



ADVANCING WATER RESILIENCY



AQUALOOP Packaged Greywater Systems

Commercial Scale from 160 to 13,000 Gallons Per Day

AQUALOOP Greywater Recycling System

AQUALOOP pre-assembled, packaged systems minimize engineering, installation, commissioning, and start-up time for overall reduced installed cost. Each pre-assembled system is shipped shop-tested and ready for electrical and plumbing hook-up; with a complete drawing set, submittal package, and O&M manual.



AQUALOOP Membrane Station

- NSF 350 Certified for Commercial Applications
- NSF 350(C) Assures Low Maintenance and High Water Quality
- Greywater from Showers, Laundry, and Bathroom Sinks
- Commercial Scale Models from 160 to >12,000 GPD
- Patented Membrane Bioreactor Technology

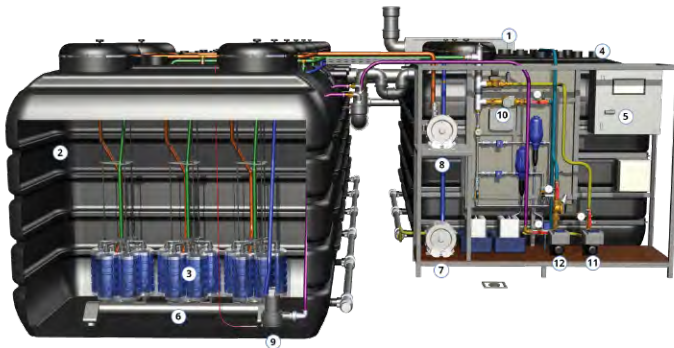


CERTIFIED TO NSF/ANSI
STANDARD 350

Scan code to see
NSF listing certificate



Pre-Assembled Packaged System



- | | | |
|----------------------|--------------------------|----------------------------|
| 1. PURAIN Filter | 5. I-Connect HMI Control | 9. Sludge Pump |
| 2. Bioreactor Tank | 6. Pipe Diffuser | 10. Auto Membrane Cleaning |
| 3. Membrane Stations | 7. Diffuser Blower | 11. Filtration Pump |
| 4. Holding Tank | 8. Air Scour Blower | 12. Backwash Pump |

Product Details

Packaged Systems



The AQUALOOP packaged models use NSF 350(C) listed products for commercial scale use.

Each packaged system has an engineering report showing compliance with NSF 350 certification for greywater recycling using bath+laundry source water.

NSF 350 WATER QUALITY

Water Quality Parameter	Raw Greywater Quality (influent)	AQUALOOP NSF 350 Test Results (Effluent)
CBOD ₅	130-180 PPM	5PPM
TSS	80-100 PPM	2PPM
Turbidity	50-100 NTU	0.57 NTU
E. Coli	100-10000 CFU/100ML	2 MPN/100 ML

SPECIFICATIONS

Model	GW5400L	GW5400L	GW5400L	GW5400L	GW5400L	GW5400L
Rated Daily Average Capacity	1428	2856	4284	5712	8568	12852
Approved Source Water	NSF 350 Bath-Laundry Challenge Water Quality - Max. 180 PPM BOD, 100 PPM TSS					
System Control	INTEWA Connect - UL Listed, Touch Screen, Remote Monitoring					
BMS Connectivity	BACnet					
Remote Monitoring	Encrypted Internet					
Clean-In-Place	Fully-AUTO					
Pre-Filtration (PURAIN Model)	DN150 (6")		DN200 (8")			
Treatment Tank Capacity (Gallons)	1323	2646	3969	5292	7938	11907
Holding Tank Capacity	794	1323	2646	3969	5292	7938
Tank Type	Above Grade HDPE					
Growth Media (Liters)	540	1080	1620	2160	3240	4860
Diffuser Aeration Capacity (LPM)	100	200	300	400	600	900
Membrane Air Scour Aeration (LPM)	540	1080	1620	2160	3240	4860

Pre-Assembled Packaged System

SPECIFICATIONS (cont'd)

Model	GW600L	GW900L	GW1800L	GW3600L
Rated Daily Average Capacity	158	238	476	952
Approved Source Water	NSF 350 Bath-Laundry Challenge Water Quality - Max. 180 PPM BOD, 100 PPM TSS			
System Control	Standard AQUALOOP			
BMS Connectivity	4-20 MA Connection - Alarms			
Remote Monitoring	None			
Clean-In-Place	Semi-AUTO			
Pre-Filtration (PURAIN Model)	DN150 (6")			
Treatment Tank Capacity (Gallons)	291	291	794	1323
Holding Tank Capacity	92	291	291	794
Tank Type	Above Grade HDPE			
Growth Media (Liters)	60	90	180	360
Diffuser Aeration Capacity (LPM)	40			
Membrane Air Scour Aeration (LPM)	200	200	400	1080

Key Projects



Gilead, CA



Uber, CA



Revel Clearwater, FL



Michelle & Barack Obama Sports Complex, CA



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ECOVIE is the US distributor for INTEWA GmbH, Aachen, Germany.
Manufacturer of AQUALOOP, PURAIN, RAINMASTER, NUVOS, and PLURAFIT.