

Wastewater EVAPORATORS,LLC

Why pay to haul water away? Evaporate it for huge savings!

WHAT WE DO

Wastewater Evaporators use electric or gas heat to evaporate the water content of most nonvolatile liquids, leaving only a small amount of residue for disposal. A rugged exhaust system drives the moisture safely off into the atmosphere.

Your benefits accrue quickly with payback most often accomplished in less than a year!

WHAT YOU GAIN

- ✓ 90 - 95% reduction of wastewater volume.
- ✓ 90% reduction of waste disposal costs
- ✓ Eliminate or reduce your waste storage areas.
- ✓ Reduce liabilities of your waste while it is in control of waste haulers.
- ✓ Reduce or eliminate sewer permits
- ✓ Reduce labor and waste handling

YOUR CHOICES

Wastewater Evaporator product offerings include:

- ✓ Electric models
- ✓ Natural Gas or Propane models
- ✓ Steam powered models
- ✓ Manufactured with evaporation rates to meet your exact needs: 4, 10, 18, 30, 55, 70 and 90 gallons per hour.

Specifications subject to change without notice

Electric Powered Units

Why you'll like our designs –

The E4C electric powered evaporator is the smallest unit of its kind. 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.



- Tank construction:
- Liner- 316L stainless steel
 - High performance insulation
 - Outer skin - 304 stainless
 - Optional materials: AL-6XN or C-276

What is troubling about 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.

Gas Powered Units

The heart of our gas powered evaporators is an innovative vertical water tube heat exchanger with internal flue gas passages engineered for high performance and efficient operation.

It has an exceptionally large surface area designed for maximum heat transfer and outstanding product life. The water tubes are accessible from the top for easy inspection and cleaning.



Wastewater Evaporators
Cut Disposal Costs from:

- ✓ **Parts Washer Fluids**
- ✓ **Machine Coolants**
- ✓ **Mop Waters**
- ✓ **Rinse Waters**
- ✓ **Compressor Water**
- ✓ **Ink Wash up**
- ✓ **Floor Scrubber Water**
- ✓ **Tumbling Solutions**
- ✓ **Vibratory Solutions**
- ✓ **Photographic Solutions**
- ✓ **Steam Cleaner Water**
- ✓ **Stencil Cleaners**
- ✓ **Die Cast Solutions**
- ✓ **Paint Wash up**
- ✓ **RO/UF Concentrates**
- ✓ **Phosphatizing Compounds**
- ✓ **Plating Solutions**
- ✓ **Hot Tank Solutions**
- ✓ **Circuit Board Cleaning**
- ✓ **Dye Penetrants**

Lowering the
Costs of Liquid
Waste Disposal



Wastewater Evaporators reduce liquid waste disposal costs by significantly reducing the volume of waste. Expect a 90 to 95% reduction of waste stream while being in compliance with state and federal mandates. Savings are huge with payback most often accomplished in twelve to eighteen months or less!

Wastewater Evaporators, LLC

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