PureHome 365

AVANTI
5 STAGE PLATFORM
Point-Of-Entry

Reference Material & Warranty



Better Water | Better Living | Better Life

AVANTI ENGINEERED PLATFORM

Media & Technology Guide



The Gravel Support Layer (STAGE 1)

What It Does

The gravel support layer serves as the foundation of the filtration platform. It helps support the filtration media above it while promoting proper water distribution throughout the tank.

Why It Matters



- Supports media separation
- Helps improve backwashing efficiency
- Promotes even water flow
- Assists in preventing media migration
- Helps maintain long-term system performance

Customer Takeaway
While gravel does not perform contaminant reduction itself, it plays an important role in helping the filtration platform operate properly and efficiently.

What Is Garnet? (STAGE 2)

Garnet is a dense filtration media commonly used in municipal and industrial water treatment applications.

What It Is Designed To Support



- Fine particulate reduction
- Sediment reduction
- Turbidity reduction
- Improved filtration efficiency

Why AVANTI Uses Garnet
Because garnet is heavier and denser than many filtration medias, it helps create a stable filtration bed capable of capturing smaller particles while supporting efficient backwashing.

Customer Takeaway
Garnet helps support cleaner water by reducing fine particles that may affect water clarity and overall water quality.

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Understanding KDF® 55 Redox Media (STAGE 3)

What Is KDF®?

KDF® 55 is a **copper-zinc oxidation-reduction (redox) media** used throughout the water treatment industry.

What It Is Designed To Support

- **Chlorine** reduction
- **Chloramine** reduction support
- **Oxidation-reduction reactions**
- **Media protection**
- **Helps inhibit bacterial growth within the bed**
- **Helps reduce media fouling**
- **Helps extend media life and performance**



Why AVANTI Uses KDF®
KDF® helps support the performance of the filtration platform by **utilizing redox chemistry** to assist with certain municipal water treatment objectives.

What is REDOX CHEMISTRY?
Redox chemistry is a natural chemical process that helps certain contaminants react and change form as water passes through the treatment media. This process helps support chlorine reduction, chloramine reduction, and overall media performance.

Customer Takeaway
KDF® acts as an additional treatment layer that helps support chlorine reduction while helping extend media performance.

Understanding Catalytic Carbon (STAGE 4)

What Is Catalytic Carbon?

Catalytic carbon begins as activated carbon but **undergoes additional processing** that **enhances its surface characteristics.**

What It Is Designed To Support

- Chlorine reduction
- Chloramine reduction
- Taste improvement
- Odor improvement
- Select VOC reduction support



Why AVANTI Uses Catalytic Carbon
Municipal water systems frequently utilize chlorine or chloramines for disinfection. Catalytic carbon is commonly selected in applications where these treatment objectives are important.

Customer Takeaway

Catalytic carbon serves as the primary treatment media responsible for improving overall water aesthetics and supporting broad-spectrum contaminant reduction objectives.

AVANTI ENGINEERED PLATFORM

Media & Technology Guide



Understanding Salt-Free Scale Control (STAGE 5)

What Is Scale?

Scale occurs when naturally occurring minerals such as calcium and magnesium attach to plumbing surfaces and appliances.

How Salt-Free Scale Control Works
Unlike traditional water softeners, salt-free conditioning technology does not remove hardness minerals from the water.

Instead, it helps condition the minerals so they are less likely to form scale deposits on plumbing surfaces.

Benefits
- No salt bags
- No regeneration cycles
- No wastewater discharge
- No electricity required
- Preserves naturally occurring minerals



Customer Takeaway
Salt-free scale control helps reduce the tendency of hardness minerals to form scale while allowing naturally occurring minerals to remain in the water.

Why The AVANTI Platform Uses Multiple Media

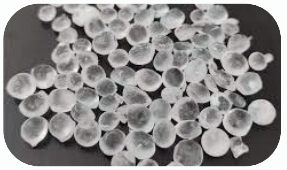
No single media is designed to perform every treatment function.

The **AVANTI Platform** combines multiple treatment technologies that work together to support:

- Sediment reduction
- Chlorine reduction
- Chloramine reduction
- Taste and odor improvement
- Scale-control support
- Long-term media performance

Customer Takeaway
Each media performs a specific role. Together, the engineered multi-media platform helps support overall water treatment performance while simplifying maintenance.

AVANTI PLATFORM

STAGE 1	STAGE 2	STAGE 3	STAGE 4	STAGE 5
				

PureHome 365

PRODUCT WARRANTY & COVERAGE GUIDE



PURE HOME 365 LIMITED WARRANTY

Limited Warranty. Pure Home 365 warrants its products for residential use against manufacturing defects on the terms and conditions set forth below.

