

ATLAS FILTRI®
improving water

Residential Filtration
Application Guide

- selling concepts
- product information
- application guide

TABLE OF CONTENTS

4 POINT-OF-USE FILTRATION SYSTEMS
- WATER HEATER FILTRATION SYSTEM
- UNDER-COUNTER FILTRATION SYSTEM
- REVERSE OSMOSIS DRINKING WATER SYSTEM

7 POINT-OF-ENTRY FILTRATION SYSTEMS
- HYDRA SELF-CLEANING FILTER
- MONO WHOLE HOUSE WATER FILTRATION SYSTEM
- DUO WHOLE HOUSE WATER FILTRATION SYSTEM
- PFASARMOR TRIO MEDIA SYSTEM

11 PACKAGING

12 CERTIFICATIONS

14 ADDITIONAL PRODUCTS

16 WATER TREATMENT APPLICATION GUIDE

30 NOTES

31 **MY**ATLAS APP

Water Heater Filtration System for Sediment & Scale Reduction

For Tank and Tankless Water Heaters



The most advanced filtration and scale reduction media available

Meets water heaters' manufacturer's warranty requirements for sediment and scale reduction

- Protects against hardness build-up and corrosion on the inside of your heating system
- ScaleArmor™ media is certified under IAPMO Z601 for scale reduction
- Filter cartridge and housing are NSF/ANSI certified for performance and water contact surfaces
- Extends the life of your water heating unit while reducing expensive operating and service costs
- 12 month affordable filter change-out

Part #: ZC1381427

IAPMO - International Association of Plumbing and Mechanical Officials

Certified under standard Z601 for whole house applications.
To understand more, visit our website at atlasfiltri.com

SCALEARMOR™
Certified Scale Reduction Technology
from Atlas Filtri North America

Under-counter Filtration System for Bottle-quality Water

Designed to handle all your cooking and drinking water needs including coffee and tea

Enhances your food and beverage presentation to provide more distinct flavor base

Reduces chemicals and contaminants commonly found in drinking water

- Reduces sediment and harmful chemicals like chlorine, herbicides, pesticides, detergents, THM's, pharmaceuticals, and many other chemicals that can be found in drinking water
- Attaches to the cold water side of your kitchen faucet
- Can be plumbed to provide filtered water to your refrigerator, hot water dispenser, and under-counter ice machines
- Run your entire kitchen off this system for up to 12 months, eliminating the need for the refrigerator filter



Part #: ZC111T618

Reverse Osmosis Drinking Water System for Bottle-quality Water

Designed to handle all your cooking and drinking water needs

Provides purified water for the reduction of dissolved solids in water - PFOA & PFOS and Micro Plastics

- Up to 98% reduction of total dissolved solids in the water like fluoride, PFAS, arsenic, pharmaceuticals, nitrates, petroleum products, iron, heavy metals, disinfectants, and other contaminants
- The exclusive mineral cartridge provides bottle-quality drinking water with no bitter taste
- Connects to your refrigerator and under-counter ice machine for improved quality and flavor of water
- Provide purified water to your entire kitchen and enjoy fresh, great tasting water



Part #: RE6075310

Hydra Self-cleaning Filter for the Heavy Sediment Reduction

Self-cleaning Backwash System

The most advanced pre-filtration sediment reduction filter system available

Flushes easily with our patented design

- Features a self-cleaning backwash system that efficiently flushes small granules and particles from the surface of the filter to the drain
- Keeps dishwashers, washing machines, refrigerators, pumps and valves in good working order
- Stops aerators from accumulating sediment at the faucet and reducing flow



Part #: RA6000041

IAPMO - International Association of Plumbing and Mechanical Officials

Certified under standard Z601 for whole house applications.
To understand more, visit our website at atlasfiltri.com

Whole House Water Filtration System for Scale & Sediment Reduction

Protects appliances like dishwashers, washing machines, and water heaters, as well as pipes and faucets from scale and sediment build-up

Keeps showers, bathtubs, glasses, and dishes spot-free and prevents soap residue from building up in showers

Meets manufacturer's warranty requirements for appliances for sediment and scale reduction

- Reduces sediment, corrosion, and scale build-up throughout the entire house
- ScaleArmor™ media is certified under IAPMO Standard Z601 for scale reduction
- Filter cartridge and housing are NSF/ANSI certified for performance and water contact surfaces
- Extends the life of your appliances, reducing expensive operating and service costs
- 12 month affordable filter change-out



Part #: ZC1700749

IAPMO - International Association of Plumbing and Mechanical Officials

Certified under standard Z601 for whole house applications.
To understand more, visit our website at atlasfiltri.com

NSF/ANSI STD 60 for Drinking Water Treatment Chemicals.
Additional NSF approvals and information can be found at atlasfiltri.com

SCALEARMOR™
Certified Scale Reduction Technology
from Atlas Filtri North America

Whole House Water Filtration System for Scale, Chemical & Sediment Reduction

Provides bottle-quality water throughout the entire house

Protects appliances like dishwashers, washing machines, and water heaters, as well as pipes and faucets from scale and sediment build-up

Keeps showers, bathtubs, glasses, and dishes spot-free and prevents soap residue from building up in showers

Meets appliances' manufacturer's warranty requirements for sediment and scale reduction

- Reduces sediment, corrosion, and scale build-up
- ScaleArmor™ media is certified under IAPMO Standard Z601 for scale reduction
- Filter cartridge and housing are NSF/ANSI certified for performance and water contact surfaces
- Extends the life of your appliances, reducing expensive operating and service costs
- 12 month affordable filter change-out



Part #: ZC1802746

IAPMO - International Association of Plumbing and Mechanical Officials

Certified under standard Z601 for whole house applications.
To understand more, visit our website at atlasfiltri.com

SCALEARMOR™
Certified Scale Reduction Technology
from Atlas Filtri North America

Whole House Water Filtration System for the Reduction of "Forever Chemicals"

Reduces PFAS in water which can be linked to the following health effects: cancer, heart attacks, strokes, decreased fertility, and kidney diseases

Install at point-of-entry for cleaner, healthier water throughout your entire house

- Reduces PFOA/PFOS, cysts, chemicals, VOC's, chlorine taste & odor, and sediment
- Filter cartridge and housing are NSF/ANSI 53 certified for PFOA/PFOS reduction claim
- Extends the life of your appliances, reducing expensive operating and service costs
- 12 month affordable filter change-out



Part #: ZC1803764

IAPMO - International Association of Plumbing and Mechanical Officials

Certified by IAPMO R&T against NSF/ANSI 53 for PFOA/PFOS reduction claim.
To understand more, visit our website at atlasfiltri.com

PFASARMOR™
Certified PFAS Reduction Technology from Atlas Filtri

SCALEARMOR™
Certified Scale Reduction Technology from Atlas Filtri North America

professional packaging that adds value to your customer's purchase

DP10**DUO** BOX



HYDRA BOX



PLUS**3P**10 BOX



DP20**MONO** BOX



TANKLESS**WATER** HEATER**KIT** BOX



IAPMO RESEARCH AND TESTING, INC.

