HydraPLUS+ Professional

next™ Sand

High-Efficiency Turbidity Reduction Filters

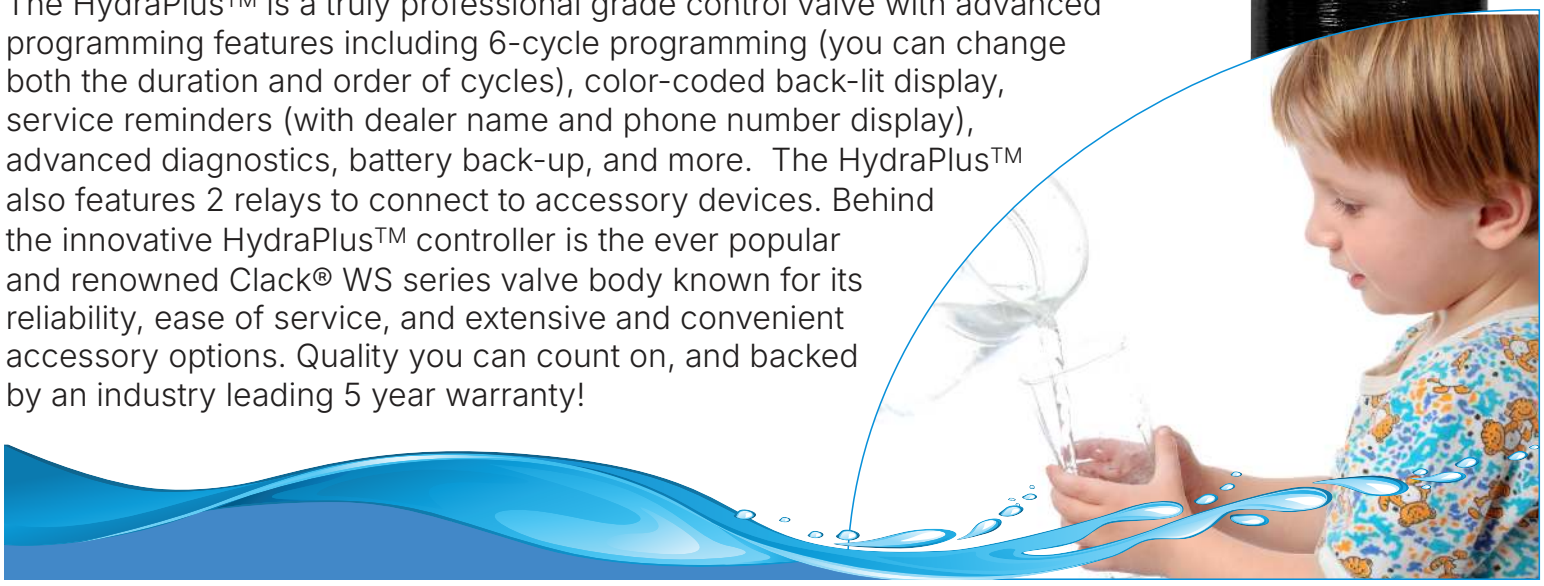
Highly effective and economical sediment / turbidity / particulate reduction filters with higher flow rates, lower backwash rates, and finer filtration than the competition!

NextSand™ media is the world's most advanced turbidity reduction media. In addition to providing much finer filtration than traditional sand and multi-media filters, NextSand™ requires less backwash rate and volume, has higher service flow rates for a given volume of media, and it costs less too! It also outperforms competitors' turbidity reduction media! Nothing outperforms NextSand™!

- Very fine filtration (3 to 5 microns nominal filtration possible)
- No filter cartridges to replace!
- Superior flow rates, 3-4 times that of multimedia
- High capacity filtration throughout the entire NextSand™ bed depth provides more than twice the dirt-holding capacity of multimedia filtration
- Cost-effective and long-lasting media (5 to 10 years)
- Simple, automated periodic backwash keeps the media clean and operating efficiently

Like the ancient Hydra of Greek and Roman mythology, the HydraPlus™ is a master of regeneration, offering the highest level of control over the backwash and regeneration of your water treatment system of any valve on the market today.

The HydraPlus™ is a truly professional grade control valve with advanced programming features including 6-cycle programming (you can change both the duration and order of cycles), color-coded back-lit display, service reminders (with dealer name and phone number display), advanced diagnostics, battery back-up, and more. The HydraPlus™ also features 2 relays to connect to accessory devices. Behind the innovative HydraPlus™ controller is the ever popular and renowned Clack® WS series valve body known for its reliability, ease of service, and extensive and convenient accessory options. Quality you can count on, and backed by an industry leading 5 year warranty!



- No filter cartridges to replace
- Long-life media
- Fully automated periodic backwash

- Removes dirt, sediment, & particulate
- Removes rust (oxidized iron)
- Filters down to 3 to 5 microns

- Prevent sediment from damaging your water heater and appliances
- No more dull gray laundry

Popular Add-Ons and Accessories

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 regeneration, 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 regeneration, 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

NS-HP Series	8-44	9-48	10-54	12-52	13-54	14-65
Optimal Service Flow Rate (GPM)*	4.2	5.3	6.5	9.4	11.1	12.8
Maximum Service Flow Rate (GPM*	7	8.8	10.9	15.7	18.4	21.4
Backwash Flow Rate at 40F / 70F Water Temp (GPM)	4.2 / 7.5	6.5 / 9	7.5 / 10	10 / 15	13 / 17	15 / 20

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.

Manufactured By:

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