

### 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.

**TIMESAIVING QUICK CONNECT FITTINGS & PRE-INSTALLED BYPASS**  
Quick connect fittings on bypass, drain line (10' included), brine line and power cord.

**UNIQUE BYPASS DESIGN**  
Integrated turbine meter saves space, eliminates connections and is more durable.



**FOUR LINE TOUCH PAD LCD DISPLAY** No-touch rotating information display. Just set the time and date.

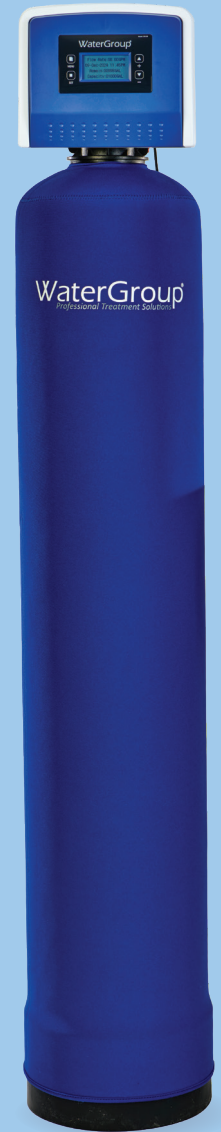
**48-HOUR PROGRAMMING MEMORY** Automatic programming restore for up to 48 hours during power loss.



CONTROL VALVE



PRESSURE TANK



**REMOVE RED WATER IRON**



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

# Technical Specifications

## PROFESSIONALLY ENGINEERED FOR PERFORMANCE

### QUICK LINKS



Homeowner's Manual



Installation Guide



Maintenance Guide



Trouble Shooting Guide



Parts Breakdown



Programming Guide



Warranty Sheet

| MODEL NUMBER                       | 189DFNEX-100                         | 189DFNEX-150        | 189DFNEX-200        |
|------------------------------------|--------------------------------------|---------------------|---------------------|
| <b>Item Number</b>                 | 82326                                | 82327               | 82328               |
| <b>Media (Cubic Feet)</b>          | 1.0 ft <sup>3</sup>                  | 1.5 ft <sup>3</sup> | 2.0 ft <sup>3</sup> |
| <b>Service Flow Rate</b>           | 5.0 US gpm                           | 8.0 US gpm          | 10.0 US gpm         |
| <b>Peak Flow Rate</b>              | 8.0 US gpm                           | 10.0 US gpm         | 12.0 US gpm         |
| <b>Backwash Flow Rate</b>          | 7.0 US gpm                           | 10.0 US gpm         | 12.5 US gpm         |
| <b>Micron Rating</b>               | 3-5 micron                           | 3-5 micron          | 3-5 micron          |
| <b>Pressure Tank Size (Inches)</b> | 9 x 48                               | 10 x 54             | 12 x 52             |
| <b>Media Loaded</b>                | Yes                                  | Yes                 | No                  |
| <b>Shipping Weight</b>             | 93 lbs                               | 124 lbs             | 160 lbs             |
| <b>Media Type</b>                  | NEXT-SAND™                           |                     |                     |
| <b>Plumbing Connections</b>        | INCLUDES 1" 90° NPT ELBOWS           |                     |                     |
| <b>Electrical Requirements</b>     | INPUT 120V 60 Hz - OUTPUT 12V 650mA  |                     |                     |
| <b>Water Temperature Limits</b>    | MIN 40° - MAX 110° F (4° - 43° C)    |                     |                     |
| <b>Water Pressure Limits</b>       | 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

| WG189DFNEX Filters                  | 100         | 150          | 200         |
|-------------------------------------|-------------|--------------|-------------|
| <b>TANK/VALVE</b><br>A x B (inches) | 56.25 x 9.0 | 62.25 x 10.0 | 60.5 x 12.0 |



**WaterGroup**  
Professional Treatment Solutions

A DIVISION OF  
**Canature**  
WaterGroup

**Water Quality**  
Association

**CWQA**  
Canadian Water Quality Association

**ZCPH**  
Canadian Institute of Plumbing & Heating

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PLUMBING-HEATING-COOLING CONTRACTORS ASSOCIATION  
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