5001 E. Philadelphia Street, Ontario, CA 91761-2816 • (909) 472-4100 • Fax (909) 472-4244 • www.iapmort.org

ANAB ANSI National Accreditation Board ACCREDITED ISO/IEC 17065 PRODUCT CERTIFICATION BODY

IAPMO R&T™

SCC Accredited CB-P/S OCPS Accrédité CCN™

UPC®

CERTIFICATE OF LISTING

IAPMO Research and Testing, Inc. is a product certification body in which its product certification system includes inspection and testing of samples taken from the supplier's stock or from the market or a combination of both to verify compliance to the requirements of applicable codes and standards. This activity is coupled with periodic surveillance of the supplier's factory and/or warehouses as well as the assessment of the supplier's Quality Assurance System. This listing is subject to the conditions set forth in the characteristics below and is not to be construed as any recommendation, assurance or guarantee by IAPMO Research and Testing, Inc. of the product acceptance by Authorities Having Jurisdiction.

Issued to:

ATLAS FILTRI NORTH AMERICA

1068 NORTH FARMS RD BLDG #3
WALLINGFORD, CT 06492

Product:

Water Treatment Product - Health Effects

Products are certified to the following standard(s):

NSF/ANSI 53-2021

File Number: WP-16812

Effective Date: August 2024

Void After Date: August 2029*

Chairman, Product Certification Committee

Chief Technical Service Officer

* This certificate is not evidence of current listing. To verify listing status, visit the IAPMO R&T Product Listing Directory at pld.iapmo.org

This listing period is based upon the last date of the month indicated on the Effective Date and Void After Date shown above. Any change in material, manufacturing process, marking or design without having first obtained the approval of the Product Certification Committee, or any evidence of non-compliance with applicable codes and standards or of inferior workmanship, may be deemed sufficient cause for revocation of this listing. Production of or reference to this form for advertising purposes may be made only by specific written permission of IAPMO Research and Testing, Inc. Any alteration of this certificate could be grounds for revocation of the listing. This document shall be reproduced in its entirety.

IAPMO RESEARCH AND TESTING, INC.

5001 E. Philadelphia Street, Ontario, CA 91761-2816 • (909) 472-4100 • Fax (909) 472-4244 • www.iapmort.org

ANSI ACCREDITED ISO/IEC 17065 Product Certification Body #0202

IAPMO R&T™

SCC Accredited CB-P/S OCPS Accrédité CCN™

UPC®

CERTIFICATE OF LISTING

IAPMO Research and Testing, Inc. is a product certification body in which its product certification system includes inspection and testing of samples taken from the supplier's stock or from the market or a combination of both to verify compliance to the requirements of applicable codes and standards. This activity is coupled with periodic surveillance of the supplier's factory and/or warehouses as well as the assessment of the supplier's Quality Assurance System. This listing is subject to the conditions set forth in the characteristics below and is not to be construed as any recommendation, assurance or guarantee by IAPMO Research and Testing, Inc. of the product acceptance by Authorities Having Jurisdiction.

Issued to:

ATLAS FILTRI NORTH AMERICA

1068 NORTH FARMS RD BLDG #3
WALLINGFORD, CT 06492

Product:

Scale Reduction Devices

Products are certified to the following standard(s):

IAPMO/ANSI Z601-2018

File Number: WP-14228

Effective Date: March 2023

Void After Date: May 2027*

Chairman, Product Certification Committee

Chief Technical Service Officer

* This certificate is not evidence of current listing. To verify listing status, visit the IAPMO R&T Product Listing Directory at pld.iapmo.org

This listing period is based upon the last date of the month indicated on the Effective Date and Void After Date shown above. Any change in material, manufacturing process, marking or design without having first obtained the approval of the Product Certification Committee, or any evidence of non-compliance with applicable codes and standards or of inferior workmanship, may be deemed sufficient cause for revocation of this listing. Production of or reference to this form for advertising purposes may be made only by specific written permission of IAPMO Research and Testing, Inc. Any alteration of this certificate could be grounds for revocation of the listing. This document shall be reproduced in its entirety.

ADDITIONAL PRODUCTS

LEGEND ICONS

Chemicals · Chlorine · Cysts · Lead · Scale · Sediment · Taste & Odor · VOCs



UNDER COUNTER
DRINKING WATER SYSTEM:
ZC111T619, ZC111T608

Connects to under counter hot water, ice machines, and refrigerator water lines.

REMOVES:
LEAD/SEDIMENT/CYSTS/CHLORINE TASTE & ODOR
0.5 Micron

CARTRIDGE INCLUDED



UNDER COUNTER
DRINKING WATER SYSTEM:
ZC1350227, ZC1350327

Connects to under counter hot water, ice machines, and refrigerator water lines.

REMOVES:
CHLORINE TASTE & ODOR
5 Micron

CARTRIDGE INCLUDED



WHOLE HOUSE
BAG FILTER SYSTEM:
ZW1801746

Connects at the point-of-entry for heavy sediment applications.

REMOVES:
FINE SEDIMENT/COURSE SEDIMENT
1, 5, 25, and 50 Micron Bag Filters

BAG NOT INCLUDED



BACKWASH
FILTRATION SYSTEMS:
BW-CAT-1MPT-08, BW-CAT-1MPT-10, BW-CAT-1.25MPT-12, BW-AS-1MPT-08, BW-AS-1MPT-10, BW-AS-1.25MPT-12, BW-IRON-1MPT-08, BW-IRON-OZO-1MPT-08

Connects at the point-of-entry for light commercial and whole house applications.

BACKWASH APPLICATIONS:
CHLORAMINE/ARSENIC/IRON



COMMERCIAL ICE MACHINE
FILTRATION SYSTEM:
ZC116T426

Connects to ice machines to protect scale build-up on pipes & provide better-tasting ice.

REMOVES:
SEDIMENT/SCALE/CHLORINE TASTE & ODOR
5 Micron

CARTRIDGES INCLUDED



SANIC REVERSE OSMOSIS
DRINKING WATER SYSTEM:
SE6075310

Antimicrobial, disinfectant system that connects to your refrigerator & under-counter ice machine.

REMOVES:
FLUORIDE/PFAS/ARSENIC/PHARMACEUTICALS/IRON/SEDIMENT/CHLORINE TASTE & ODOR
5 Micron

CARTRIDGES INCLUDED



ULTRAVIOLET STERILIZATION
WHOLE HOUSE UNIT:
ZC-UV-15-2020-SA-CT

Provides clean, clear drinking water for bacteriologically contaminated water sources.

REMOVES:
BACTERIA/SEDIMENT/SCALE/CHLORINE TASTE & ODOR
5 Micron

CARTRIDGES INCLUDED



WHOLE HOUSE
FILTRATION SYSTEM:
ZC1803733

Connects at the point-of-entry for lead & scale control throughout entire house.

