

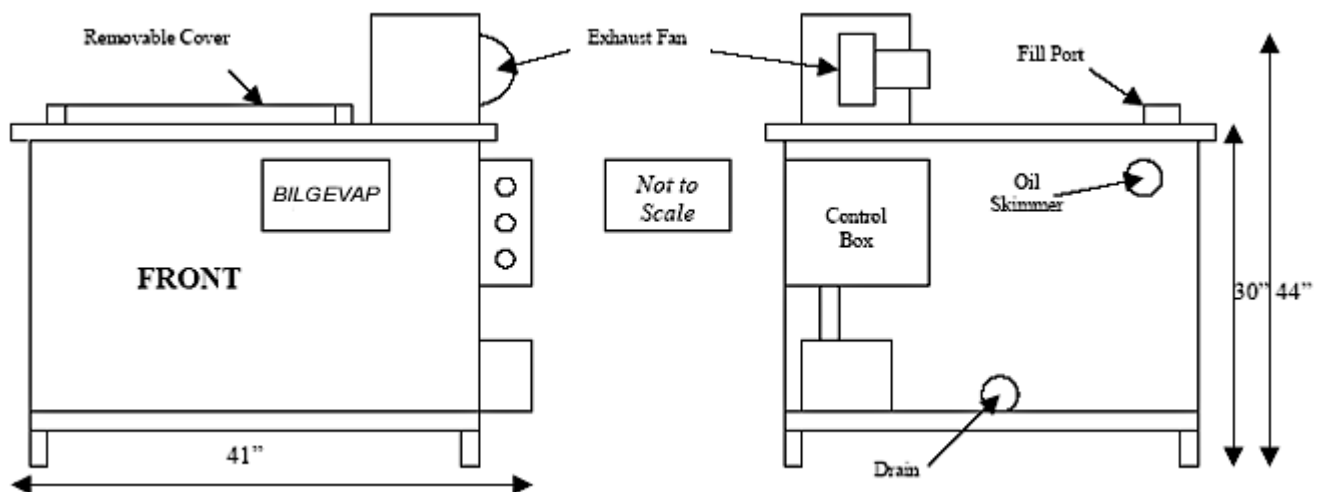
SkimOil BilgeVAP - Model BV10285EX Wastewater Evaporator

PRODUCT DESCRIPTION

The Model BV10285EX is an electrically heated wastewater evaporator. It comes in two models, the Model BV10285EX Carbon Steel version and the Model BV10285EX-SS 316L Stainless Steel version. Typical applications include minimizing wastewater from machining and grinding, parts washing fluids, compressor condensate, mop waters, die cast solutions, scrubber waters, paint & ink wash-ups, photographic solutions, and many other waterbased wastestreams. Installation is simple consisting of an electrical hookup and a 6" diameter vent stack. The unit can be filled in three different ways: (1) Plumb the feed source into the supplied 2" coupling; (2) Remove the lid and manually fill the unit; or (3) Use the optional 70 GPM 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 cleanout 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 BV10285EX will evaporate from 4 to 6 gallons per hour of water. The Model BV10285EX will automatically shut itself down via a low-level control. A high temperature thermostat using our Thermal Bridge™ provides a secondary redundant shutdown. When a cycle is completed the liquid waste material can either be drained via the 2" step-down drain or pumped out. To facilitate solids removal, the tank cover is removable, the tank top is a convenient 30" waist height, and the floor is an obstruction free 3/8" thick steel plate.

PRODUCT SPECIFICATIONS

MAXIMUM EVAPORATION RATE	6 Gallons/Hour (22 l/h): Batch Fill 4 Gallons/Hour (16 l/h): Auto-Fill
TANK CAPACITY	85 Gallons
TANK CONSTRUCTION	Carbon Steel - 12 Gauge or 316L Stainless Steel - 12 Gauge (Special Alloys Available) 1" Insulation w/16 Gauge Skin
HEAT EXCHANGER	3/8" Plate Floor (Carbon or 316L SS) 11.4 Kilowatts/Hour Thru-Floor Heated
TANK HEIGHT	30" Top Frame
TANK COVER	3/8" Plate Support Frame; Removable Cover for Solids Cleanout (19" x 20 1/2")
FLOOR & DRAIN	Flat, Obstruction Free Floor; 2" Drain for Liquids
VENT STACK	6" Diameter
UTILITIES	240V/3Ph/40Amp or 240V/1Ph/50Amp 480V/3Ph/20Amp (optional)
DIMENSIONS	33"W x 43"L x 54" H 104 cm x 58 cm x 112 cm
SAFETY SYSTEMS	Low Liquid Level Shutdown Thermal Bridge™ High Temperature Shutdown* (*Patented Heat Exchanger Surface Temperature Monitor)
OIL REMOVAL	2" Variable Overflow Weir w/2" NPT Outlet (Patented)
WARRANTY	One Year Parts & Workmanship



Installation Information

VENT STACK	ELECTRICAL	GAS	FILL PUMP (Option)	LIQUID DRAIN	FLOOR	FLUID INLET
6"	240V/3/40 Amp; 240V/1/50Amp; 480V/3/20 Amp		2" NPT Inlet; Self Priming, Centrifugal, Cast Iron Housing; 70 GPM	2" NPT Coupling (All Models)	Flat	2" NPT Coupling. (Note: If fluid level in holding tank is higher than evaporator tank, a solenoid or vacuum break must be installed between feed pump and BilgeVAP.)

