

Water Filter

Turbidity, Ferric Hydroxide (red water iron) and Sediment Filter

Remove suspended solids, Ferric Hydroxide (red water iron) or sediment from your well or water system down to five (5) Microns. Next-Sand™ has proven extremely effective and will double the service flow of multimedia or sand filters.



KEY FEATURES

Next-Sand™: Certified to NSF/ANSI/CAN 61, which now includes NSF/ANSI/CAN 372 Lead Free requirements, Next-Sand™ is a remarkable advance in media filtration technology. Based on a rare natural mineral that is highly processed and refined, Next-Sand's unique properties allow it to radically alter the performance and cost of

media filtration. The hardness, stability and micro-porous character of Next-Sand™ makes it a perfect filtration media for virtually every application in the water industry.

VALVE FEATURES

True 1" Porting: For high-flow applications.

1" 90-Degree Elbows: Included for easy installation.

Timesaving Quick Connect Fittings: Quick connect fittings on bypass, drain line (10' included) and power cord. Bypass included.



Four Line Touch Pad LCD Display: No-touch rotating information display. Just set the time and date.

Regeneration Modes:
Standard: Meter delayed
Optional: meter immediate, meter override and calendar clock.

48-Hour Programming Memory: Automatic programming restore for up to 48 hours during power loss.



REMOVE RED WATER IRON



CONTROL VALVE



TANKS



IAPMO R&T Certified to NSF/ANSI 42, 372 and CSA B483.1.

Technical Specifications

PROFESSIONALLY ENGINEERED FOR PERFORMANCE

MODEL NUMBER	HT89DF-100NEX	HT89DF-150NEX	HT89DF-200NEX
Item Number	15550139	15550146	15550153
Media (Cubic Feet)	1.0 ft ³	1.5 ft ³	2.0 ft ³
Service Flow Rate	5.0 US gpm	8.0 US gpm	10.0 US gpm
Peak Flow Rate	8.0 US gpm	10.0 US gpm	12.0 US gpm
Backwash Flow Rate	7.0 US gpm	10.0 US gpm	14.0 US gpm
Micron Rating	3-5 micron	3-5 micron	3-5 micron
Pressure Tank Size (Inches)	9 x 48	10 x 54	12 x 52
Media Loaded	Yes	No	No
Shipping Weight	93 lbs	124 lbs	160 lbs
Media Type	NEXT-SAND™		
Plumbing Connections	INCLUDES 1" 90° NPT ELBOWS		
Electrical Requirements	INPUT 120V 60 Hz - OUTPUT 12V 650mA		
Water Temperature Limits	MIN 40° - MAX 110° F (4° - 43° C)		
Water Pressure Limits	MIN 30 - MAX 125 PSI (206 - 862 KPA)		

Not intended for treating water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

Peak flow rates are intended for intermittent use only (10 minutes or less) and are for residential applications only. Do not use peak flow rate for commercial applications or for a continuous rate when treated water supplies are geothermal heat pump, swimming pool, etc. For satisfactory operation, the pumping rate of the well system must equal or exceed indicated backwash flow rate.

DIMENSIONS

HT89-NEX	100	150	200
TANK/VALVE A x B (inches)	56 x 9	62 x 10	60 x 12



Homeowner's
Manual



Installation
Guide



Maintenance
Guide



Troubleshooting
Guide



Parts
Breakdown



Programming
Guide



Warranty



PROUD
MEMBERS



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