REMOVES:
LEAD/SEDIMENT/SCALE/CHEMICALS/CHLORINE TASTE & ODOR
5 Micron

CARTRIDGES INCLUDED



WHOLE HOUSE
FILTRATION SYSTEM:
ZC1703621L

Connects at the point-of-entry for scale & corrosion control throughout entire house.

REMOVES:
SEDIMENT/SCALE/CHEMICALS/CHLORINE TASTE & ODOR
5 Micron

CARTRIDGES INCLUDED



WHOLE HOUSE
FILTRATION SYSTEM:
ZC1800750

The only IAPMO Z601 scale reduction solution in the market!

REMOVES:
SCALE
4 lbs ScaleArmor™

CARTRIDGE INCLUDED

WATER TREATMENT APPLICATION GUIDE

Defined Aspects			Point-Of-Use Solution			
Issue	Cause	Treatment	Part #	Type	Performance	Photo
Aluminum	In soil and rock, and can be leached into water supply	Reverse Osmosis	**RE6075310**	Reverse Osmosis	• 50 GPD Complete RO system	
Arsenic	A naturally occurring element in soil and rock. As groundwater flows through these materials, some of the arsenic dissolves into the water	Reverse Osmosis / Whole House Arsenic Reduction Backwash Filtration System	**RE6075310**	Reverse Osmosis	• 50 GPD Complete RO system	
Bacteria	Bacteria can enter wells through cracks in the casing or a damaged cap, or from surface water, animal waste, or faulty septic systems	Reverse Osmosis and Ultra Violet Sterilization	**SE6075310-UV**	Reverse Osmosis	• 50 GPD Complete RO system • Sanic Anti-Microbial • Ultra Violet Sterilization Unit	
Barium	Barium is a metal that occurs naturally in certain types of igneous and sedimentary rocks. Barium can enter the groundwater and well water when rocks that contain barium break down and dissolve	Reverse Osmosis	**RE6075310**	Reverse Osmosis	• 50 GPD Complete RO system	
Bitter	High Alkalinity	Reverse Osmosis / Chemical Feed Peristaltic Pump for Acid Release	**RE6075310**	Reverse Osmosis	• 50 GPD Complete RO system	
Brownish Appearance	Iron Bacteria	Chlorine Injection into Well / Whole House Sediment, Scale, and Carbon Filtration System		Shock chlorination		
Cadmium	Higher levels of cadmium in water can result from the use and disposal of items containing cadmium	Reverse Osmosis / Whole House Iron Reduction Backwash Filtration System	**RE6075310**	Reverse Osmosis	• 50 GPD Complete RO system	
Calcium (Scale)	Calcium and magnesium enter the water mainly by leaching of rocks. Most calcium in surface waters come from streams flowing over limestone, dolomite, gypsum, and other calcium-containing rocks and minerals	Reverse Osmosis / Whole House Iron Reduction Backwash Filtration System	**RE6075310**	Reverse Osmosis	• 50 GPD Complete RO system	
Chemicals	Taste and Odor Issue	Carbon Block Catalytic Coconut Shell Carbon Filter / Whole House Carbon Block Filtration System / Carbon GAC Mix Bed Whole House Filtration System	**ZC111T618**	Under Counter Sediment and Carbon Block Filter System - CTO 5-micron	• 2 GPM @ 12,000 gallons life • Low Pressure Drop • Carbon Block Filter • Under Counter System	
Chloramines	Chloramines are formed when chlorine and ammonia are combined in water and comprise three chemical species: monochloramine (NH2Cl), dichloramine (NHCl2) and trichloramine (NCl3)	Carbon Block Catalytic Coconut Shell Carbon Filter / Whole House Carbon Block Filtration System / Carbon GAC Mix Bed Whole House Filtration System	**ZC111T618**	Under Counter Sediment and Carbon Block Filter System - CTO 5-micron	• 2 GPM @ 12,000 gallons life • Low Pressure Drop • Carbon Block Filter • Under Counter System	
Chlorine	Chlorine is added to the water supply to disinfect and create a bacteriostatic effect, stopping bacteria growth or killing it	Carbon Block Catalytic Coconut Shell Carbon Filter / Whole House Carbon Block Filtration System / Carbon GAC Mix Bed Whole House Filtration System	**ZC111T618**	Under Counter Sediment and Carbon Block Filter System - CTO 5-micron	• 2 GPM @ 12,000 gallons life • Low Pressure Drop • Carbon Block Filter • Under Counter System	

Point-Of-Entry Solution				Point-Of-Entry Solution (Option)			
Part #	Type	Performance	Photo	Part #	Type	Performance	Photo
	Cation exchange but hydrochloric acid or sulfuric acid must be used to regenerate						
BW-AS-1MPT-08 **BW-AS-1MPT-10** **BW-AS-1.25MPT-12**	Effectively reduces Arsenic III and V as well as lead, cadmium, copper, chromium+6, selenium, and zinc	• 8-GPM to Regeneration • 10-GPM to Regeneration • 12-GPM to Regeneration					
ZC-UV-2020-SA-CT	Designed for point-of-entry applications for bacteriologically contaminated water	• Bacteria reduction up to 15 GPM					
	Use Chemical Feed Pump for acid release						
	Shock chlorination						
BW-IRON-1MPT-08	Effectively Reduces Iron, Manganese Hydrogen Sulfide Reduction	• 8-GPM Max Levels • Iron 10-PPM • Manganese 3-PPM • Hydrogen Sulfide 3-PPM					
ZC1700749	Melt Blown Sediment Filter 5-micron Cartridge ScaleArmor™ Scale Reduction Technology	• 10-GPM Max Flow • 15-Grain Hardness • 12-Month Expected Life		**ZC1802746**	Sediment 5-micron Carbon Block 5-micron ScaleArmor™ & Corrosion Heavy Corrosion Protection	• <0.4 PPM of Iron • 10-GPM Max Flow • 15-Grain Hardness • 250 PPM of Chlorides, Sulfates or Silica • 12-Month Expected Life	
ZC1802746	Sediment 5-micron Carbon Block 5-micron ScaleArmor™ & Corrosion Heavy Corrosion Protection	• <0.4 PPM of Iron • 10-GPM Max Flow • 15-Grain Hardness • 250 PPM of Chlorides, Sulfates or Silica • 12-Month Expected Life		**BW-CAT-1MPT-08** **BW-CAT-1MPT-10** **BW-CAT-1.25MPT-11**	Blended Carbon for CTO and Chloramine Disinfectant Reduction - Autobackwash Design	• 8-GPM to Regeneration • 10-GPM to Regeneration • 12-GPM to Regeneration	
ZC1802746	Sediment 5-micron Carbon Block 5-micron ScaleArmor™ & Corrosion Heavy Corrosion Protection	• <0.4 PPM of Iron • 10-GPM Max Flow • 15-Grain Hardness • 250 PPM of Chlorides, Sulfates or Silica • 12-Month Expected Life		**BW-CAT-1MPT-08** **BW-CAT-1MPT-10** **BW-CAT-1.25MPT-9**	Blended Carbon for CTO and Chloramine Disinfectant Reduction - Autobackwash Design	• 8-GPM to Regeneration • 10-GPM to Regeneration • 12-GPM to Regeneration	
ZC1802746	Sediment 5-micron Carbon Block 5-micron ScaleArmor™ & Corrosion Heavy Corrosion Protection	• <0.4 PPM of Iron • 10-GPM Max Flow • 15-Grain Hardness • 250 PPM of Chlorides, Sulfates or Silica • 12-Month Expected Life		**BW-CAT-1MPT-08** **BW-CAT-1MPT-10** **BW-CAT-1.25MPT-12**	Blended Carbon for CTO and Chloramine Disinfectant Reduction - Autobackwash Design	• 8-GPM to Regeneration • 10-GPM to Regeneration • 12-GPM to Regeneration	

WATER TREATMENT APPLICATION GUIDE CONT.

