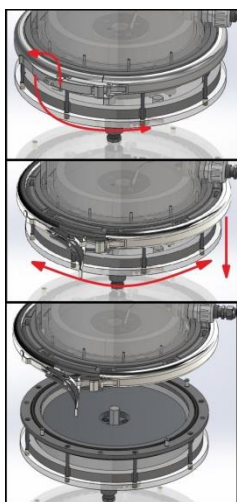


### Wastewater Electrochemical Treatment Technology

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

- Detergents • Dissolved Organics • Suspended Solids • Free and Emulsified Oils
- Bacteria • Grease • Heavy Metals • Phosphorus

*Simple electrode change-out  
In less than 15 minutes*



*Chemical-Free and Membrane-Free Process*

*Fully Automated and Self-Cleaning*

*Not affected by Oils, Grease or Surfactants*

*Removes Heavy Metals and Phosphorus*

*Able to treat Kitchen Greywater*

*Treated Effluent in less than 1 hour*

*Effluent can be used for Toilet Flushing,  
Laundry, Cleaning, Irrigation  
and in some cases Showering*

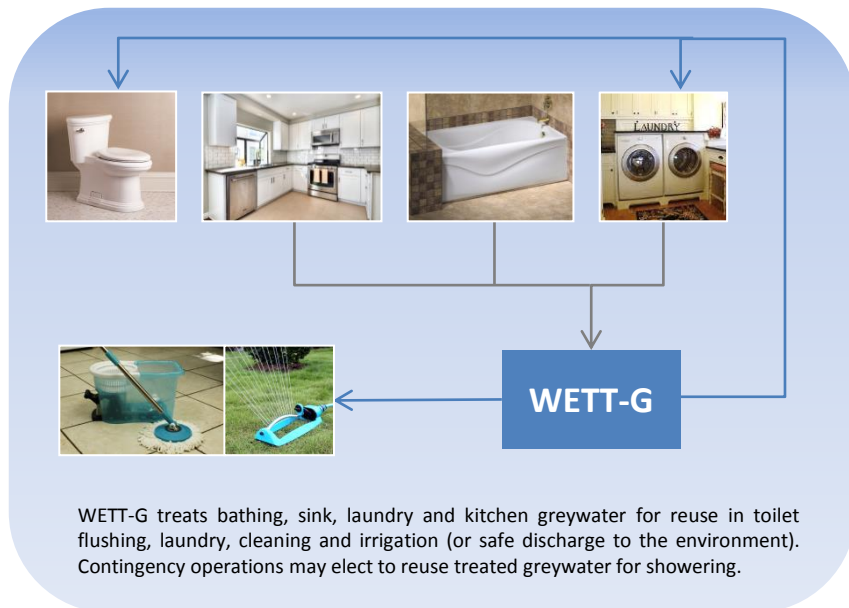
*Not affected by Marine Platform Motions*

WETT is Terragon's patented technology. **WETT-G** purifies greywater using a novel, compact and efficient electrochemical purification reactor to provide ultra clean water for safe reuse.

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

#### Features

- WETT-G consists of a proprietary electrochemical purification technology
- Polishing and disinfection units available as required for reuse applications
- Push button start-up, automated operation with remote monitoring
- Continuous treatment 24/7
- Generates half the sludge of treatment using chemical coagulants



### TECHNICAL SPECIFICATIONS - WETT-G PRE-COMMERCIAL PROTOTYPE

Total Weight	Approximately <b>600 kg</b> (1,320 lbs)
Overall Dimensions	Approximately <b>1.9 m (L) x 1.2 m (W) x 1.8 m (H)</b> 6.1 ft (L) x 3.8 ft (W) x 5.8 ft (H)

#### OPERATING CONDITIONS

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

#### UTILITIES / CONSUMABLES

Electrical Consumption	<1 kW (230 or 440VAC/60Hz)
Aluminum Electrodes	Average of 4kg/month for nominal waste water throughput (3 month replacement) Will vary depending on wastewater generation rate and contamination levels
Fresh Water	<b>4 L/min at 16 psi</b> (1 gal/min) for automatic 30 min daily cleaning procedure
Dilution Air	<b>40 L/min</b> (85 CFH) for dilution of gaseous emission

#### EMISSIONS

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)
Wastewater Sludge	Typically <b>&lt; 5%</b> of the nominal waste water throughput
Audible	Negligible
Surface Temperatures	Less than <b>35 °C</b> (95 °F)

### LARGER SYSTEMS AVAILABLE

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

Therefore, any treatment capacity can be satisfied using one or several of these modules in parallel.

For more information about a potential WETT-G trial or about larger systems, please contact us.

### TYPICAL TREATMENT

Parameters in Treated Effluent	
BOD <sub>5</sub> (mg/L)	<10
TSS (mg/L)	<10
TN (mg/L)	1.5
TP (mg/L)	<0.02
F.C. (UFC/100mL)	<10
TOG (ppm)	<5
Color removal	>95%

### CLEAR RESULTS