1. **What is Covered?** This limited warranty covers defects in materials and workmanship in your product and installation services **only if** installed by Pure Home 365.

2. **What is Not Covered?** This limited warranty does not cover any damage, deterioration or malfunction resulting from any alteration, modification, improper or unreasonable use or maintenance, misuse, water hammer, pressure spikes or drops, abuse, accident, neglect, fire, improper packing and shipping (you must present such claims to the shipping company), lightning, freezing, power surges, or other acts of nature. Pure Home 365 products are designed to improve water quality through physical and chemical treatment processes. This limited warranty does not guarantee elimination of all contaminants; compliance with any regulatory standard; specific laboratory test results, taste improvement, odor improvement; flow rates, pressure performance, cartridge life and/ or suitability for every water condition. Actual results may vary based upon source water quality, contaminant levels, water chemistry, plumbing conditions, operating conditions, and maintenance practices. This limited warranty does **not** cover as Pure Home 365 may determine in its sole discretion: **(i)** any damage, deterioration, misuse or malfunction resulting from any unauthorized tampering or modification of the product, including but not limited to scratches, discoloration, weathering, label wear, bracket finish wear and/or minor gauge lens cracks that do not affect functionality; **(ii)** any repairs attempted by anyone unauthorized by Pure Home 365 to make such repairs; **(iii)** any other cause, which does not relate directly to a defect in materials and/or workmanship of the product, including but not limited to excessive contaminant loading, excessive water consumption, abnormal plumbing and flow rates; **(iv)** improper installation, including but not limited to the installer's failure to follow the proper installation instructions, use of improper parts and/or leaks; **(v)** installation or service provided by a 3rd party; **(vi)** commercial, industrial, agricultural, irrigation or other high volume applications; **(vii)** premature cartridge depletion from excessive water usage, including but not limited to pool and or hot tub filling, irrigation systems and any other high volume application; **(viii)** preexisting conditions, including but not limited to low pressure, low water flow, scale build up, corrosion and/ or pipe deterioration; and **(ix)** normal wear of o-rings and electronic components such as power adapters.

3. How Long Does this Coverage Last?

This limited warranty is effective from the later of **(i)** date of sale; or **(ii)** the date of installation if installed by Pure Home 365 or its authorized distributor, and extends as follows:

a. **ALL INSTALLATION MATERIALS, INCLUDING VALVES**: As provided by the installer;

b. **AVANTI WHOLE HOUSE AND POINT OF USE HOUSINGS (3 stage):** LIMITED LIFETIME WARRANTY ON HOUSING

c. **GUAGES:** TEN (10) YEARS ON GUAGES under normal residential use.

d. **ALL OTHER TANKS/HOUSINGS AND CONTROLLERS**: FIVE (5) YEAR LIMITED WARRANTY

e. **CARTRIDGES (EXCLUDING GENIUS BY PLATINUM CARTRIDGES):** ONE (1) YEAR LIMITED WARRANTY. Note: Cartridge life with normal use under normal conditions is typically twelve (12) to twenty-four (24) months and is affected by many factors, including but not limited to water quality and water use.

f. **REVERSE OSMOSIS UNITS:** TWO (2) YEAR LIMITED WARRANTY (see product material for additional details.

g. **AVANTI 5 STAGE PLATFORM:** FIVE (5) YEAR LIMITED WARRANTY ON CONTROLLER/ VALVE AND 10 YEAR LIMITED WARRANTY ON TANK.

h. **GENIUS BY PLATINUM:** TWO (2) YEAR LIMITED WARRANTY ON SYSTEM AND NINETY (90) DAYS ON THE CARTRIDGES. Note: Cartridge life with normal use under normal conditions is typically six months without pre-filtration and up to twelve (12) months with adequate pre-filtration.

i. **FITTINGS AND INTERNAL COMPONENTS:** ONE (1) YEAR LIMITED WARRANTY on all fittings and internal tank components.

j. **HYDRO REACTOR:**

   i. **POOL AND SPA:** FIFTEEN (15) YEAR LIMITED WARRANTY.
   ii. **GARDEN/BOAT/CAR:** ONE (1) YEAR LIMITED WARRANTY

k. **FILTER MEDIA (granular media, excluding Avanti cartridges):**

   i. Neutralizing Tanks – TWO (2) YEAR LIMITED WARRANTY
   ii. Carbon Tanks – FIVE (5) YEAR LIMITED WARRANTY
   iii. Softeners – FIVE (5) YEAR LIMITED WARRANTY
   iv. Iron Tanks – FIVE (5) YEAR LIMITED WARRANTY
   v. All other Media – TWO (2) YEAR LIMITED WARRANTY

   Note: You are responsible for shipping charges on warranty claims.