Defined Aspects			Point-Of-Use Solution			
Issue	Cause	Treatment	Part #	Type	Performance	Photo
Chlorine Taste & Odor	Taste and Odor Issue	Carbon Block Catalytic Coconut Shell Carbon Filter / Whole House Carbon Block Filtration System / Carbon GAC Mix Bed Whole House Filtration System	**ZC111T618**	Under Counter Sediment and Carbon Block Filter System - CTO 5-micron	• 2 GPM @ 12,000 gallons life • Low Pressure Drop • Carbon Block Filter • Under Counter System	
Chromium	There are demonstrated instances of chromium being released to the environment by leakage, poor storage, or inadequate industrial waste disposal practices	Reverse Osmosis / Sediment, Carbon, Scale / Whole House Iron Reduction Backwash Filtration System	**RE6075310**	Reverse Osmosis	• 50 GPD Complete RO system	
Cloudiness in Water	Oxygen in Water as Warm Air Bubbles Rise	Whole House Sediment, Scale and Carbon Filtration System	**ZC111T618**	Under Counter Sediment and Carbon Block Filter System - CTO 5-micron	• 2 GPM @ 12,000 gallons life • Low Pressure Drop • Carbon Block Filter • Under Counter System	
Copper	Copper is a metal that occurs naturally and is used to make many products, including parts for plumbing systems	Reverse Osmosis / Whole House Arsenic Reduction Backwash Filtration System	**RE6075310**	Reverse Osmosis	• 50 GPD Complete RO system	
Detergent	Detergents can seep into water supplies through typical drainage systems including wells. It is important to locate the source of the problem and fix the intrusion	Carbon Block Catalytic Coconut Shell Carbon Filter / Whole House Carbon Block Filtration System / Carbon GAC Mix Bed Whole House Filtration System	**ZC111T618**	Under Counter Sediment and Carbon Block Filter System - CTO 5-micron	• 2 GPM @ 12,000 gallons life • Low Pressure Drop • Carbon Block Filter • Under Counter System	
Detergents/ Soapy	Run-off / Septic	Carbon Block Catalytic Coconut Shell Carbon Filter / Whole House Carbon Block Filtration System / Carbon GAC Mix Bed Whole House Filtration System	**ZC111T618**	Under Counter Sediment and Carbon Block Filter System - CTO 5-micron	• 2 GPM @ 12,000 gallons life • Low Pressure Drop • Carbon Block Filter • Under Counter System	
Dirt / Clay	Naturally Occurring	Carbon Block Coconut Shell Filter / Point of Entry Whole House Sediment Filter / Bag Filtration	**ZC111T618**	Under Counter Sediment and Carbon Block Filter System - CTO 5-micron	• 2 GPM @ 12,000 gallons life • Low Pressure Drop • Carbon Block Filter • Under Counter System	
Fine Sediment Brown Substance	Light Brown Sanding Color Left In Sink or Tub	Point of Entry / Bag Filtration (1 Micron)				
Fluoride	Some areas of the country have high levels of naturally occurring fluoride which can dissolve easily into ground water as it moves through gaps and pore spaces between rocks	Reverse Osmosis	**RE6075310**	Reverse Osmosis	• 50 GPD Complete RO system	
Gas / Methane	Naturally Occurring	Point of Entry Solution		Methane-Gas Aerator		

Point-Of-Entry Solution				Point-Of-Entry Solution (Option)			
Part #	Type	Performance	Photo	Part #	Type	Performance	Photo
ZC1802746	Sediment 5-micron Carbon Block 5-micron ScaleArmor™ & Corrosion Heavy Corrosion Protection	• <0.4 PPM of Iron • 10-GPM Max Flow • 15-Grain Hardness • 250 PPM of Chlorides, Sulfates or Silica • 12-Month Expected Life		**BW-CAT-1MPT-08** **BW-CAT-1MPT-10** **BW-CAT-1.25MPT-10**	Blended Carbon for CTO and Chloramine Disinfectant Reduction - Autobackwash Design	• 8-GPM to Regeneration • 10-GPM to Regeneration • 12-GPM to Regeneration	
ZC1802746	Sediment 5-micron Carbon Block 5-micron ScaleArmor™ & Corrosion Heavy Corrosion Protection	• <0.4 PPM of Iron • 10-GPM Max Flow • 15-Grain Hardness • 250 PPM of Chlorides, Sulfates or Silica • 12-Month Expected Life		**BW-CAT-1MPT-08** **BW-CAT-1MPT-10** **BW-CAT-1.25MPT-10**	Blended Carbon for CTO and Chloramine Disinfectant Reduction - Autobackwash Design	• 8-GPM to Regeneration • 10-GPM to Regeneration • 12-GPM to Regeneration	
ZC1802746	Sediment 5-micron Carbon Block 5-micron ScaleArmor™ & Corrosion Heavy Corrosion Protection	• <0.4 PPM of Iron • 10-GPM Max Flow • 15-Grain Hardness • 250 PPM of Chlorides, Sulfates or Silica • 12-Month Expected Life		**BW-CAT-1MPT-08** **BW-CAT-1MPT-10** **BW-CAT-1.25MPT-12**	Blended Carbon for CTO and Chloramine Disinfectant Reduction - Autobackwash Design	• 8-GPM to Regeneration • 10-GPM to Regeneration • 12-GPM to Regeneration	
BW-AS-1MPT-08 **BW-AS-1MPT-10** **BW-AS-1.25MPT-12**	Effectively reduces Arsenic III and V as well as lead, cadmium, copper, chromium+6, selenium, and zinc	• 8-GPM to Regeneration • 10-GPM to Regeneration • 12-GPM to Regeneration					
ZC1802746	Sediment 5-micron Carbon Block 5-micron ScaleArmor™ & Corrosion Heavy Corrosion Protection	• <0.4 PPM of Iron • 10-GPM Max Flow • 15-Grain Hardness • 250 PPM of Chlorides, Sulfates or Silica • 12-Month Expected Life					
ZC1802746	Sediment 5-micron Carbon Block 5-micron ScaleArmor™ & Corrosion Heavy Corrosion Protection	• <0.4 PPM of Iron • 10-GPM Max Flow • 15-Grain Hardness • 250 PPM of Chlorides, Sulfates or Silica • 12-Month Expected Life		**BW-CAT-1MPT-08** **BW-CAT-1MPT-10** **BW-CAT-1.25MPT-12**	Blended Carbon for CTO and Chloramine Disinfectant Reduction - Autobackwash Design	• 8-GPM to Regeneration • 10-GPM to Regeneration • 12-GPM to Regeneration	
RA6000040	Stainless Steel Self-Cleaning Filter	• 30-GPM Max Flow • +12-Month Expected Life		**ZW1801746** **RA7707185** **RA7707186** **RA7707187**	Bag Filter Basket & Housing Filter Cartridge Washable Filter Cartridge Washable Filter Cartridge Washable	• 15-GPM • 1-Micron Filter • 5-Micron Filter • 50-Micron Filter	
ZW1801746 **RA7707185**	Bag Filter Basket & Housing Filter Cartridge Washable	• 15-GPM • 1-Micron Filter		**RA7707185**			
	Whole House Bone Char						

