



CENTAUR® Catalytic Carbon Filters

Economical and highly effective removal of chloramine, chlorine, and disinfection by-products

HydraPlus™ CENTAUR® catalytic activated carbon filters contain a specialized form of granular activated carbon (GAC) designed specifically for the removal of chloramine, a common disinfectant added to water by municipalities to kill pathogens. The properties that make CENTAUR® so effective at chloramine removal, also give it enhanced capacity for the removal of chlorine and disinfection by-products like THMs and HAAs, as well as many organic compounds commonly responsible for bad tastes and odours. CENTAUR® exhibits significantly greater chloramine, chlorine and general organics reduction capacity as compared to standard carbons.

HydraPlus™ systems combine the industry's most advanced control valve, a brand name media tank made in North America, with the world's most respected brand of catalytic carbon to create a simple but highly-effective and economical whole house filter system.

The result is refreshing, chloramine and chlorine-free water that tastes great at every faucet in your home. Furthermore, your skin and hair are protected from the drying and damaging effects of these disinfectants. Harmful by-products such as Trihalomethanes (THMs) and Haloacetic acids (HAAs) are also removed. These contaminants often form when chlorine added to disinfect city water interacts with natural organic matter in the water.

- ◆ Refreshing, great tasting water from every faucet - no more bad smells and tastes!
- ◆ No filter cartridges to replace and limited maintenance!
- ◆ Cost-effective and long-lasting media
- ◆ Automated backwash keeps the media clean and operating efficiently



The filter's control valve features metered backwash, 6-cycle programming (you can change both the duration and order of cycles), color-coded back-lit display, programmable service reminders (with dealer name and phone number display), advanced diagnostics, battery back-up, two relays to connect to accessory devices, and more.

CENTAUR® catalytic carbon is commonly used to remove hydrogen sulfide which causes a distinct rotten egg or sulfur odour. If this is an objective, we recommend that you consider our AIO-C-HP Series filters that combine Injection Oxidation (AIO) technology with CENTAUR® for even greater performance!





- ◆ Removes chloramine
- ◆ Removes bad tastes and odours
- ◆ Removes disinfection byproducts



- ◆ Refreshing and great tasting water
- ◆ No chloramine or byproducts
- ◆ Bottled water quality for pennies



- ◆ Better tasting coffee, tea, juice
- ◆ No chlorine residual on fruit & veggies
- ◆ Pure flavors from foods

Popular Add-Ons and Accessories

Vortech



Enpress Vortech® Tank Upgrade

Looking to reduce water consumption and waste? With an upgrade to a Vortech® media tank, you can reduce your backwash and rinse water volume by 30 to 40%! A Vortech® tank upgrade is a great option for homes with low-yield wells or in areas prone to drought and water restrictions where water conservation is important.



No Raw Water Bypass Valve

During backwash, HydraPlus™ systems will continue to supply service water, however, it will be untreated. If it is essential to prevent untreated water from reaching the building during backwash, a No Raw Water Bypass Valve can be added to the system.



Bypass and Fittings

All HydraPlus™ systems come standard with a bypass assembly included as well as 1 inch NPT elbow (Clack® V3007) connection fittings. A wide range of alternative connection fittings can be ordered separately in 3/4 and 1 inch sizes, including NPT thread, Shark Bite®, John Guest®, and sweat/solder options.

Specifications & Operating Conditions

CENTAUR®-HP Series	8-44	9-48	10-54	12-52	13-54	14-65
Optimal Service Flow Rate (GPM)*	2.5	3.5	4.0	5.5	6.5	7.5
Maximum Service Flow Rate (GPM)*	3.5	4.5	5.5	8.0	9.0	10.0
Backwash Flow Rate at 40F / 70F Water Temp (GPM)	3.2 / 4.2	4.2 / 5.3	5.3 / 6.5	7.5 / 9	9 / 10	10 / 13

Min. / Max. Water Pressure	20 / 90 PSI**
Recommended Water Pressure	40 to 70 PSI**
Water Temperature	40°F to 100°F (4°C to 38°C)***
Minimum Air Temperature	38°F (4°C)***
pH Range	7.0 to 8.5 ****

* For best contaminant removal, the optimal service flow rate specified for your model should not be exceeded. Satisfactory to good filtration can generally be achieved up to the recommended maximum service flow rate as long as this level of flow rate is not sustained continuously.

** If your water pressure is greater than 70 PSI, we strongly recommend that a pressure reducing valve be installed ahead of the HydraPlus™ system.

*** The system cannot be exposed to freezing conditions or severe damage to the system and your property could occur.

**** If the pH level is less than 7.0, pH correction is strongly recommended to prevent long-term corrosion damage to your plumbing system, and to prevent leaching of metals from plumbing components and solder in your plumbing system.

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