



Zeotech Corporation

ZEOBRITE[®] XTREME POOL FILTER MEDIA

Important: Follow Instructions ***RESIDENTIAL FILTER INSTALLATION GUIDELINE***

Step 1. Turn-off power to filter pump. Turn multi-port valve to the closed position. Clear work area and observe all safety precautions. For new filter installations, skip to Step 5.

Step 2. Release air pressure from filter tank. Carefully remove filter tank cover and move distributor for access to media bed. (Consult filter manufacturer's manual for specific directions concerning filter piping)

Step 3. If filter is equipped with a drain plug, remove drain plug and drain water from filter tank.

Step 4. Remove existing media from filter tank. A heavy-duty shop vac comes in handy for this step. Otherwise remove by hand, or if filter is equipped with a drain plug, remove plug and washout media through the drain.

Step 5. After removing , rinse and clean filter tank. Inspect laterals and piping for defects, repair if needed. Inspect multi-port valve for proper operation. Replace drain plugs and fill bottom 1/3 of filter tank with water.

Step 6. Fill filter tank with the required amount of Zeobrite Xtreme Filter Media. (Note: Zeobrite Xtreme weighs 50% less than sand per cubic foot; therefore, it requires 50% less weight of Zeobrite Xtreme versus sand. See the Media Requirement Chart below on page 2.) Finish filling the filter tank with additional water to cover the Zeobrite Xtreme with a minimum of 1" of water. **Important: Allow Zeobrite Xtreme to soak a minimum of 30 minutes to one hour in order to activate the material's surface charge before going to Step 8.**

Step 7. Return the interior standpipe to its proper position, check the distributor and any other parts previously disturbed. Replace the filter cover. Check exterior piping and plumbing to insure that the filter is in proper working condition.

Step 8. Turn multi-port valve to the backwash position. Start filter pump and backwash the media until the water in the site glass is clear (usually 2 – 3 minutes). Turn-off filter pump and allow the media bed to settle for 1 minute. Repeat this backwash step two more times, always allowing the media bed to settle between backwashes. Proceed to Step 9.

Step 9. After the media has been thoroughly backwashed to remove the residual fines, turn the filter pump off and move the multi-port valve to the rinse position. Run a rinse cycle until water clears in the site glass. Turn-off the filter pump, move the multi-port valve to the filter cycle and start the filter pump. Note the starting pressure on the filter gauge. The starting pressure is typically around 8 – 10 psi. Allow the system to run on the filter cycle until the pressure rises an additional 5 to 7 psi before backwashing the filter media. Secondary backwashes can be performed by backwashing once and then running the rinse cycle.



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IMPORTANT: Follow the soaking recommendation in Step 6 to insure that the media is activated. Follow the backwashing instructions in Steps 8 and 9 to insure a trouble-free start-up.

MEDIA REQUIREMENT CHART

CONVERSION FROM SAND TO ZEOBRITE® XTREME

SAMPLE MEDIA REQUIREMENT CHART						
<u>Tank Diameter</u>	<u>Filter Area Approx. Sq. Ft.</u>	<u>All Sand Lbs</u>	<u>All Zeobrite Xtreme Lbs</u>	<u>Dual Filter Media (Lbs)</u>		
				<u>Pea Gravel</u>	<u>Sand</u>	<u>Zeobrite Xtreme</u>
19"	1.92	150	75	50	100	50
21"	2.46	200	100	50	150	75
24"	3.14	300	150	100	250	125
30"	4.91	600	300	150	450	225
36"	7.06	900	450	250	650	325

Note: Pea gravel can be used in all size filters. We recommend using pea gravel in all filters that are 30" and above in diameter. Use pea gravel that is specifically made for swimming pool filters. Follow the chart above for Dual Filter Media for the conversion rate of Zeobrite® Xtreme.