WATER TREATMENT APPLICATION GUIDE CONT.

Defined Aspects			Point-Of-Use Solution			
Issue	Cause	Treatment	Part #	Type	Performance	Photo
Gases	Vary and are usually naturally occurring	Depends upon type of gas for system used / Venting - Aeration				
Gray Fiber Stringy	Algae Bloom	Depends upon the type and amount	**RE6075310**	Reverse Osmosis	• 50 GPD Complete RO system	
Green or Blue / Green Stains	High Carbon Dioxide Level	Neutralizing calcite / Soda Ash / Reverse Osmosis	**RE6075310**	Reverse Osmosis	• 50 GPD Complete RO system	
Heavy Sediment Protection	Protects all appliances, pump and valves from sediment issues	Sediment Filtration	**RA6000040**	High Flow Stainless Steel Self-Cleaning Filter	• 30-GPM Max Flow • +12-Month Expected Life	
Herbicides	Pesticides may contaminate water sources as a result of runoff, wastewater discharges, and return flow from agricultural and irrigated areas	Carbon Block Catalytic Coconut Shell Carbon Filter / Whole House Carbon Block Filtration System / Carbon GAC Mix Bed Whole House Filtration System	**ZC111T618**	Under Counter Sediment and Carbon Block Filter System - CTO 5-micron	• 2 GPM @ 12,000 gallons life • Low Pressure Drop • Carbon Block Filter • Under Counter System	
Iron	Rainwater as it infiltrates the soil and underlying geologic formations dissolves iron, causing it to seep into aquifers that serve as sources of groundwater for wells	Whole House Iron Backwash Filtration System				
Iron Bacteria	Iron-rich fill material or bedrock can create an iron bacteria problem whenever it is located near water. In general, wherever there is oxygen, water and iron there is the potential for an iron bacteria problem	Apply Shock to the well / Chlorine Injection				
Large Sediment	Intrusion into Pipe	Carbon Block Coconut Shell Filter Sediment Filtration 90-micron	**ZC111T618**	Under Counter Sediment and Carbon Block Filter System - CTO 5-micron	• 2 GPM @ 12,000 gallons life • Low Pressure Drop • Carbon Block Filter • Under Counter System	
Lead	The most common sources of lead in drinking water are lead pipes, faucets, and plumbing fixtures	Carbon Block Catalytic Coconut Shell Carbon Filter / Whole House Carbon Block Filtration System / Carbon GAC Mix Bed Whole House Filtration System	**ZC111T619**	Under Counter Sediment and Carbon Block Filter System - CTO & LEAD 0.5-micron	• 0.75 GPM @ 2,500 gallons life • Low Pressure Drop • Lead Carbon Block Filter • Under Counter System	

Point-Of-Entry Solution				Point-Of-Entry Solution (Option)			
Part #	Type	Performance	Photo	Part #	Type	Performance	Photo
	Depends upon type of gas for system used / Venting - Aeration						
ZW1801746 **RA7707185**	Bag Filter Basket & Housing Filter Cartridge Washable	• 15-GPM • 1-Micron Filter					
	Chemical Feed Peristaltic Pump using Soda Ash or Calcite Separation						
RA6314030	High Flow Stainless Steel Self-Cleaning Filter	• 60-GPM Max Flow • +12-Month Expected Life		**ZW1801746** **RA7707185** **RA7707186** **RA7707187**	Bag Filter Basket & Housing Filter Cartridge Washable Filter Cartridge Washable Filter Cartridge Washable	• 15-GPM • 1-Micron Filter • 5-Micron Filter • 50-Micron Filter	
ZC1802746	Sediment 5-micron Carbon Block 5-micron ScaleArmor™ & Corrosion Heavy Corrosion Protection	• <0.4 PPM of Iron • 10-GPM Max Flow • 15-Grain Hardness • 250 PPM of Chlorides, Sulfates or Silica • 12-Month Expected Life		**BW-CAT-1MPT-08** **BW-CAT-1MPT-10** **BW-CAT-1.25MPT-12**	Blended Carbon for CTO and Chloramine Disinfectant Reduction - Autobackwash Design	• 8-GPM to Regeneration • 10-GPM to Regeneration • 12-GPM to Regeneration	
BW-IRON-1MPT-08	Effectively Reduces Iron Manganese Hydrogen Sulfide Reduction	• 8-GPM Max Levels • Iron 10-PPM • Manganese 3-PPM • Hydrogen Sulfide 3-PPM					
	Apply Shock to the well / Chlorine Injection						
RA6000040	Stainless Steel Self-Cleaning Filter	• 30-GPM Max Flow • +12-Month Expected Life		**ZW1801746** **RA7707185** **RA7707186** **RA7707187**	Bag Filter Basket & Housing Filter Cartridge Washable Filter Cartridge Washable Filter Cartridge Washable	• 15-GPM • 1-Micron Filter • 5-Micron Filter • 50-Micron Filter	
ZA1802746 **RE4520P05**	Lead & VOC Carbon Block CTO 0.5 Micron	• 2.5 GPM @ 60,000 Gallons • 6-Month Expected Life		**BW-AS-1MPT-08** **BW-AS-1MPT-10** **BW-AS-1.25MPT-12**	Effectively reduces Arsenic III and V as well as lead, cadmium, copper, chromium+6, selenium, and zinc	• 8-GPM to Regeneration • 10-GPM to Regeneration • 12-GPM to Regeneration	

WATER TREATMENT APPLICATION GUIDE CONT.

