If the filter cannot be installed in the existing tank, it can be installed using a Zeus Basin System. In this case, the New System Installation instructions will be used. A riser to grade over the outlet access opening is recommended and may be required in certain states. Minimum of 3” drop required in tank for proper SmartFilter operation.

If you have purchased a Zabel SmartFilter, additional installation instructions can be found in the Smartfilter Alarm System box.

The A1801 and A1801-HIP cartridges may be inserted into SDR 35 or Schedule 40 outlet tee baffles. If 4” PVC pipe does not extend into the tank, a plumbing flange may be used.

The interval for servicing septic tanks is set by state and local code. Throughout the United States there is a wide difference of opinion on what this interval should be, but most regulatory agencies suggest two to five years. The Zabel® filter, which does not increase the frequency of servicing for the tank, should be cleaned when the septic tank is normally inspected and pumped. However, our filter is virtually self-cleaning. The continued action of the anaerobic organisms on the Zabel filter causes lodged particles to disintegrate and fall to the bottom of the tank. If your filter contains a SmartFilter™ alarm, you will be notified by an alarm when the filter needs servicing.

Notes:

- Performance: Maximum daily flow = 800 GPD
- Filter material: white or natural = PVC, gray = ABS
- Average reduction in TSS within 6 months of installation - 40% in typical residential wastewater.
- **If you have a Filtered Versa-Tee® Model Filter, be sure and spray clean the outlet opening before replacing the Filter.**
- *Note: A tee handle may have to be used if the filter is too far below ground level to reach. Contact Zabel for info on tee handles.*

The product(s) shown are covered by the following patents:

To service the filter:

1. Locate the outlet of the septic tank.
2. Firmly pull the filter handle and slide the cartridge out of the case.
3. While holding the cartridge over the access opening rinse off the cartridge with fresh water, being careful to rinse all septage material back into the tank.
4. Re-insert A1801 cartridge into 4” tee battle taking care that the security tab is facing the outlet opening in order to properly secure filter in place.
5. Re-install the Zabel filter following its installation instructions. Note: Prime all fittings before solvent welding (gluing).

Notes:

- If you have a Filtered Versa-Tee® Model Filter, be sure and spray clean the outlet opening before replacing the Filter.

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