

Clean and clear water for the home.

Reliable water filtration products for problem water.

next[™] Sand
500 Gallons Turbidity

**SEDIMENT AND
TURBIDITY FILTER**

Suspended particulate matter which gives water a cloudy appearance is trapped in this high performance silt, sediment and turbidity media filter bed to produce clean, clear water.

This filter uses next-Sand media which is based on a rare natural mineral that is highly processed and graded. Its unique properties allow it to radically alter the performance and cost of media filtration. The hardness, stability and micro-porous character of next-Sand filter makes it a perfect filtration media for virtually every application in the water and wastewater treatment industry.

next-Sand Features

- High filtration performance - 3-5 micron removal.
- High capacity filtration throughout the entire next-Sand filter bed depth provides more than twice the capacity of multimedia filtration.
- High flow— 3-4 times that of multimedia with superior filtration.
- Long lasting media (>5 years) not consumed in the process.
- Simple periodic backwash keeps the media clean and operating efficiently.



next-Sand is a high-purity filter media that offers water filtration advantages over conventional sand, sand & anthracite, multimedia and other filter media products for pressure vessel applications. next-Sand provides higher solids loading, longer running times, superior performance and long bed life.

next-Sand filter media achieves approximately, twice the solids loading capacity per cubic ft. of media compared to conventional, granular, filter beds. This higher solids loading capacity translates to longer operational, running times, reduced backwash cycles and lower labor and energy costs.



Hydrotech[®]
A division of WaterGroup

Features

- High flow 7000SXT control valve
- next-Sand media
- User friendly electronics and simple serviceability
- Adjustable cycles
- Heavy duty mineral tank
- High flow bypass valve

Warranty

- Control valves are covered by a 5 year parts warranty
- Mineral tanks are covered by a 10 year warranty

Options

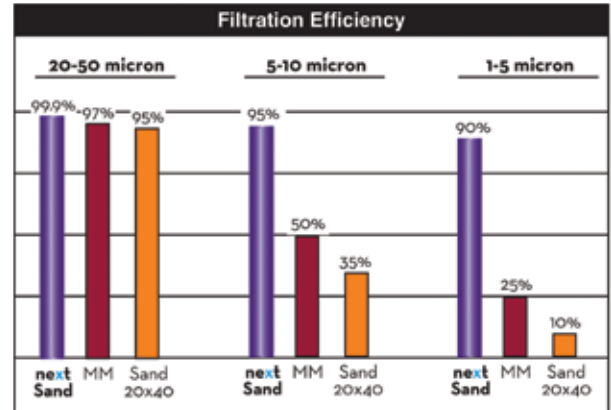
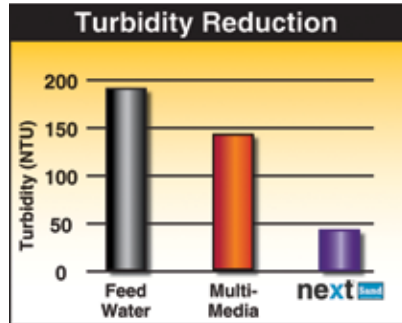
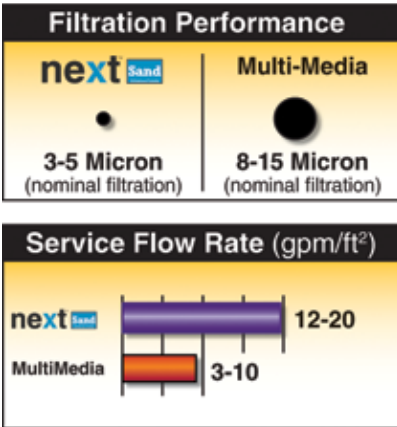
- 1" or 1-1/4" MNPT Noryl connectors for 7000 valve
- 1" & 1-1/4" sweat copper connectors for 7000 valve
- 1-1/4" & 1-1/2" sweat copper connectors for 7000 valve
- 90° elbow



1" & 1-1/4" MNPT Noryl Connectors



Optional 90° Elbow Available



Specifications and Performance

Model Number	Media Cu. Ft. (Litres)	Pipe Size inches (mm)	Flow Rates (For ultrafine particle removal 3-5 Micron) USGPM (LPM)			Flow rates for Typical Application (8-15 Micron) USGPM (LPM)			Mineral Tank Size inches (mm)	Shipping Weight lbs (kg)
			Service	Peak	Backwash*	Service	Peak	Backwash*		
7000CC-847NEXTSF-75	0.75 (21)	3/4 (19)	4 (15)	5 (19)	5 (19)	5.6 (21)	7.0 (27)	5 (19)	8 X 47 (203 X 1194)	95 (43)
7000CC-948NEXTSF-100	1.00 (28)	3/4 (19)	5 (19)	7 (27)	7 (27)	7.0 (27)	8.7 (33)	7 (27)	9 X 48 (229 X 1219)	145 (66)
7000CC-1054NEXTSF-150	1.5 (42)	3/4 (19)	7 (27)	8 (30)	8 (30)	8.7 (33)	10.9 (41)	8 (30)	10 X 54 (254 X 1372)	213 (97)
7000CC-1252NEXTSF-200	2.0 (56)	3/4 (19)	10 (38)	12 (46)	12 (46)	12.6 (48)	15.7 (60)	12 (46)	12 X 52 (305 X 1320)	265 (120)

NOTE: The standard filter unit comes with bypass. The standard filter does not come with a flow meter.

Operating Temperature Range: 34° to 110°F (1° to 43°C)
 Operating Pressure Range: 20 to 120 psi (137 to 827 kPa)
 Electrical: 24V/60Hz with a supplied 120V/60Hz Wall Mount Approved Class 2 Transformer

* Backwash flow rate according to 50°F (10°C) water temperature. Check the operations manual for backwash flow rate requirements.

Caution: These products are not intended to be used to treat 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 and are for residential application only.
- The manufacturer reserves the right to make product improvements which may deviate from the specifications and descriptions stated therein, without obligation to change previously manufactured products or to note the change.