Defined Aspects			Point-Of-Use Solution			
Issue	Cause	Treatment	Part #	Type	Performance	Photo
Magnesium (Scale)	Naturally occurring in water as a result of groundwater dissolving magnesium from soils or dolomite rock	Reverse Osmosis / Scale reduction Media - ScaleArmor™	**RE6075310**	Reverse Osmosis	• 50 GPD Complete RO system	
Manganese	Manganese is a mineral that naturally occurs in rocks, soil, groundwater, surface water, and food and is a normal part of the human diet	Reverse Osmosis / Whole House Manganese Backwash Filter	**RE6075310**	Reverse Osmosis	• 50 GPD Complete RO system	
Metal Deterioration and Pitting	High Chlorides, Sulfates, and Silicas in Water Supply	Whole House Sediment, Scale and Carbon Filtration System				
Metal or Metallic	High Iron / Low pH / Acidic	Reverse Osmosis / Whole House Iron Reduction Backwash Filtration System	**RE6075310**	Reverse Osmosis	• 50 GPD Complete RO system	
Musty / Fishy	Algae Present	Reverse Osmosis / Whole House Bag Filtration System	**RE6075310**	Reverse Osmosis	• 50 GPD Complete RO system	
Nitrite/ Nitrate	Sources of nitrogen and nitrates may include runoff or seepage from fertilized agricultural lands, municipal and industrial waste water, refuse dumps, animal feedlots, septic tanks and private sewage disposal systems, urban drainage and decaying plant debris	Reverse Osmosis	**RE6075310**	Reverse Osmosis	• 50 GPD Complete RO system	
Oily / Petroleum	In-ground intrusion	Chemical Feed Peristaltic Pump for Petroleum Separation				
Particles	If you have well water, then the particles are likely dirt or sand from your private well. If the pieces are hard and irregularly shaped, they could be rust from the pipes in your home or municipal water mains	Sediment Filtration	**ZC111T618**	Under Counter Sediment and Carbon Block Filter System - CTO 5-micron	• 2 GPM @ 12,000 gallons life • Low Pressure Drop • Carbon Block Filter • Under Counter System	
Pesticides	Pesticides and fertilizers can enter storm drains, indoor drains, and groundwater through improper disposal and runoff.	Carbon Block Catalytic Coconut Shell Carbon Filter / Whole House Carbon Block Filtration System / Carbon GAC Mix Bed Whole House Filtration System	**ZC111T618**	Under Counter Sediment and Carbon Block Filter System - CTO 5-micron	• 2 GPM @ 12,000 gallons life • Low Pressure Drop • Carbon Block Filter • Under Counter System	

Point-Of-Entry Solution				Point-Of-Entry Solution (Option)			
Part #	Type	Performance	Photo	Part #	Type	Performance	Photo
ZC1700749	Melt Blown Sediment Filter 5-micron Cartridge ScaleArmor™ Scale Reduction Technology	• 10-GPM Max Flow • 15-Grain Hardness • 12-Month Expected Life		**ZC1802746**	Sediment 5-micron Carbon Block 5-micron ScaleArmor™ & Corrosion Heavy Corrosion Protection	• <0.4 PPM of Iron • 10-GPM Max Flow • 15-Grain Hardness • 250 PPM of Chlorides, Sulfates or Silica • 12-Month Expected Life	
BW-IRON-100-MPT-08	Effectively Reduces Iron Manganese Hydrogen Sulfide Reduction	• 8-GPM Max Levels • Iron 10-PPM • Manganese 3-PPM • Hydrogen Sulfide 3-PPM					
ZC1700749	Melt Blown Sediment Filter 5-micron Cartridge ScaleArmor™ Scale Reduction Technology	• 10-GPM Max Flow • 15-Grain Hardness • 12-Month Expected Life		**ZC1800746**	Melt Blown Sediment Filter 5-micron Cartridge ScaleArmor™ Scale Reduction Technology	• <0.4 PPM of Iron • 15-GPM Max Flow • 15-Grain Hardness • 12-Month Expected Life	
BW-IRON-100-MPT-08	Effectively Reduces Iron Manganese Hydrogen Sulfide Reduction	• 8-GPM Max Levels • Iron 10-PPM • Manganese 3-PPM • Hydrogen Sulfide 3-PPM					
ZW1801746 **RA7707185**	Bag Filter Basket & Housing Filter Cartridge Washable	• 15-GPM • 1-Micron Filter					
	Whole House Specialized Media Filtration Backwash Design						
	Chemical Feed Peristaltic Pump for Petroleum Separation						
RA6000040	Stainless Steel Self-Cleaning Filter	• 30-GPM Max Flow • +12-Month Expected Life		**ZC1802746**	Sediment 5-micron Carbon Block 5-micron ScaleArmor™ & Corrosion Heavy Corrosion Protection	• <0.4 PPM of Iron • 10-GPM Max Flow • 15-Grain Hardness • 250 PPM of Chlorides, Sulfates or Silica • 12-Month Expected Life	
ZC1802746	Sediment 5-micron Carbon Block 5-micron ScaleArmor™ & Corrosion Heavy Corrosion Protection	• <0.4 PPM of Iron • 10-GPM Max Flow • 15-Grain Hardness • 250 PPM of Chlorides, Sulfates or Silica • 12-Month Expected Life		**BW-CAT-1MPT-08** **BW-CAT-1MPT-10** **BW-CAT-1.25MPT-12**	Blended Carbon for CTO and Chloramine Disinfectant Reduction - Autobackwash Design	• 8-GPM to Regeneration • 10-GPM to Regeneration • 12-GPM to Regeneration	

WATER TREATMENT APPLICATION GUIDE CONT.

Defined Aspects			Point-Of-Use Solution			
Issue	Cause	Treatment	Part #	Type	Performance	Photo
PFOA/PFOS Forever Chemicals	The four major sources of PFAS are fire training/fire response sites, industrial sites, landfills, and wastewater treatment plants/ bio-solids	Reverse Osmosis / Whole House Specialized Carbon Filtration	**RE6075310**	Reverse Osmosis	• 50 GPD Complete RO system	
Radium	Radium is a naturally-occurring radioactive element that is present in rocks and soil within the earth's crust	Reverse Osmosis / Ion Exchange Water Softening	**RE6075310**	Reverse Osmosis	• 50 GPD Complete RO system	
Radon	Radium is a naturally-occurring radioactive element that is present in rocks and soil within the earth's crust	Point of Entry Solution		Methane-Gas Aerator		
Reddish/ Brown Staining on Sink or Cooking	Dissolved Ferris Iron into a Ferric State	Iron <3PPM Whole House Iron System / >3PPM Water Softener for Iron				
Reddish Color	Colloidal Iron	Chlorine Injection into Well / Whole House Sediment, Scale, and Carbon Filtration System				
Rotten Egg	Hot Water Only	Replace Magnesium Rod		See Water Heater Instruction Manual or Contact Wholesaler for OEM Equipment		
Rotten Egg Smell	Cold and Hot Water	Hydrogen Sulfide Reduction System with Iron and Manganese				
Rust	Iron Pipe, Pump or Valve Intrusion	Neutralizing Calcite / Whole House Sediment Filtration (5-micron)				

