

### Wastewater Electrochemical Treatment Technology

**WETT-G** removes a variety of pollutants from greywater for safe discharge or reuse

Detergents and Soaps • Organics • Suspended Solids • Free and Emulsified Oils  
Bacteria • Heavy Metals • Phosphorus



*Chemical-free*

*No membranes or filters*

*Fully automated and self-cleaning*

*Not affected by cleaning or personal care products*

*Treated effluent in less than 1 hour*

*Effluent can be used for toilet flushing, laundry, cleaning, irrigation*

*Simple to maintain and operate*

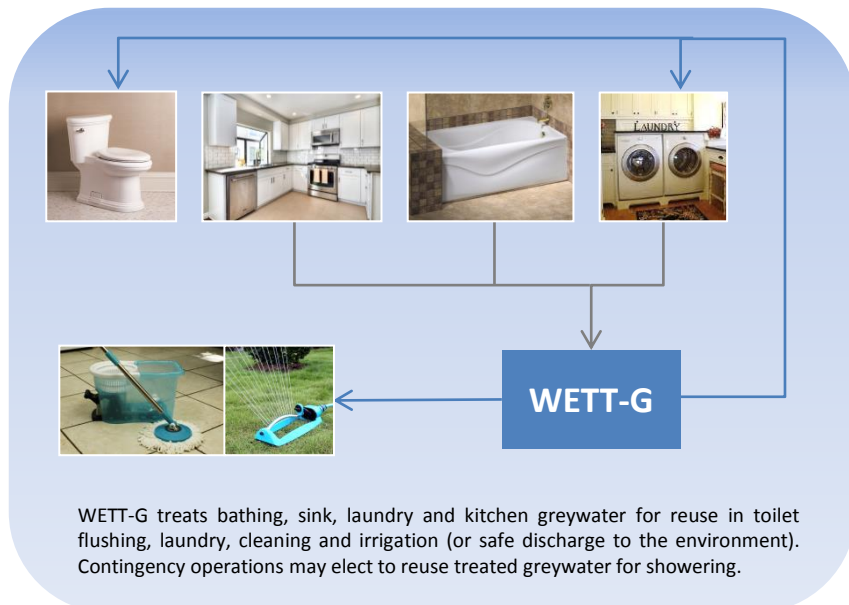
*Designed and tested to meet NSF/ANSI Standard 350*

**WETT-G** purifies greywater using a novel, patent-pending electrochemical reactor to provide clean disinfected water for safe reuse.

#### Features

- WETT-G consists of a proprietary electrochemical water treatment technology
- Polishing and disinfection units are integrated into the process
- Push button start-up, automated operation with remote monitoring
- Continuous treatment 24/7
- Generates half the sludge of treatment using chemical coagulants

#### WETT-G allows reuse of up to 75% of greywater



WETT-G treats bathing, sink, laundry and kitchen greywater for reuse in toilet flushing, laundry, cleaning and irrigation (or safe discharge to the environment). Contingency operations may elect to reuse treated greywater for showering.

### TECHNICAL SPECIFICATIONS - WETT-G

Total Weight	Approximately <b>260 kg</b> (573 lbs)
Overall Dimensions	Approximately <b>0.84 m (L) x 0.93 m (W) x 1.90 m (H)</b> 2.77 ft (L) x 3.04 ft (W) x 6.27 ft (H)
<b>OPERATING CONDITIONS</b>	
Nominal Waste Water Throughput	<b>1.44 m<sup>3</sup>/d</b> (380 gal/d)
Liquid Temperature	<b>4-55 °C</b> (39-131 °F)
Ambient Temperature	<b>&lt; 40 °C</b> (104 °F), control cabinet must be air cooled if T > 40 °C (104 °F)
Types of Waste Water	Greywater
<b>UTILITIES / CONSUMABLES</b>	
Electrical Consumption	<1 kW (230 or 440VAC/60Hz)
Aluminum Electrodes	Varies depending on greywater generation rate and contamination levels
Dilution Air	<b>40 L/min</b> (85 CFH) for dilution of gaseous emission
<b>EMISSIONS</b>	
Gaseous	Total flow approximately <b>0.16 L/min</b> (0.34 CFH) H <sub>2</sub> at 30 °C (86 °F)
Treated Effluent	Typically <b>1.35 m<sup>3</sup>/d</b> (361 gal/d)
Sludge	Typically <b>&lt; 5%</b> of the nominal greywater throughput
Audible	Negligible
Surface Temperatures	Room temperature

### LARGER SYSTEMS

WETT-G comes in two basic models: 1.4 m<sup>3</sup>/d or 7.2 m<sup>3</sup>/d.

Greater treatment capacity can be obtained using multiple units in parallel.

Please contact us for more information about WETT-G technology and greywater reuse for your application.

### TYPICAL TREATMENT

Treated Effluent	
BOD <sub>5</sub> (mg/L)	<5
TSS (mg/L)	<2
Turbidity (NTU)	<2
E. coli (CFU/100mL)	<10
pH	6-9
Residual oxidant (mg/L)	1

### BEFORE and AFTER

