



Anova

resources

New elements for everyday life



User Manual

One Corporate Drive Suite 500 • Wausau, WI 54401 • Phone: 715-301-0008
www.anovaresources.com



Welcome to Anova Resources

New elements for everyday life.

Our vision is to offer environmentally-efficient products for homes and businesses. We offer unique products that solve common water problems in innovative ways. Utilizing the latest in “green” technologies, our products are more efficient, use no salt or chemicals, use no energy and provide high quality water for everyday use.

Our products are packaged with the end user in mind. For the homeowner, we have packaged our product offerings in an attractive, appliance-style cabinet which complements the home. We believe today’s homeowners are looking for reliable, low maintenance, high-performing appliances ... and Anova Resources products deliver. Our top-of-the-line whole home systems operate virtually maintenance-free for two years!

Anova Resources’ R & D group has developed game-changing products for today’s increasingly environmentally conscious marketplace. This group of scientists and engineers continues in its efforts to develop the next generation of products that provide new solutions to everyday life.

Additionally, Anova Resources provides Dealer Support Programs such as product and sales training, sales and marketing literature, consumer financing, and a website with a Dealer locator.

Please visit our website (anovaresources.com) for additional Dealer information and updates.

Thank you and welcome to new elements for everyday life.

Chris Wilker, President/CEO



Anova Resources warrants the tank head/container and the mineral tank/container not to rust, leak or burst for five (5) years from the date of original installation, provided the mineral tank/container is installed according to manufacturer's recommendations and that the failure of the mineral tank/container is not the result of abuse, fire, freezing or other acts of nature.

Anova Resources warrants Anti-Scale media for a period of two (2) years from the date of original installation. Anova Resources warrants carbon media for a period of one (1) year from the date of original installation. All pre-filtration cartridges are warranted for thirty (30) days from the date of original installation. Anova Resources warrants all other parts for a period of one (1) year from the date of original installation. Damage to the Scale Stop media due to chlorine or other application misuse which may cause media fouling is not covered by this warranty.

Our obligation under this warranty is to provide replacement parts/media within the warranty period. Replacement parts will be delivered to Distributor F.O.B. Manufacturer's facility at no cost, excluding freight and local labor charges, if any.

Replacement tanks, tank heads and other parts covered under this warranty will be furnished F.O.B. factory, in exchange for pre-paid return of defective parts if requested by manufacturer.

Anova Resources shall not be liable for freight, handling or labor charges, including consequential damages.

This warranty is effective only under the following conditions:

1. The product/products are installed and operated within local plumbing codes, and on approved (potable) water supply.
2. Water pressures must not exceed 100 psi (7 bar).
3. Water temperature must not exceed 110 degrees °F (44 °C).
4. The maximum flow rate must not exceed 20 GPM (76 LPM) for whole home systems or 5 GPM (19 LPM) for point-of-use systems.
5. **For whole home systems:** Water supply **must not exceed** 3 PPM chlorine, 0.3PPM Iron, 0.05 PPM Manganese, **no** polyphosphate or H₂S & **must not exceed** 75 GPG (72°D and/or 128°F and/or 1282 PPM CaCO₃) hardness. **For point-of-use systems:** Water supply **must not exceed** 3 PPM chlorine, 0.3PPM Iron, 0.05 PPM Manganese, **no** polyphosphate or H₂S & **must not exceed** 50 GPG (48°D and/or 85°F and/or 855 PPM CaCO₃) hardness.
6. Information, including model number, serial number and date of original installation must be furnished on all warranty claims.
7. Defective parts are subject to inspection by either manufacturer or an authorized representative before warranty claims can be processed.
8. Manufacturer reserves the right to make changes or substitutions in parts with materials of equal quality and function.

Limitation of Liability

Anova Resources does not accept any liability for any loss or damage (direct, indirect, punitive, actual, consequential, incidental, special, exemplary or otherwise) resulting from any use of, or inability to use Anova Resources Web sites or the material, information, software, facilities, services or other content on Anova Resources Web sites, regardless of the basis upon which liability is claimed and even if Anova Resources has been advised of the possibility of such loss or damage, without limitation. You (and not Anova Resources) assume the entire cost of all necessary servicing, repair or correction in the event of any such loss or damage arising. If applicable law does not allow all or any part of the above limitation of liability to apply to you, the limitations will apply to you only to the extent permitted by applicable law.

CALIFORNIA PROPOSITION 65 WARNING

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. (California law requires this warning to be given to customers in the State of California.)



Notes to Installer/Dealer

The Whole Home system is light and only partially filled with media. This is normal. The UP-flow operation of the system requires substantial freeboard in order for the bed to fully fluidize.

The system has no underbed along with no mechanical moving valve components, so it can be tipped without fear of disrupting the media or possible malfunction.

The Whole Home system requires no drain or electricity which provides installation ease and flexibility.

Upon initial installation, carbon and anti-scale units should discharge to drain for 5-7 minutes or until water runs clear to ensure no carbon fines or water discoloration goes to home water service.

Ensure that the feed water source **does not** exceed the operating specifications detailed on Anova Resources product specification sheet and/or website at anovaresources.com.

If multiple water treatment devices are being applied, the Anova filtration/scale prevention system **must** be the last stage.

Do not let the system freeze or allow hot water to pass through it. Unit must be operated in a vertical position.

Complete and return Anova Resources Warranty Registration Card.



How Does the Scale Inhibitor Work?

For generations, salt-using water softeners have been virtually the only means of reliably treating hard water – the kind of water that causes scale build-up and premature failure of all water-using appliances.


