Calcite

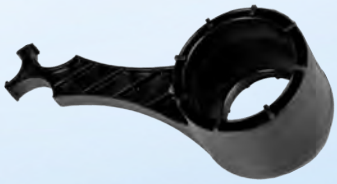
Neutralizing Systems

Water with low pH can cause corrosion of the copper plumbing and bluish green staining on the plumbing fixtures as well as poor iron reduction system performance. Calcium Carbonate is commonly used to raise the pH of acidic water. Calcium carbonate is typically used when water is ≈5-7 pH. For inordinately low influent pH or to achieve accelerated pH adjustment, blends including magnesium oxide may be advantageous. Neutralization with calcium carbonate and or magnesium oxide will increase the water hardness, install a subsequent softener as needed. Periodic replenishment of the media(s) will be required. Monitor performance to confirm proper operation. Careful consideration should be taken when designing a system. Flow rates/contact time are key to a successful application. Backwashing systems ensure consistent performance. The "Natural" color tank allows for easier monitoring of the media levels and the dome hole makes media replenishment simple.

Upflow designs are a popular choice but have performance limitations that should be carefully considered.

Item #	Description	Service/Peak Flow Rate	≈Backwash Rate
BW-i10M-1054DH-CCA	10"x54" i5	3/15	5
BW-i10M-1354DH-CCA	13"x54" i5	5.5/15	9
IO-11F-1054-CCG	10x54 Upflow	3/5.5	N/A
IO-11F-1354-CCG	13x54 Upflow	5.5/7	N/A

Upflow, non backwashing design includes the easy fill head and tool!



Item #	Description
26-DCF	Dome Hole Funnel
15-C	Calcium Carbonate 45# Bags 1/2 ft^3
15-MX	Magnesium Oxide 55# Bags 2/3 ft^3