4. **Who is Covered?** Only the original purchaser of the Pure Home 365 product is covered under Pure Home 365's limited warranty. This limited warranty is not transferable to subsequent purchasers or owners of this product.

5. **What Pure Home 365 Will Do.** Pure Home 365 will, at its sole discretion, provide one of the following three remedies to whatever extent Pure Home 365, in its sole discretion, deems necessary to satisfy a proper claim under this limited warranty:

   a. Repair or facilitate the repair of any defective unit or parts, including but not limited to replacing one of more of an affected cartridge within a reasonable period, free of any charge for the necessary parts, other than any applicable shipping, handling and processing fees as expressly set forth herein, to complete the repair and restore this product to its proper operating condition. Unless otherwise set forth herein, Pure Home 365 will also pay the shipping costs necessary to return this product once the repair is complete; or
   b. Replace the defective product with a direct replacement or with a similar product deemed by Pure Home 365, in its sole discretion, to perform substantially the same function as the original product.

6. What Pure Home 365 Will Not Do Under This Limited Warranty?

a. If you have prior authorization from Pure Home 365 to return any product to Pure Home 365 or the authorized Distributor from which it was purchased or any other party authorized to repair Pure Home 365 products, you must insure the product during shipment, with said insurance and shipping charges prepaid by you. If this product is returned uninsured, you assume all risks of loss or damage during shipment.

b. Pure Home 365 is not responsible for any costs related to the removal or re-installation of any product.

c. Pure Home 365 is not responsible for any costs related to installation of setting up of any product, or any adjustment a product. Coverage provided by this Warranty does not include diagnostic visits, maintenance visits, travel charges, emergency service calls, after-hours service, labor charges, shipping charges, or other service-related expenses unless specifically authorized in advance, in writing by Pure Home 365.

7. How to Obtain a Remedy Under This Limited Warranty.

a. To obtain a remedy under this limited warranty, you must first contact either Pure Home 365 or the authorized distributor from whom you purchased the product. To pursue any remedy under this limited warranty, you must possess an original, dated contract or receipt as proof of purchase from an authorized Pure Home 365 distributor.

b. Do not return this product to Pure Home 365 under this limited warranty without first obtaining a return authorization number ("RMA"). You can obtain an RMA only from Pure Home 365's Customer Service Department **(in the US call 941-557-7873 or email at support@purehome365.com)**

c. If Pure Home 365 decides that you need to return it directly to Pure Home 365, make sure that you properly pack the product, preferably in the original carton, for shipping.

d. Pure Home 365 will refuse any cartons not bearing a return authorization number.

e. Provide any information requested by Pure Home 365, including but not limited to photographs, video, utility bills, installation records, maintenance/service records and proof of purchase.

8. **Limitation of Liability.** THE MAXIMUM LIABILITY OF PURE HOME 365 UNDER THIS LIMITED WARRANTY SHALL NOT EXCEED THE ACTUAL PURCHASE PRICE PAID FOR THE PRODUCT. TO THE MAXIMUM EXTENT PERMITTED BY LAW, PURE HOME 365 IS NOT RESPONSIBLE FOR DIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM ANY BREACH OF WARRANTY OR CONDITION, OR UNDER ANY OTHER LEGAL THEORY. Some countries, districts and/or states do not allow the exclusion or limitation of relief, special, incidental, consequential or indirect damages, or the limitation of liability to specified amounts, so the above limitations or exclusions may not apply to you.

Force Majeure. Pure Home 365 is not be liable for any delay in performing, or failure to perform, any obligation under this Limited Warranty to the extent such delay or failure results from causes beyond Pure Home 365's reasonable control, including, without limitation, water main breaks; municipal line flushing; changes in the source water; excessive sediment loading; acts of God; flood; fire; earthquake; hurricane; tornado; severe weather; epidemic; pandemic; public health emergency; war; terrorism; civil unrest; sabotage; labor disputes; strikes; shortages of labor, fuel, energy, transportation, raw materials, or components; supply chain disruptions; governmental actions, laws, regulations, embargoes, or orders; utility outages; cyberattacks; or failures of third-party suppliers or carriers (each, a "Force Majeure Event"). During any Force Majeure Event, Pure Home 365's obligations under this Limited Warranty are suspended for the duration of the Force

Majeure Event, and the time for performance shall be extended by a period equal to the delay caused thereby. Pure Home 365 shall use commercially reasonable efforts to resume performance as soon as practicable after the Force Majeure Event has ended.