Point-Of-Entry Solution				Point-Of-Entry Solution (Option)			
Part #	Type	Performance	Photo	Part #	Type	Performance	Photo
ZC1802762	Sediment 1-micron Carbon Block 1-micron PFOA & PFOS Gallon Counter	• 10-GPM Max Flow • 60,000 Gallons • 6-Month Expected Life • 70 PPT reduction EPA		**ZC1803762**	Sediment 5-micron Carbon Block 1-micron Scale Armor™ & Corrosion Heavy Corrosion Protection PFOA & PFOS Gallon Counter	• <0.4 PPM of Iron • 10-GPM Max Flow • 15-Grain Hardness • 250 PPM of Chlorides, Sulfates or Silica • 12-Month Expected Life • Sediment 5-micron • Carbon Block 1-micron • Scale Armor™ & Corrosion • Heavy Corrosion Protection • PFOA & PFOS Gallon Counter	
	Ion Exchange Water Softening						
ZC1800746	Melt Blown Sediment Filter 5-micron Cartridge ScaleArmor™ Scale Reduction Technology	• <0.4 PPM of Iron • 15-GPM Max Flow • 15-Grain Hardness • 12-Month Expected Life		**BW-IRON-1MPT-08**	Effectively Reduces Iron Manganese Hydrogen Sulfide Reduction	• 8-GPM Max Levels • Iron 10-PPM • Manganese 3-PPM • Hydrogen Sulfide 3-PPM	
ZC1802746	Sediment 5-micron Carbon Block 5-micron ScaleArmor™ & Corrosion Heavy Corrosion Protection	• <0.4 PPM of Iron • 10-GPM Max Flow • 15-Grain Hardness • 250 PPM of Chlorides, Sulfates or Silica • 12-Month Expected Life		**BW-IRON-1MPT-08**	Effectively Reduces Iron Manganese Hydrogen Sulfide Reduction	• 8-GPM Max Levels • Iron 10-PPM • Manganese 3-PPM • Hydrogen Sulfide 3-PPM	
ZC1802746	Sediment 5-micron Carbon Block 5-micron ScaleArmor™ & Corrosion Heavy Corrosion Protection	• <0.4 PPM of Iron • 10-GPM Max Flow • 15-Grain Hardness • 250 PPM of Chlorides, Sulfates or Silica • 12-Month Expected Life		**BW-CAT-1MPT-08** **BW-CAT-1MPT-10** **BW-CAT-1.25MPT-12**	Blended Carbon for CTO and Chloramine Disinfectant Reduction - Autobackwash Design	• 8-GPM to Regeneration • 10-GPM to Regeneration • 12-GPM to Regeneration	
BW-IRON-1MPT-08	Effectively Reduces Iron Manganese Hydrogen Sulfide Reduction	• 8-GPM Max Levels • Iron 10-PPM • Manganese 3-PPM • Hydrogen Sulfide 3-PPM					
ZC1800746	Melt Blown Sediment Filter 5-micron Cartridge ScaleArmor™ Scale Reduction Technology	• <0.4 PPM of Iron • 15-GPM Max Flow • 15-Grain Hardness • 12-Month Expected Life		**BW-IRON-1MPT-08**	Effectively Reduces Iron Manganese Hydrogen Sulfide Reduction	• 8-GPM Max Levels • Iron 10-PPM • Manganese 3-PPM • Hydrogen Sulfide 3-PPM	

WATER TREATMENT APPLICATION GUIDE CONT.

Defined Aspects			Point-Of-Use Solution			
Issue	Cause	Treatment	Part #	Type	Performance	Photo
Salty	High Sodium Natural	Reverse Osmosis	**RE6075310**	Reverse Osmosis	• 50 GPD Complete RO system	
Sandy / Heavy Sediment	Naturally Occurring	Sediment Filter Technology / Bag Filtration	**ZC111T618**	Under Counter Sediment and Carbon Block Filter System - CTO 5-micron	• 2 GPM @ 12,000 gallons life • Low Pressure Drop • Carbon Block Filter • Under Counter System	
Scale Hardness Lime Issue	Calcium and magnesium enter the water mainly by leaching of rocks. Most calcium in surface waters come from streams flowing over limestone, dolomite, gypsum, and other calcium-containing rocks and minerals	Reverse Osmosis / Whole House Iron Reduction Backwash Filtration System	**RE6075310**	Reverse Osmosis	• 50 GPD Complete RO system	
Selenium	Selenium can be released into water resources by natural sources via weathering and by anthropogenic sources, such as surface mining, coal-fired power plants, and irrigated agriculture	Reverse Osmosis	**RE6075310**	Reverse Osmosis	• 50 GPD Complete RO system	
Silver	Rain washes silver compounds out of many soils so that it eventually moves into the groundwater	Reverse Osmosis	**RE6075310**	Reverse Osmosis	• 50 GPD Complete RO system	
Soap Scum / White Chalky Build-Up	High Calcium and Magnesium	Whole House Polyphosphate System / Water Softener				
TDS	Natural sources of TDS include springs, lakes, rivers, plants, and soil	Reverse Osmosis	**RE6075310**	Reverse Osmosis	• 50 GPD Complete RO system	
Under Sink Drinking and Cooking Water	Provides Bottle Quality Water and Kitchen Faucet Cold Water Side	Sediment, CTO, Chloramine, and Scale Protection	**ZC111T619**	Under Counter Sediment and Carbon Block Filter System - VOC, CTO & LEAD 0.5-micron	• 0.75 GPM @ 2,500 gallons life • Low Pressure Drop • Lead Carbon Block Filter • Under Counter System	
Vegetation / Wood	Naturally Occurring	Carbon Block Coconut Shell Filter / Reverse Osmosis System / Chlorine & Chloramine mixed bed Carbon Filter System	**ZC111T618**	Under Counter Sediment / Carbon Block Filter System - CTO 5-micron	• 2 GPM @ 12,000 gallons life • Low Pressure Drop • Carbon Block Filter • Under Counter System	
Viruses	Waterborne diseases are caused by water that is contaminated by human and animal urine and feces that contain pathogenic microorganisms	Filtration and Ultraviolet Sterilization	**SE6075310-UV**	Reverse Osmosis	• 50 GPD Complete RO system • Sanic Anti-Microbial Ultra Violet Sterilization Unit	

