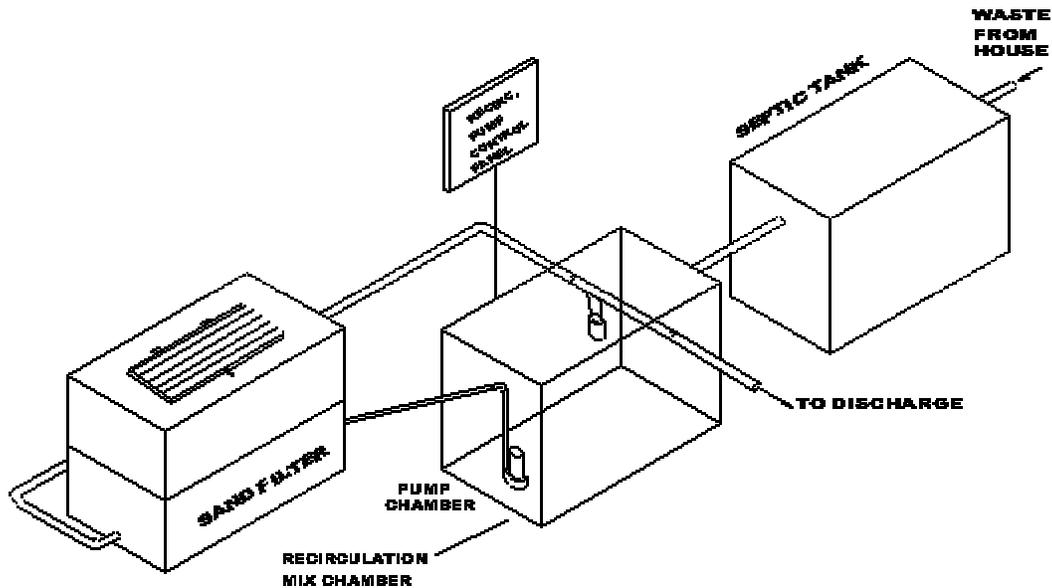


AMERICAN SAND FILTERS

RECIRCULATING SAND FILTER SYSTEMS

RECIRCULATION VALVE



RECIRCULATING SAND FILTER RECIRC-VALVE CONTINUOUS OPERATION GRAVITY DISCHARGE

SANDFILTER EFFLUENT QUALITY WITH 40% NITROGEN REMOVAL

The American Manufacturing Company, Inc. Recirculating Sand Filter Treatment package with Recirc-Valve is based on the EPA design Standard. The system will provide enhanced effluent quality with simple maintenance and very low operational costs. The Recirc-Valve requires the final discharge to be determined by the elevation of the pump station. The filter is dosed periodically by a timer. The periodic dose is continuous so filter resting is less, and maintenance events may increase but the quality potential is enhanced due to the filter being continuously active.

TANKS ARE AVAILABLE WHEREVER SEPTIC SYSTEMS ARE SOLD. Most septic tank manufacturers should already have the necessary forms that can easily be adapted to configure this system. Recirculating filters differ from single pass filters in that a Recirculating filter is much smaller and a device is required to return filtrate to the dosing tank. Coarser media can also be used because of the recirculation to provide trouble-free operation.

CONTROL PANEL WITH FOUR FLOATS

The control has a Nema 1 or Nema 4X rated enclosure with removable aluminum back plate for component mounting, IEC rated pump contactor, adjustable pump run timer, high level peak enable circuit, Hand-Off-Auto toggle switches for all operations, pump run light, indicator lights, separate control and pump breakers, control fuse, and finger-safe terminal blocks with a neatly bundled wiring harness. The Control unit is U.L. APPROVED AND LABELED. The time dosed system will be either with twenty-four hour selection or a repeat cycle timer, both may have manual override capability to completely operate the system while bypassing the timers.



