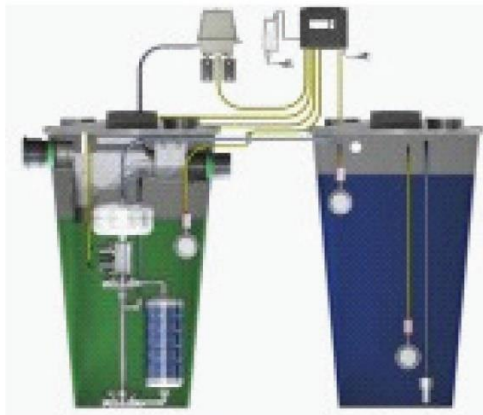


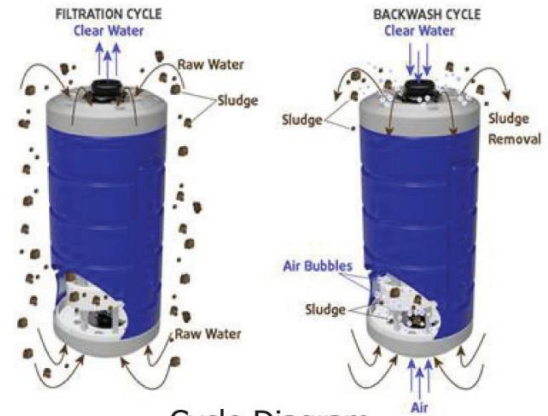
Images & Specs.



Side Profile Diagram



Certified to
NSF/ANSI 350



Cycle Diagram

Description

The Aqualoop residential system is designed to treat household greywater (showers, laundry, and bathroom sinks) for use in toilet flushing, outdoor watering, and other non-potable uses. Using biological treatment with the aeration of a moving bed reactor coupled with ultrafiltration (UF) to 0.2 microns, a 6 log (99.9999%) bacteria reduction is achieved. This renders water so clean it can safely be stored and used for spray irrigation.

General Specs.

Specifications	1 Membrane	2 Membranes	3 Membranes	4 Membranes	5 Membranes	6 Membranes
Recommended average throughput per day*	80 GPD	160 GPD	240 GPD	320 GPD	400 GPD	480 GPD
Expected Membrane Life	>10 Years					
Typical Average Household Inhabitants	2	4	6	8	10	12
Expected Membrane Maintenance Frequency (Months)	18-24 Months					
Minimum Effective Tank Capacity (Between Membrane and Filter Overflow)	40 Gal	80 Gal	120 Gal	160 Gal	200 Gal	240 Gal
Water level minimum (above membranes)	24"					
Recommended Tank Above Ground**	AL-T350L	Rotoplas WST400		Rotoplas WST500		
Recommended Tank Below Ground**	Infiltrator IM-540		Infiltrator IM-1030			
Prefilter	PURAIN DN100(4") Model Number 210136					
Growth Media Surface Area M2/M3	320 sq. meters/cubic meter					
Growth Media Quantity (Liters)	30 liters	60 liters	90 liters	120 liters	180 liters	210 liters
Medo Blower Model	AL-BL 30	AL-BL 60	AL-BL 100	AL-BL 120	AL-BL 200	AL-BL 200
Standard Delivery Pump	Grundfos MQ-3-45 or SBA -3-45					

*Throughput can be increased up to 300% above the recommended amount with increased membrane maintenance frequency
 **Tanks recommended are suggestion, AQUALOOP technology can fit in many tanks and installers are free to use local supply

Key Components



Pre-Filter



Station and
Controller



Blower



Growth Media



Membrane



Pump

Note: Each component listed above contains its own specification sheet.

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