Point-Of-Entry Solution				Point-Of-Entry Solution (Option)			
Part #	Type	Performance	Photo	Part #	Type	Performance	Photo
	Whole House Reverse Osmosis System						
ZA1800746L **RE5117511**	String Wound Sediment Filter Cartridge 25-micron	• 15-GPM Max Flow • 25-Micron Sediment Filter • 12-Month Expected Life		**ZW1801746** **RA7707185** **RA7707186** **RA7707187**	Bag Filter Basket & Housing Filter Cartridge Washable Filter Cartridge Washable Filter Cartridge Washable	• 15-GPM • 1-Micron Filter • 5-Micron Filter • 50-Micron Filter	
ZC1700749	Melt Blown Sediment Filter 5-micron Cartridge ScaleArmor™ Scale Reduction Technology	• 10-GPM Max Flow • 15-Grain Hardness • 12-Month Expected Life		**ZC1802746**	Sediment 5-micron Carbon Block 5-micron ScaleArmor™ & Corrosion Heavy Corrosion Protection	• <0.4 PPM of Iron • 10-GPM Max Flow • 15-Grain Hardness • 250 PPM of Chlorides, Sulfates or Silica • 12-Month Expected Life	
ZC1802746	Sediment 5-micron Carbon Block 5-micron ScaleArmor™ & Corrosion Heavy Corrosion Protection	• <0.4 PPM of Iron • 10-GPM Max Flow • 15-Grain Hardness • 250 PPM of Chlorides, Sulfates or Silica • 12-Month Expected Life		**BW-CAT-1MPT-08** **BW-CAT-1MPT-10** **BW-CAT-1.25MPT-12**	Blended Carbon for CTO and Chloramine Disinfectant Reduction - Autobackwash Design	• 8-GPM to Regeneration • 10-GPM to Regeneration • 12-GPM to Regeneration	
	Cation Exchange Water Softening						
ZC1700749	Melt Blown Sediment Filter 5-micron Cartridge ScaleArmor™ Scale Reduction Technology	• 10-GPM Max Flow • 15-Grain Hardness • 12-Month Expected Life		**ZC1802746**	Sediment 5-micron Carbon Block 5-micron ScaleArmor™ & Corrosion Heavy Corrosion Protection	• <0.4 PPM of Iron • 10-GPM Max Flow • 15-Grain Hardness • 250 PPM of Chlorides, Sulfates or Silica • 12-Month Expected Life	
	Whole House Reverse Osmosis System						
ZC1802746	Sediment 5-micron Carbon Block 5-micron ScaleArmor™ & Corrosion Heavy Corrosion Protection	• <0.4 PPM of Iron • 10-GPM Max Flow • 15-Grain Hardness • 250 PPM of Chlorides, Sulfates or Silica • 12-Month Expected Life					
BW-CAT-1MPT-08 **BW-CAT-1MPT-10** **BW-CAT-1.25MPT-12**	Blended Carbon for CTO and Chloramine Disinfectant Reduction - Autobackwash Design	• 8-GPM to Regeneration • 10-GPM to Regeneration • 12-GPM to Regeneration					
ZC-UV-2020-SA-CT	Designed for point-of-entry applications for bacteriologically contaminated water	• Bacteria reduction up to 15 GPM					

WATER TREATMENT APPLICATION GUIDE CONT.

Defined Aspects			Point-Of-Use Solution			
Issue	Cause	Treatment	Part #	Type	Performance	Photo
VOC	Through industrial dumping, leaks, spills or from the use and improper disposal of household products that contain these chemicals	Carbon Block Catalytic Coconut Shell Carbon Filter / Whole House Carbon Block Filtration System / Carbon GAC Mix Bed Whole House Filtration System	**ZC111T619**	Under Counter Sediment and Carbon Block Filter System - VOC, CTO & LEAD 0.5-micron	• 0.75 GPM @ 2,500 gallons life • Low Pressure Drop • Lead Carbon Block Filter • Under Counter System	
Water Heater and Tankless Water Heater	Meets Manufacturer's Warranty for Sediment and Scale	Sediment and Scale Protection	**ZC1381427**	Tankless Water Heater Filter System with ScaleArmor™	• 14 GPM • 15-grain hard water • 12-month life	
Whole House Sediment and Scale Reduction	Provides Sediment and ScaleArmor™ Protection at all Water Dispensing Locations in House	Sediment and Scale Protection				
Whole House Sediment, Carbon and Scale Reduction	Provides Sediment CTO and ScaleArmor™ Bottle Quality Protection at all Water Dispensing Locations in House	Sediment, Chlorine, Chloramine and Scale Protection				
Yellowish Color	Tannins (humic acids)	Anion Exchange / Reverse Osmosis / Manganese Greensand Backwash Filter	**RE6075310**	Reverse Osmosis	• 50 GPD Complete RO system	

Point-Of-Entry Solution				Point-Of-Entry Solution (Option)			
Part #	Type	Performance	Photo	Part #	Type	Performance	Photo
BW-CAT-1MPT-08 **BW-CAT-1MPT-10** **BW-CAT-1.25MPT-12**	Blended Carbon for CTO and Chloramine Disinfectant Reduction - Autobackwash Design	• 8-GPM to Regeneration • 10-GPM to Regeneration • 12-GPM to Regeneration					
ZC1700749	Melt Blown Sediment Filter 5-micron Cartridge ScaleArmor™ Scale Reduction Technology	• 10-GPM Max Flow • 15-Grain Hardness • 12-Month Expected Life		**ZC1802746**	Sediment 5-micron Carbon Block 5-micron ScaleArmor™ & Corrosion Heavy Corrosion Protection	• <0.4 PPM of Iron • 10-GPM Max Flow • 15-Grain Hardness • 250 PPM of Chlorides, Sulfates or Silica • 12-Month Expected Life	
ZC1700749	Melt Blown Sediment Filter 5-micron Cartridge ScaleArmor™ Scale Reduction Technology	• 10-GPM Max Flow • 15-Grain Hardness • 12-Month Expected Life		**ZC1800746**	Melt Blown Sediment Filter 5-micron Cartridge ScaleArmor™ Scale Reduction Technology	• 15-GPM Max Flow • 15-Grain Hardness • 12-Month Expected Life	
ZC1702747	Sediment 5-micron Carbon Block 5-micron ScaleArmor™ & Corrosion Heavy Corrosion Protection	• <0.4 PPM of Iron • 10-GPM Max Flow • 15-Grain Hardness • 250 PPM of Chlorides, Sulfates or Silica • 12-Month Expected Life		**ZC1802746**	Sediment 5-micron Carbon Block 5-micron ScaleArmor™ & Corrosion Heavy Corrosion Protection	• <0.4 PPM of Iron • 10-GPM Max Flow • 15-Grain Hardness • 250 PPM of Chlorides, Sulfates or Silica • 12-Month Expected Life	
	Anion Exchange System						

NOTES



- Know exactly when the product needs to be changed or refilled
- Avoid the waste of unnecessary maintenance
- Preserve the efficiency of your product
- Learn more about the Atlas Filtri products range
- Easy to use, intuitive design
- Activate the warranty for your housings or cartridges

We value what really matters. Water

MADE IN USA

MADE IN ITALY

ATLAS FILTRI®
improving water

ATLAS FILTRI North America LLC
1068 North Farms Road Bldg. #3 | Wallingford, CT 06492, USA
Phone +1(203)284-0080 | e-mail: **atlasfiltrinorthamerica@atlasfiltri.com**

A Company of the Atlas Filtri Group. World headquarters located in Italy. Production facilities located in Italy and USA.
atlasfiltri.com

AB9210299US - R01-09/24. Subject to change without notice