

## Calcite Filter Systems



This filter tank adds calcium carbonate, also known as calcite, into the water under a controlled environment thus raising the Alkalinity.

The change in pH of alkaline water is produced primarily through the interactions of carbon dioxide. Water is naturally acidic because of exposure to atmospheric carbon dioxide. As water absorbs carbon dioxide, the carbon dioxide and the water interact to form carbonic acid. It is when the carbonic acid reacts with the carbonates that the pH of the water increases.

Although pH and alkalinity go hand-in-hand, it is not recommended that the alkalinity level of the water be measured using a pH meter but rather by an alkalinity tester. This is due to the fact that the measure of alkalinity in water is the water's buffering capacity to resist changes in pH. Therefore, a pH meter will tell you the pH of the water but it in no way can tell you the concentration of the alkaline minerals present.

Intended for bottlers who wish to provide a more pH balanced product.

Calcite used in this system is certified NSF 60.

Manual Head	
Max Flow Rate	10 GPM
Mineral Tank Height	35"
Mineral Tank Diameter	8"
Shipping Weight	60 Lbs
Media Volume	50 Lbs
<b>W-SFCA-1440-CT50</b>	

Timer Head	
Max Flow Rate	10 GPM
Mineral Tank Height	35"
Mineral Tank Diameter	8"
Shipping Weight	60 Lbs
Media Volume	50 Lbs
<b>W-SFCA-1440-CT02</b>	

## Carbon Filter Systems



Capacity	0.5 ft <sup>3</sup>
Tank dimension	8" x 35"
Service flow: service	5 GPM
Service flow: back flush	6 GPM
pipe size	1"

Activated carbon (AC) filtration is most effective in removing organic contaminants from water. Because organic chemicals are often responsible for taste, odour, and colour problems, AC filtration can generally be used to improve aesthetically objectionable water. AC filtration will also remove chlorine.

AC filtration does not remove microbes, sodium, nitrates, fluoride, hardness, and heavy metals (unless otherwise stated).

Manual Head: **W-SFCA-1240-GACM**

Timered Head: **W-SFCA-1240-GACT**