



Advanced on-site water management

AQUALOOP

Greywater Recycling System

*The only greywater system with NSF 350C certification
for commercial applications.*

GW Series for Commercial Scale



Certified to
NSF/ANSI 350



Aqualoop

Greywater Recycling System



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GW5400L and GW1800L for Commercial Scale

AQUALOOP processes water from virtually any source, but it shines in its application with greywater recycling for non potable uses.

It's patented membrane treatment removes 99.9999% bacteria (6 Log) and 99.77% viruses (3 Log), providing excellent water quality.

- ✓ The only greywater system NSF 350 certified for commercial applications
- ✓ NSF 350(C) assures low maintenance and high water quality
- ✓ Greywater from showers, laundry, and bathroom sinks
- ✓ Scales to any commercial size
- ✓ Flexible to any tank configuration or standard pre-assembled packages

Product Details

GW5400L and GW1800L



Certified to NSF/ANSI 350

The **AQUALOOP** line has two NSF 350(C) listed products for commercial scale use. The GW5400L processes 1,427 gallons per day (GPD) of raw greywater and the GW1800L processes 476 GPD. Multiple listed units can be used to scale to any commercial capacity required with NSF 350 water quality and low maintenance assured.



NSF 350 WATER QUALITY

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

Each **AQUALOOP** unit includes the membrane station, pre-filtration, aeration, growth media, and controls. Scaling to larger sizes requires engineering approval by NSF 350(C) listing holder, Intewa.

See listing at

<http://info.nsf.org/Certified/Wastewater/Listings.asp?TradeName=aqu&Standard=350>

SPECIFICATIONS

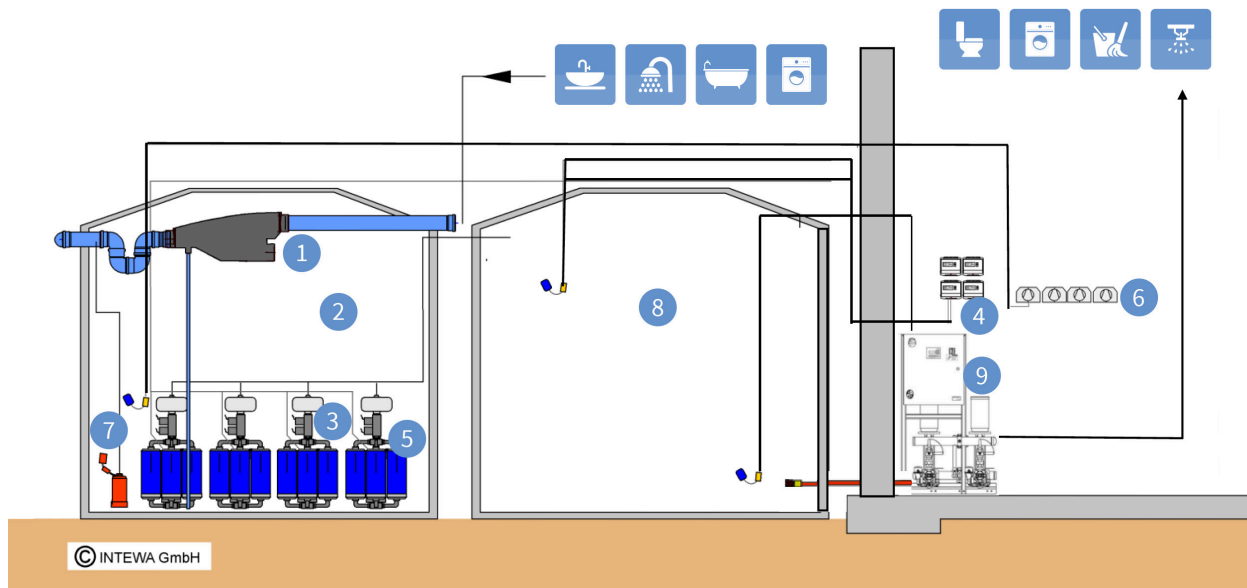
Model Number	GW1800L	GW5400L
Rated Daily Average Capacity	476 GPD	1427 GPD
Clean-In-Place	Semi-Automatic	Automatic
Tank Size	8-48 hours residence time in one or more bioreactor tanks	
Tank Sizing	240-960 Gallons Working Capacity/Unit	480-2850 Gallons Working Capacity/Unit
Pre-Filtration	Intewa PURAIN DN150 with Automatic Cleaning Shower	
Growth Media	Intewa AL-FK30, 6 Packages, 180 litres	Intewa AL-FK30, 18 Packages, 540 litres
Blower Sizing	>200 LPM Per 476 GPD	
Tank Type	Above or Below Ground, Packaged Systems Available	
Tank Material	Fiberglass, HDPE, Stainless Steel, or Concrete	
Approved Source Water	NSF 350 Bath-Laundry Challenge Greywater Quality, Max. 180 PPM BOD, 100 PPM TSS	
Booster Pump	Supplied Separately by Ecoviv Sales Rep	

Commercial Scale Greywater System

- 1. Pre-Filter
- 2. Bioreactor Tank
- 3. Aqualoop Membrane Stations

- 4. Aqualoop Controllers
- 5. Aqualoop Membrane Cartridges
- 6. Blowers

- 7. Sludge Pump
- 8. NSF 350 Water Tank
- 9. Booster Pump System



Key Projects