9. **Exclusive Remedy.** TO THE MAXIMUM EXTENT PERMITTED BY LAW, THIS LIMITED WARRANTY AND THE REMEDIES SET FORTH ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, REMEDIES AND CONDITIONS, WHETHER ORAL OR WRITTEN, EXPRESS OR IMPLIED. TO THE MAXIMUM EXTENT PERMITTED BY LAW, PURE HOME 365 SPECIFICALLY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IF PURE HOME 365 CANNOT LAWFULLY DISCLAIM OR EXCLUDE IMPLIED WARRANTIES UNDER APPLICABLE LAW, THEN ALL IMPLIED WARRANTIES COVERING THIS PRODUCT, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL APPLY TO THIS PRODUCT AS PROVIDED UNDER APPLICABLE LAW. IF ANY PRODUCT TO WHICH THIS LIMITED WARRANTY APPLIES IS A "CONSUMER PRODUCT" UNDER THE MAGNUSON-MOSS WARRANTY ACT (15 U.S.C.A. §2301, ET SEQ.) OR OTHER APPLICABLE LAW, THE FOREGOING DISCLAIMER OF IMPLIED WARRANTIES SHALL NOT APPLY TO YOU, AND ALL IMPLIED WARRANTIES ON THIS PRODUCT, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR THE PARTICULAR PURPOSE, SHALL APPLY AS PROVIDED UNDER APPLICABLE LAW.

10. **Other Conditions.**

a. This limited warranty gives you specific legal rights, and you may have other rights which vary from country to country or state to state. This limited warranty is void if (i) this product is not purchased from Pure Home 365 or an authorized Pure Home 365 distributor; or (ii) the product was altered. If you are unsure whether a seller is an authorized Pure Home 365 distributor, contact Pure Home 365 Customer Service at **941-557-7873**
b. International Shipments may incur additional shipping charges.
c. All funds are in US currency.
d. Any fees mentioned in this warranty are subject to change without notice and you will pay the fees in effect at the time you make your claim.
e. Damages incurred during shipping are not considered warranty claims. You must address any such damage with the carrier.

Clydesdale - 1” Series

Filtering Model	Model #	Cubic Ft Media	Mineral Tank	SVC (Service) Flow Rate	Backwash Rate
	**1” Standard Distributor**				
	CTF-948-1	1 cu ft	9 x 48	3 gpm	4.2 gpm
	CTF-1044-1	1.25 cu ft	10 x 44	5 gpm	5.3 gpm
	CTF-1054-1	1.5 cu ft	10 x 54	5 gpm	5.3 gpm
	CTF-1252-1	2 cu ft	12 x 52	7 gpm	6.5 gpm
	CTF-1354-1	2.5 cu ft	13 x 54	9 gpm	9 gpm
	CTF-1465-1	3 cu ft	14 x 65	10 gpm	13 gpm
	CTF-1665-1	4 cu ft	16 x 65	12 gpm	15 gpm
	Time Clock 3-Button Valve 				

MINERAL TANK AVAILABLE COLORS:
Black, Natural, Almond, Blue, Platinum
Mineral tank jackets are available upon request.
Optional outdoor weather covers.
Optional dome hole tanks available.

Sizing is approximate and can change depending on water usage.
Larger systems are available for commercial

Typical medias used in the ChargerPro Clydesdale filter systems:
Anthracite, Birm®, Calcite, Corosex®, Carbon, Filter-Ox™, Filter-Ag®/Filter-Ag Plus®, GreensandPlus™, Katalox Light®, KDF®, & NextSand™.
Other medias are available depending your application. Contact your water treatment professional for more information.

ChargerPro Clydesdale Valve Benefits

- Allows for downflow
- Battery time back up (keeps clock accurate in power outage)
- Fully adjustable with up to 3 cycles
- Day override 1-99 days available
- Post-treated water regenerative refill

ChargerPro Clydesdale - 1” Series Valve Specifications

Inlet/Outlet (1).....3/4” to 1.5“ NPS Adapter
Cycles.....up to 3
Valve Material.....Fiber Reinforced Composite
Operating Pressures
Minimum/Maximum.....20 psi - 125 psi
Operating Temperatures
Minimum/Maximum.....40° - 110°F

PureHome 365

A HEALTHY HOME STARTS WITH HEALTHY WATER.



Thank you

for trusting us with your water.

Better Water. Every Tap. Every Day.

WE'RE HERE WHEN YOU NEED US

SARASOTA, FL: 941-557-PURE

ASHEVILLE, NC: 828-532-2015

purehome365.com

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Results may vary based on water conditions and system configuration.
Component certifications apply where specified.