Other alternatives, including magnets, electromagnets, electrostatic devices and catalysts have been made available but haven't proven to be consistently effective on a wide range of water supplies.

A recent scientific breakthrough called “Template Assisted Crystallization” (TAC) offers the first effective and consistent chemical-free scale prevention method to be certified by recognized third party testing agencies (DVGW).

This anti-scale technology converts hard water minerals into harmless, inactive microscopic crystals that pass harmlessly through the water system. Anova Resources has combined this anti-scale technology with other unique filtration techniques in an attractive appliance-style product that removes chlorine, tastes, odors and sub-micron sediment particles while eliminating scale buildup in your plumbing system.

This results in great-tasting, scale-free water for every tap in the home or workplace ... and it saves money while protecting plumbing and all water-using appliances.

Whole Home Filtration and Scale Prevention System

 Made in the U.S.A.

- Leading-edge green technology
- No salt, chemicals, wastewater or electricity
- Plug and play installation
- Attractive appliance styling



Model ATTC-1040

Specifications

Dimensions: H=48" W=33" D=22" (H=122 cm, W=84 cm, D=56 cm)

Threads: 1" female NPT

Operating Pressure: 15psi - 100psi (1 bar - 7 bar)

Max Flow Rate: 20 GPM (76 LPM)

Operating Temperature: 40-110 °F (4 - 44 °C)

pH: 6.5 - 8.5

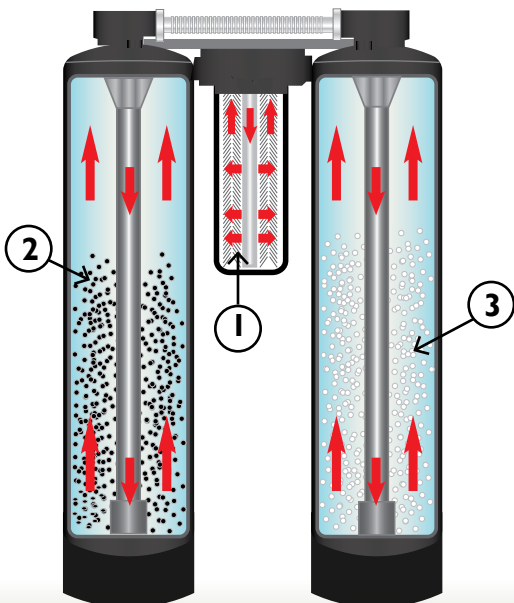
Chlorine: < 3ppm

Iron: <0.3ppm

Manganese: <0.05ppm

Hardness: <75 GPG (72°D and/or 128°F and/or 1282 PPM CaCO₃)

Polyphosphate & H₂S: none allowed



1. **ULTRANOVA** Filtration - Filters out nano-sized particles, silt and sand and is designed for extra long life.
2. Specialized Carbon - Specially treated high grade activated carbon is designed for extra long life and provides superior removal of chlorine, taste and odor.
3. Anti-Scale Technology - Reduces the harmful effects of hard water scale in the entire water supply while leaving the good minerals.

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Point-of-Use Scale Prevention System

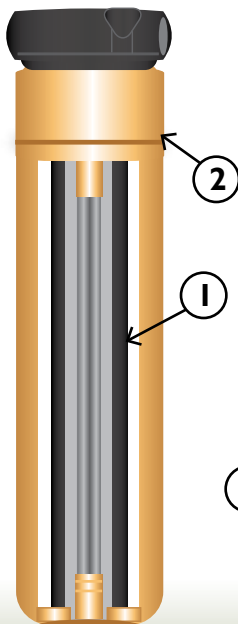
- Leading-edge green technology
- No salt, chemicals, wastewater or electricity
- Plug and play installation



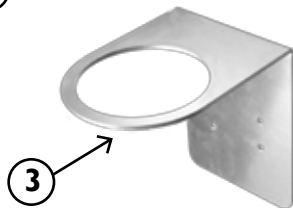
Model AST-420

Specifications

Dimensions: 4" X 20" (10 cm X 51 cm)
Threads: 1" male NPT
Operating Pressure: 15psi - 100psi (1 bar - 7 bar)
Max Flow Rate: 5 GPM (19 LPM)
Operating Temperature: 40-110 °F (4 - 44 °C)
pH: 6.5 - 8.5
Chlorine: < 3ppm
Iron: <0.3ppm
Manganese: <0.05ppm
Hardness: <50 GPG (48°D and/or 85°F and/or 855 PPM CaCO₃)
Polyphosphate & H₂S: none allowed



1. Anti-Scale Technology - Reduces the harmful effects of hard water scale in the entire water supply including superior protection of hot water heaters.
2. Heavy duty drawn aluminum canister designed for a variety of long-life applications, featuring an integrated food-grade liner.
3. Optional wall mounting bracket.





Please Retain For Your Records

Anova Resources, LLC

One Corporate Drive Suite 500

Wausau, WI 54401

715-301-0008

www.anovaresources.com

Dealer Name _____

Address _____

City _____ State _____ Zip _____

Phone Number _____ E-Mail _____

Installation Date _____

Model Number(s) _____

Serial Number(s) _____



Anova Resources Warranty Card

One Corporate Drive Suite 500, Wausau, WI 54401

Product Warranty Registration

Owner's Name _____

Address _____

City _____ State _____ Zip _____

Phone Number _____ E-mail _____

Dealer Name _____

Address _____

City _____ State _____ Zip _____

Phone Number _____ E-Mail _____

Installation Date _____

Model Number(s) _____

Serial Number(s) _____

Return Original Warranty Registration to Anova Resources, LLC

Customer Signature _____

Dealer Signature _____



Please
place
postage
here.



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