

Wastewater EVAPORATORS

E4D Electric Evaporators

The **E4D electric powered evaporator** is the smallest unit of its kind available today. Highly efficient, it is designed for maximum water evaporation rates and outstanding product life. Its Incoloy® heaters are totally immersed in the wastewater to deliver 100% of their heat energy for evaporation. And safety is always a top consideration with numerous safety controls provided.

The problem with other designs – Bottom heat evaporators use strip heaters fastened to the underside of the tank where more than half of the heat energy is radiated away from the wastewater. Solid contamination falling on the bottom reduces heat transfer and over time shortens strip heater life. Often this condition causes warpage of the tank bottom.

Applications – The **E4D** is ideal for processing: • aqueous parts washing water • machine shop coolant • air compressor blowdown • tumbling wash water • dye penetrants • cleaning solutions • dye casting solutions • Metal finishing • Printing • Floor scrubbers • Metal working contaminated wastewater.



SPECIFICATIONS	Model E4D 230 Model E4D 480
Evaporation Rate	4 Gallons per hour
Autofill control	Standard all units
Electrical Specifications	208 – 240 Volt or 440 – 480 Volt
Tank Capacity	85 Gallons
Dimensions	29" W x 30" L x 42" H
Weight	300 pounds
Liquid Level Cntrl	Conductivity probe
Low Level Liquid	Automatic shut-off
High Temperature	Automatic shut-off
Temperature Control	Thermocouple Type T temperature controller
Tank material	316 Stainless steel
Optional material	RA2205
Warranty	2 years



CHECKLIST OF BENEFITS

- 90% reduction of waste disposal costs
- Eliminate waste storage areas
- Reduce liabilities of your waste while it is in control of waste haulers
- 90 - 97% reduction of waste volume
- Reduce labor and waste handling
- Simple installation
- Easy to operate
- Minimal maintenance
- Addresses issues of complying with storm water runoff regulations
- Easy to operate compared to chemical treatment and membrane filtering



Other Product Offerings

- Natural or propane gas powered units
- Steam powered units
- Larger sizes with evaporation rates of 10, 18, 30, 60 and 90 gallons per hour

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■ Tel 978.256.3259 ■ Sales@wastewaterevaporators.com ■ www.wastewaterevaporators.com