

- Patented “Run Dry” technology allows the unit to run dry without damage
- Customized to fit your application
- Separates waste from water minimizing wastewater cost

Changing the way Wastewater effects the environment one gallon at a time



Since 1992 Draygon has been leading the way through innovation of wastewater technology. We have developed affordable, efficient and effective solutions for reducing and disposing of aqueous wastewater streams. Our time proven process helps protect the environment and provides facility managers the peace of mind that comes with worry-free operation and regulatory compliance.



Durable

All DRG wastewater evaporators are standard equipped with 316L stainless steel evaporation chambers with various other material options available for higher corrosion resistance depending on the nature of the waste stream.



DRG 2

“...A total of four leachate samples, each located from designated Non Hazardous Landfill Sites, were successfully evaporated to a residual solid; typically equating to a 99.6% volume reduction. This reduction in volume is by far superior to the output from vacuum-based evaporation technologies as present-day operating across mainland Europe and which produce high volumes of concentrated slurries at less than 10% solid content...”

-Independent report on the Trial Use of Evaporation Technology to Evaporate Landfill Leachate in the UK- September 2013

While Draygon wastewater evaporators employ the simple basic physical process of heating liquids to temperatures at which the water content is vaporized, our evaporators do much more than that. Our evaporators are designed to closely match the energy usage with the amount of liquid to be processed with controls to maintain “flat” vaporization surfaces. Along with coupled draft inducers and effective venting, these features result in the highest efficiency process and negligible particle emissions. Our Run Dry evaporators are equipped with separate evaporation chambers that are heated through an insulated oil chamber rather than directly by electric heating elements or burners.



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DRG 2

Applications

The DRG 2 is perfect for waste streams from these applications and more:

- Parts Washing
- Printing Inks/Dyes
- Vehicle Washes
- Photo Processing
- Metal Fabrication
- Metal Finishing/Plating
- Floor Scrubbing Water
- Marina Bilge Water
- Air Condensation
- Ceramic Coating Wastes
- Compressor Condensate
- Degreasing Operations
- Screw Machine Shops
- Truck/ Car Washes
- Coolants
- Most Aqueous Waste Streams



Specifications

Operating Type
Manual Fill and Automatic Options

Evaporation Rate
up to 1.7 GPH

Evaporation rate based on water and air at 70 deg F/ 21 deg C for automatic operation, water at boiling point for one hour in batch operation. Solids or floating oil build-up in evaporation chamber will reduce rate.

Dimensions (L/W/H)
25"x25"x28"/64x64x71cm
(excluding stack)

Maximum Tank Capacity
16 Gallons/60 Liters

Heating Fluid
6 Gallons/23 Liters

Electrical Requirements
220 Volts, Single Phase, 5KW (208 volts can be used, but will provide 75% of above evaporation rate)

Weight-Including Heat Transfer Fluid
550 lbs/ 198kg

Advantages

- Fast Payback/ ROI
- Run Dry - Run Dry Without Damage
- Up To 99% Waste Stream Reduction
- Fast Installation
- Easy Operation and Cleaning
- Exhaust Draft Induction Fan
- Insulated Double Boiler Design with Heat Transfer Fluid for High Efficiency & Exceptional Thermal Transfer
- Multiple Safety Features
- 316L Stainless Steel Wettable Surfaces (other materials available)
- No Sewer Connection Required
- No NPDES Required
- 2 Year Limited Warranty