

# Calcite Filters with WS 1 Backwash Control Valve



## Whole House Filters designed to increase the pH of acidic water.

**Northwest Water Treatment, Inc.** offers a wide range of water filtration systems designed to improve the water quality to your home. Our approach includes on site water analysis and inspection of your existing water system to assure the correct filter system is recommended to you.

**Acidic Water** is a common problem found in wells which causes corrosion of copper and galvanized pipe, fixtures and appliances. It can produce a health concern by dissolving copper into the drinking water.

**Calcite Filters** correct pH only enough to reach a non-corrosive equilibrium. Upon contact with Calcite, acidic waters slowly dissolve the calcium carbonate to raise the pH which reduces the potential leaching of copper, lead and other metals found plumbing systems. Periodic backwashing will prevent packing, reclassify the bed and maintain high service rates. The Calcite bed will have to be periodically replenished as the Calcite is depleted. **Northwest Water Treatment, Inc.** will notify you when the Calcite level should be checked/added to based on your pH, water chemistry and service flow. As the Calcite's calcium carbonate neutralizes the water, it will increase hardness and a softener may become necessary after the neutralizing filter.

## Calcite Filter System Features:

User friendly, low maintenance electronic metered control valve.  
Can be installed as up flow filter or backwashable filter with Clack WS1 control valve (as shown).



## Calcite Filter Models

Part No.	Valve	Mineral Tank Size	Media Cubic Ft.	Service Flow Max (GPM)	Drop (PSI)	Back Wash (GPM)	Floor Space W x D x H
NWT 1054-WS1-M-CA	Meter BW	10X54	1.5	6	< 15	5.3	10X16X62
NWT 1252-WS1-M-CA	Meter BW	12X52	2.0	8	< 15	8.0	12X18X60
NWT 1354-WS1-M-CA	Meter BW	13X54	2.5	9	< 15	9.0	13X18X62
NWT 1465-WS1-M-CA	Meter BW	14X65	3.0	12	< 15	10.0	14X20X73

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Over 40 Years Experience In Water Treatment