4 | 34,800 @ 15.9 | 60,300 @ 26.5 |
| | Medium | 11,400 @ 9.3 | 20,700 @ 12.4 | 33,600 @ 15.9 | 19,100 @ 9.3 | 32,000 @ 12.4 | 48,300 @ 15.9 |
| | Minimum | 7,300 @ 3.2 | 16,400 @ 6.1 | 28,300 @ 9.5 | 11,100 @ 3.2 | 22,900 @ 6.1 | 28,200 @ 9.3 |
| Amount of Media (Cu. Ft.) | | 1.0 | 1.5 | 2.5 | 1.0 | 1.5 | 2.5 |
| Maximum Water Hardness (GPG) | | 20 | 30 | 40 | 40 | 60 | 80 |
| ²Maximum Iron and Manganese (PPM) | | 8.0 | 10.0 | 15.0 | 8.0 | 10.0 | 15.0 |
| ³Minimum pH | | 6.5 | 6.0 | 6.0 | 7.0 | 7.0 | 7.0 |
| ⁴Total pH Adjusted Water | | 510 | 510 | 863 | NA | NA | NA |
| ⁵Peak Flow Rate (GPM @ P-PSI) | | 19.0 @ 8.3 | 17.0 @ 7.8 | 19.0 @ 7.6 | 19.0 @ 9.3 | 17.0 @ 9.1 | 19.0 @ 8.6 |
| Continuous Flow Rate (GPM @ P-PSI) | | 9.0 @ 2.4 | 9.0 @ 2.8 | 9.0 @ 2.7 | 9.0 @ 3.0 | 8.0 @ 3.7 | 9.0 @ 2.8 |
| Water Pressure Range (PSI) | | 25-100 | 25-100 | 25-100 | 25-100 | 25-100 | 25-100 |
| Water Temp. (°F) | | 33-100 | 33-100 | 33-100 | 33-100 | 33-100 | 33-100 |
| Electrical Requirements (volts-hertz) | | 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" |
| Total Dimensions: | Media Tank and Valve | 29"W x 52"H | 29"W x 62"H | 31"W x 62"H | 29"W x 52"H | 29"W x 62"H | 31"W x 62"H |
| | Brine Tank | 18"W x 33"H | 18"W x 33"H | 18"W x 40"H | 18"W x 33"H | 18"W x 33"H | 18"W x 40"H |

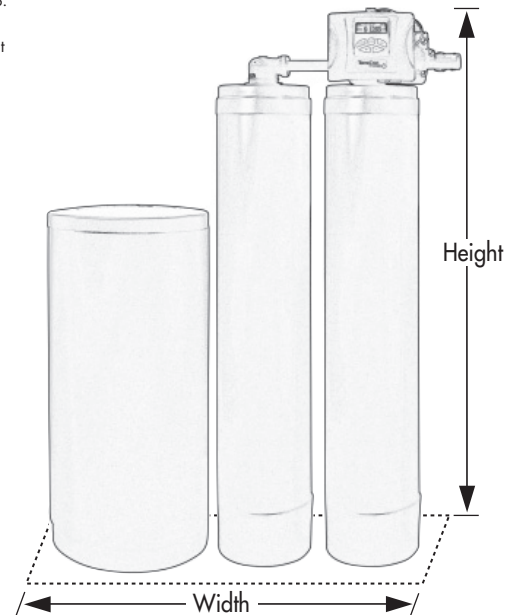
¹ All TotalCare water conditioners are pre-factory set at medium salting. Note: influent waters must be at least 3 GPG hardness and 80 TDS. A calcite or corosex unit may be needed for correct operation.

² 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.

³ The pH listed is the minimum for the influent water.

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

⁵ Unit not tested for capacity at these flow rates. Water quality may vary.



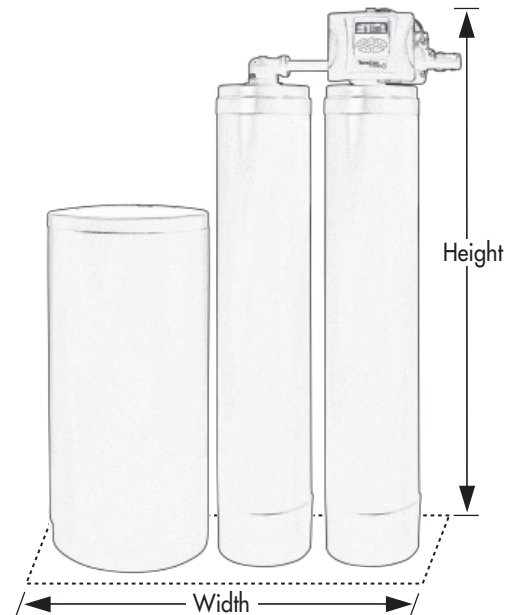
Cycle Times and Usage

| MODEL | TC1-1044TW | | TC1-1054TW | | TC1-1354TW | | TC2-1044TW | | TC2-1054TW | | TC2-1354TW | |
|---------------|------------|------|------------|------|------------|------|------------|------|------------|------|------------|------|
| | MIN. | GAL. | MIN. | GAL. | MIN. | GAL. | MIN. | GAL. | MIN. | GAL. | MIN. | GAL. |
| 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 |
| Brine Refill | 5:51 | 3 | 9:53 | 5 | 11:53 | 6 | 5:51 | 3 | 9:53 | 5 | 11:53 | 6 |
| Total | 94 | 88 | 116 | 105 | 118 | 190 | 94 | 80 | 116 | 97 | 118 | 158 |

