

WATER EATER Model 240G

Wastewater Evaporator

PRODUCT SPECIFICATIONS

The Model 240G is a natural gas or propane heated wastewater evaporator designed for the small to mid size generator of wastewaters. Typical applications include minimizing waste fluids from machining and grinding operations, parts washer solutions, compressor condensate, mop waters, die cast solutions, scrubber waters, paint & ink washups, photographic solutions, and many other water-based waste streams. The unit comes in two models, the Model 240G Carbon Steel version, and the Model 240G-SS 316L Stainless Steel version. Installation is simple



consisting of a 110V electrical hookup, a 10" diameter vent stack, and a 3/4" gas line. The system can be filled in three different methods: (1) Plumb the feed source into the supplied 2" coupling; (2) Remove the lid and manually fill the unit; or (3) an optional self priming fill pump. An auto-fill option is also available for automatic filling from a holding tank or sump. The Auto-Fill and Fill Pump options include a unique diverter valve which allows the pump to be used to remove the concentrated liquid waste from the evaporator. After an initial heat up time of approximately one hour, the Model 240G will evaporate up to 18 to 26 gallons per hour of water. The system automatically shuts down when a low liquid level is reached. A high temperature thermostat provides a secondary redundant shutdown. When a cycle is completed the liquid waste material can either be drained via a 2" drain opening or pumped out. To facilitate solids removal, the tank cover is removable, the tank is a convenient 30" waist height, and the floor is funneled to one side. The perimeter mounted "U" shape burner tube provides 12" of cleanout access space between the tubes.

* Specifications subject to change without notice.

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PRODUCT SPECIFICATIONS

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| MAXIMUM EVAP. RATE | 26 Gallons/Hour Batch Fill 18 Gallons/Hour Auto Fill |
| TANK CAPACITY | 240 Gallons |
| TANK CONSTRUCTION | Carbon Steel - 12 Gauge or 316L Stainless Steel - 12 Gauge (Special Alloys Available) 1" Insulation w/16 Gauge Skin |
| HEAT EXCHANGER | 6.5" Schedule 10 (20.0 Square Foot Heating Surface) "U" Shape |
| TANK HEIGHT | 36" Top Frame |
| SLUDGE CAPACITY | 64 Gallons |
| TANK COVER | 3/8" Plate Top Support Frame; Removable Cover for Solids Cleanout (29" x 40" Access) |
| FLOOR & DRAIN | Sloped Floor w/2" Drain for Liquids |
| VENT STACK | 10" Diameter |
| BURNER | Power Burner - Electronic Ignition; 285,000 BTU |
| UTILITIES | 120 VAC/13A /60 HZ 3/4" Gas Line (7" to 14" W.C.) |
| DIMENSIONS | 35"W x 73"L x 54" H |
| SAFETY SYSTEMS | Low Liquid Level Shutdown Thermal Bridge™ High Temperature (Patented Heat Exchanger Surface Temperature Monitor) Positive Air Flow Proving Switch Flame Rectification Switch |
| OIL REMOVAL | 2" Variable Overflow Weir w/2" NPT Outlet (Patented) |
| WARRANTY | One Year Parts & Workmanship |

