

- 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 18/38

"...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.



DRAYGON
Your Solution Is Our Specialty

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DRG18/38

Applications

The DRG 18/38 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 or Automatic Operation

Evaporation Rate

DRG18 12-17 Gallons/45-64 l/Hr

DRG38 28-38 Gallons/106-144 l/Hr Evaporation rate based on water and air at 70 deg F/ 21 deg C for automatic operation, water at boil-ing point for one hour in batch operation. Solids or floating oil build-up in evaporation chamber will reduce rate.

Dimensions (L/W/H)

100"x48"x52"/ 254x122x132 cm (excluding stack)

Maximum Tank Capacity

225 Gallons/ 850 Liters

Heating Fluid

155 Gallons/ 586 Liters

Burner Fuels

Natural Gas, LPG also available

Electrical Requirements (For Controls)

120V, 20 AMP, Single Phase

Fuel Consumption (Natural Gas)/Hour

DRG18 200,000 Btu/ 2 Therms/ 195 Cu. Ft./ 5.5 Cu. Meter

DRG38 475,000 Btu/ 4.75 Therms/ 460 Cu. Ft./ 13 Cu. Meter

Weight-Including Heat Transfer Fluid

DRG18- 1,800lbs./ 818kg

DRG38- 1,900lbs./ 864kg

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