CareSoft Elite® and CareSoft Pro® Twin Specifications

| MODEL | | CSE-844TW CSP-844TW | CSE-1044TW CSP-1044TW | CSE-1054TW CSP-1054TW | CSE-1354TW CSP-1354TW | CSE-1465TW CSP-1465TW | CSE-1665TW CSP-1665TW |
|--|----------------------|------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| ¹ Capacity: (Grains/Lbs. NaCl) | Maximum | 25,600 @ 9.0 | 32,000 @ 15.0 | 48,800 @ 21.0 | 69,800 @ 37.0 | 90,000 @ 45.0 | 120,000 @ 60.0 |
| | Medium | 21,600 @ 6.0 | 28,400 @ 9.0 | 44,400 @ 15.0 | 53,900 @ 18.0 | 75,000 @ 30.0 | 100,000 @ 40.0 |
| | Minimum | 15,600 @ 3.0 | 23,600 @ 6.0 | 35,400 @ 9.0 | 45,800 @ 11.5 | 60,000 @ 18.0 | 80,000 @ 24.0 |
| Amount of Resin Media (Cu. Ft.) | | .85 | 1.0 | 1.5 | 2.5 | 3 | 4 |
| Maximum Water Hardness (GPG) | | 50 | 75 | 100 | 100 | 100 | 100 |
| ² Minimum pH Required | | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 |
| ³ Peak Flow Rate (GPM @ P-PSI) | | 11.4 @ 15.0 | 17.1 @ 15.0 | 14.3 @ 15.0 | 18.5 @ 15.0 | 27.0 @ 25.0 | 29.0 @ 25.0 |
| Continuous Flow Rate (GPM @ P-PSI) | | 5.0 @ 5.4 | 5.0 @ 2.8 | 5.0 @ 3.8 | 5.0 @ 2.4 | 20.0 @ 15.0 | 22.0 @ 15.0 |
| Water Pressure Range (PSI) | | 25-100 | 25-100 | 25-100 | 25-100 | 25-100 | 25-100 |
| Water Temperature (°F) | | 33-100 | 33-100 | 33-100 | 33-100 | 33-100 | 33-100 |
| Electrical Requirements (volts-hertz) | | 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" |
| Total Dimensions: | Media Tank and Valve | 27"W x 52"H | 29"W x 52"H | 29"W x 62"H | 31"W x 62"H | 32"W x 74"H | 34"W x 74"H |
| | Brine Tank | 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 | 24"W x 41"H |

| MODEL | | CSERC-1054TW CSPRC-1054TW | CSERC-1354TW CSPRC-1354TW |
|--|----------------------|------------------------------|------------------------------|
| ¹ Capacity: (Grains/Lbs. NaCl) | Maximum | 32,000 @ 15.0 | 48,800 @ 21.0 |
| | Medium | 28,400 @ 9.0 | 44,400 @ 15.0 |
| | Minimum | 23,600 @ 6.0 | 35,400 @ 9.0 |
| 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 |
| ² Minimum pH Required | | 7.0 | 7.0 |
| ³ Peak Flow Rate (GPM @ P-PSI) | | 14.3 @ 15.0 | 18.5 @ 15.0 |
| Continuous Flow Rate (GPM @ P-PSI) | | 5.0 @ 3.8 | 5.0 @ 2.4 |
| 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 | 29"W x 62"H | 31"W x 62"H |
| | Brine Tank | 18"W x 33"H | 18"W x 40"H |



¹ All water conditioners are factory preset 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.

² The pH listed is the minimum for the influent water.

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

Cycle Times and Usage

| MODEL | CSE-844TW CSP-844TW | CSE-1044TW CSP-1044TW | CSE-1054TW CSP-1054TW | CSE-1354TW CSP-1354TW | CSE-1465TW CSP-1465TW | CSE-1665TW CSP-1665TW | CSERC-1054TW CSPRC-1054TW | CSERC-1354TW CSPRC-1354TW |
|---------------|------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|------------------------------|------------------------------|
| Backwash | 6 | 8 | 8 | 10 | 12 | 12 | 8 | 8 |
| Brine & Rinse | 40 | 60 | 90 | 90 | 90 | 90 | 90 | 90 |
| Rinse | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| Brine Refill | 3:51 | 5:51 | 9:53 | 11:53 | 19:56 | 26:38 | 5:51 | 9:53 |
| Regenerant | 6 lbs | 9 lbs | 15 lbs | 18 lbs | 30 lbs | 40 lbs | 9 lbs | 15 lbs |
| Total | 54 | 78 | 112 | 116 | 126 | 133 | 108 | 112 |