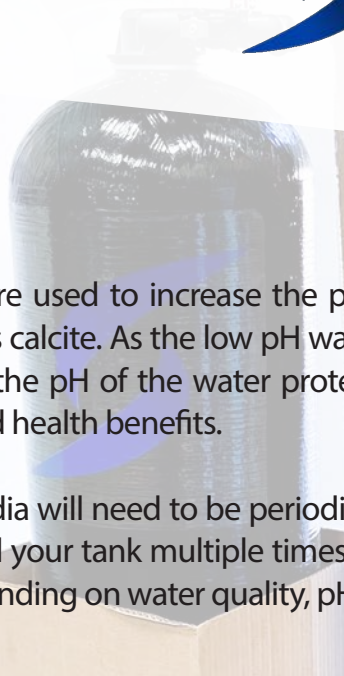




Sapphire Water

Calcite Contactors



Sapphire Water's pH contactors are used to increase the pH of low pH waters. pH is raised using calcium carbonate media or also known as calcite. As the low pH water dissolves the calcium carbonate the addition of calcium raises the pH. Raising the pH of the water protects against corrosion and remineralizes reverse osmosis permeate water for added health benefits.

As the media is dissolved, the media will need to be periodically refilled. Sapphires contactor tanks are sized so you don't have to constantly fill your tank multiple times a month. A full bed of media is estimated to be exhausted every 4-8 months depending on water quality, pH and service flow rate.

CONTACTOR SPECIFICATIONS

<i>Model</i>	CC-1/2	CC-3/4	CC-5/6	CC-10	CC-15	CC-21	CC-86	CC-89
Service Flow Rate	0.59-1.77 USGPM	1.77-3.55 USGPM	2.95-5.33 USGPM	6-8 USGPM	9-13 USGPM	12-18 USGPM	18-25 USGPM	25-35 USGPM
Tank Size	9"x48"	12"x48"	14"x47"	16"x65"	21"x62"	24"x50"	30"x72"	36"x72"
Calcium Carbonate Media per Tank	1.2 ft ³	2.1 ft ³	2.8 ft ³	5.0 ft ³	8.3 ft ³	8.7 ft ³	20 ft ³	28 ft ³
Support Gravel	0.25 ft ³	0.4 ft ³	0.6 ft ³	1.2 ft ³	2 ft ³	2.2 ft ³	4 ft ³	6 ft ³
Max Operating Pressure	150 psi	150 psi	150 psi	150 psi	150 psi	150 psi	150 psi	150 psi
Max Operating Temperature	49°C (120°F)	49°C (120°F)	49°C (120°F)	49°C (120°F)	49°C (120°F)	49°C (120°F)	49°C (120°F)	49°C (120°F)
pH Range	5.0-7.8	5.0-7.8	5.0-7.8	5.0-7.8	5.0-7.8	5.0-7.8	5.0-7.8	5.0-7.8
Estimated time for entire media bed exhaustion	4-8 Months	4-6 Months	3-6 Months	4-6 Months	4-6 Months	3-5 Months	4-6 Months	4-6 Months