

# WETT-G

WASTEWATER ELECTROCHEMICAL  
TREATMENT TECHNOLOGY

## THE MOST ADVANCED GREYWATER TREATMENT SYSTEM

### ABOUT THE TECHNOLOGY

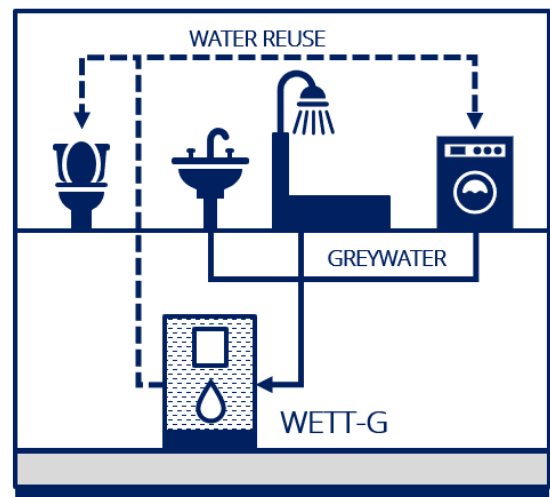
- WETT-G purifies greywater using a novel, patented electrochemical reactor to provide clean disinfected water for safe reuse
- Allows reuse of up to 75% of greywater
- Effluent can be used for toilet flushing, laundry, cleaning, irrigation
- No minimum treatment volumes or frequency, with ON/OFF push button functionality
- **Suspended Solids • Organics**
- **Bacteria/Virus • Detergents • Phosphorus**
- **Free and Emulsified Oils • Grease • Heavy Metals**

### BENEFITS OF WETT-G™

- WETT-G consists of a proprietary electrochemical water treatment technology
- Purifying and disinfecting greywater on-site
- 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
- Leading the industry with cutting-edge technologies and clean operations for sustainability

### KEY FEATURES

- Chemical-free and membrane-free
- Fully automated and self-cleaning
- Can be containerized for rapid deployment
- Designed for operation in remote areas
- Not affected by cleaning or personal care products
- Clean effluent in minutes
- Simple to maintain and operate
- Minimal maintenance requirements
- Designed and tested to meet NSF/ANSI Standard 350



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# WETT-G 7.5

## ROBUST AND RELIABLE GREYWATER TREATMENT FOR REUSE

### TECHNICAL SPECIFICATIONS

#### DIMENSIONS

Total Weight	Dry: 1000 Kg Wet: 1300 Kg
Overall Dimensions	2.5 m (L) x 2.3 m (H) x 1.6 m (W) 8.2 ft (L) x 7.5 ft (H) x 5.2 ft (W)

#### OPERATING CONDITIONS

Nominal Wastewater Throughput	7.2 m <sup>3</sup> /d (1900 gal/d)
Liquid Temperature	4-55 °C (39-131 °F)
Ambient Temperature	< 40 °C (104 °F), control cabinet must be air cooled if T > 40 °C (104 °F)
Types of Wastewater	Greywater

#### UTILITIES / CONSUMABLES

Electrical Consumption	6 kW (240 VAC, 3ph, 60 Hz)
Aluminum Electrodes	Varies depending on greywater generation rate and contamination levels
Dilution Air	40 L/min (85 CFH) for dilution of gaseous emission

#### EMISSIONS

Gaseous	Total flow approximately 0.16 L/min (0.34 CFH) H <sub>2</sub> at 30 °C (86 °F)
Treated Effluent	Typically 1.35 m <sup>3</sup> /d (361 gal/d)
Sludge	Approximately < 5% of the Nominal Wastewater Throughput
Audible	Negligible
Surface Temperatures	Room temperature

Available in smaller capacity: **WETT-G 7.1 (1.4 m<sup>3</sup>/d)**

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

