

WATER EATER® Model 125E

Wastewater Evaporator - Electric

PRODUCT DESCRIPTION

The Model 125E is an electrically heated wastewater evaporator designed for the small to medium 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 wastestreams. The unit comes in two models, the Model 125E Carbon Steel version and the Model 125E-SS 316L Stainless Steel version. Installation is simple consisting of an electrical hookup (220V standard, 440V optional) and a 10" diameter vent stack. The

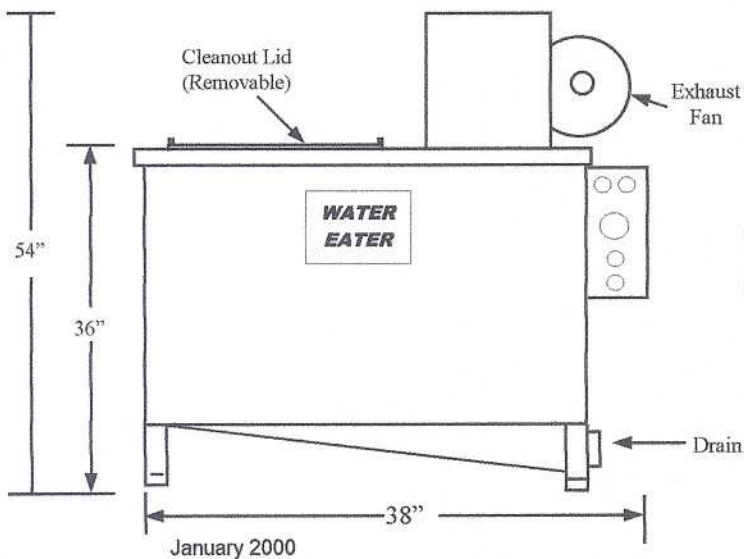


system can be filled in three different methods; (1) Plumb the feed source into the supplied 2" coupling; (2) Remove the lid and manually fill; or (3) an optional self priming fill pump. An auto-fill option is available for automatic filling from a holding tank or sump. The Auto-Fill and Fill Pump options include a unique diverter valve which allows the pump to be used to remove the concentrated waste from the evaporator. After an initial heat up time of approximately one hour, the Model 125E will evaporate up to 10 to 14 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 top is a convenient 36" waist height, and the floor is funneled to one side. The immersion heating elements are located to one side allowing easy access for cleanout.

PRODUCT SPECIFICATIONS

MAXIMUM EVAP. RATE	14 Gallons/Hour (53 l/h): Batch Fill 10 Gallons/Hour (37 l/h): Auto Fill
TANK CAPACITY	120 Gallons (473 Liters)
TANK CONSTRUCTION	Carbon Steel - 12 Gauge or 316L Stainless Steel - 12 Gauge (Special Alloys Available) 1" Insulation w/16 Gauge Skin
HEAT EXCHANGER	Immersion Heating System 27.0 Kilowatts/Hour
TANK HEIGHT	36" Top Frame
TANK COVER	3/8" Plate Support Frame; Removable Cover for Solids Cleanout (17" x 29")
FLOOR & DRAIN	Funnel Floor w/2" Liquid Drain
VENT STACK	10" Diameter
UTILITIES	240V/3Ph/68 Amp <i>or</i> 480V/3Ph/34 Amp <i>(optional)</i>
DIMENSIONS	35"W x 38"L x 54" H
SAFETY SYSTEMS	Low Liquid Level Primary Shutdown, High Temperature Thermostat Secondary Shutdown
OIL REMOVAL	2" Variable Overflow Weir w/2" NPT Outlet <i>(Patented)</i>
WARRANTY	One Year Parts & Workmanship

*Specifications subject to change without notice.



Not to Scale

