



## Product Overview

# DuoPlus™ DS300M Scale Prevention & Filtration System

Designed for homes under 3000 square feet



The Aquios® DS300M is a two-stage, point of entry system (full house) specifically designed for the reduction of chlorine, chloramines, sediment and lime scale accumulation on pipes, fixtures and appliances. Our systems do not demineralize your water and do not introduce salt or potassium chloride into your water. Instead, we utilize a food grade, natural polyphosphate that prevents hard water minerals from creating scale, removes existing buildup and also provides an anticorrosive layer. The DS300 housing also contains antimicrobial properties to prevent algae and microbes from forming in the water.

Our high pressure, two stage housing has an integrated manifold and utilizes our 5 micron, coconut carbon pleated filter and a catalytic carbon radial flow filter which includes a proprietary scale prevention media designed to prevent and reduce harmful scale build up on heating elements, pipes, faucets and other plumbing fixtures and appliances. Our catalytic carbon is designed to remove hydrogen sulfide gas, iron, chloramines and VOCs.

This wall mounted unit is designed to be installed at the water main entry point and will provide a flow rate of up to 14 gallons per minute (GPM). The standard inlet and outlet connections are 1" NPT and has a design pressure of 125 PSI (6.5 bar) with a maximum operating temperature of 113°F (45°C).

The proprietary scale prevention media is designed for extreme water conditions and designed to last 6 months.

## Features

- Antimicrobial housing
- 1" NPT inlet & outlet
- Integrated head manifold
- Pressure relief and O-ring seal. No spring is used that can result in water leaks
- Knife-edge seal at both ends for a positive seal eliminating by-pass
- 5 micron coconut pleated filter that reduces chlorine odor & taste
- 5 micron catalytic carbon filter that reduces chloramines, hydrogen sulfide, iron and VOCs
- Scale prevention media that prevents and removes harmful scale

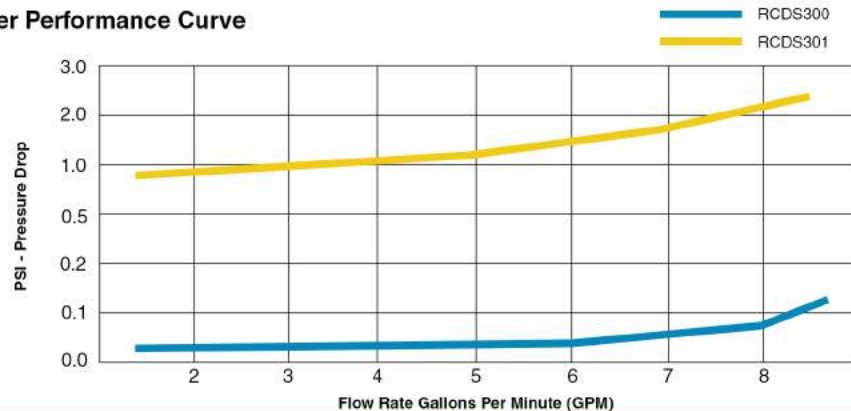
## Specifications

- Dimensions: 17" x 17"
- Operating Temp: 40°F-113°F
- Max Pressure: 125 PSI
- Max Hardness: 22 GPG
- Flow Rate: 14 GPM
- Filter Rating: 5 micron
- Filter Life: 3-6 months

## Product Specifications

Model No	Description	Dimensions	Fitting	Box Size	Weight
DS300M	DuoPlus™ Salt Free Softener/Filter System	17" x 17"	1" NPT	17" x 17" x 4"	17lb
Replacement Filter	Description	Dimensions	Type		
RCDS300	Stage 1 cartridge, DS300M System	4.50" x 10"	Pleated Carbon		
RCDS301	Stage 2 cartridge, DS300M System	4.50" x 10"	Radial Flow Catalytic Carbon		

## Filter Performance Curve



## Removal Efficiency in %

