



- 30 liters / cycle
- 30 liter holding tank
- Chemical or Thermal Treatment
- Automatic chemical feed system
- Siemens or AB PLC control system
- 316 SS and polypropylene
- 100% non-proprietary components
- UL and CSA listed components
- UL listed control system

Effluent Decontamination Systems are BioSAFE Engineering's state of the art, environmentally friendly, technology for the Decontamination and disposal of bio-hazardous liquid waste. Our time tested and validated process ensures the highest Sterility Assurance Level of any bio-waste system.

This technology is supported by US and international patents with applications in life sciences, healthcare, and bio-defense fields. Our Lab Sink EDS, utilizes either chemical or heat to decontaminate waste generated within the laboratory. The self-contained unit features an integrated sink and faucet combination that are tied directly into an integrated holding tank to buffer flow while the processing tank is performing a decontamination cycle. The standard system is equipped with a 30-liter holding tank and a 30-liter processing tank. Optional 60-liter tanks are also available.

### **BioSAFE provides project support:**

- From conception to decommissioning
- Design
- Installation
- Validation
- Training
- Preventative Maintenance

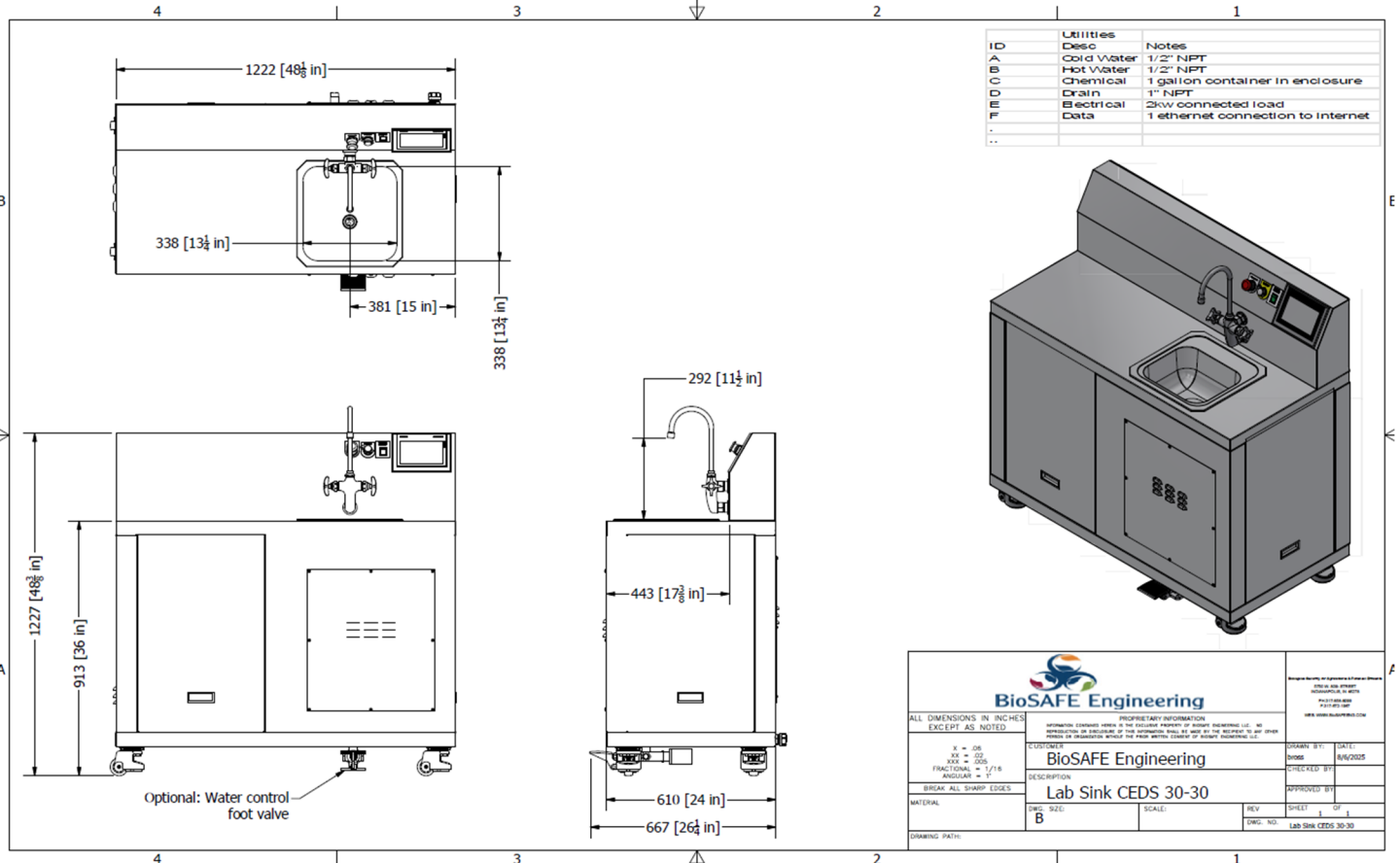
### **Optional Upgrades:**

- Water control foot valve
- Data acquisition system
- Remote monitoring
- Instant hot water heater
- Touchscreen interface module



## MODEL BE-Lab-Sink Effluent Decontamination System – 30 liter

Operating Temp	Chemical injection or thermal 205F (95 °C)
Vessel Size	30-liter or 60-liter option for both holding tank and processing tank
Control Cabinet	Siemens or AB UL / CUL/ CE
Heating Method	Electric heating
Safety Features	Safety PLC, and ergonomic design for maintenance and loading
Cycle Time	1 hour cycle time
Chemical Type	Bleach



CONNECTION	SIZE	REQUIREMENT
Water	1/2" NPT	30-40 PSI 5 GPM Min
Drain	1" NPT	
Electrical - Chem	2 kW	Dedicated outlet
Chemical	Bleach	Automatic via internal pump
Data	Open Internet connection	CAT 5E Minimum
Electrical - Thermal	5 kW	Dedicated outlet

**A Clean Technology Company**

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