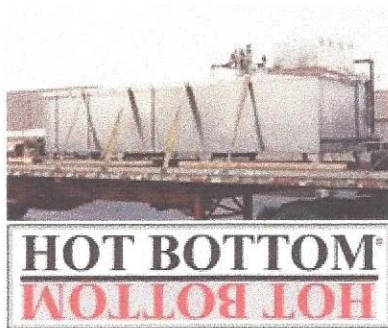


Your best source for high quality, dependable, LAKEVIEW Wastewater Evaporators

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PRODUCTS

**E-1200 H/O Hot Bottom Wastewater Evaporator**

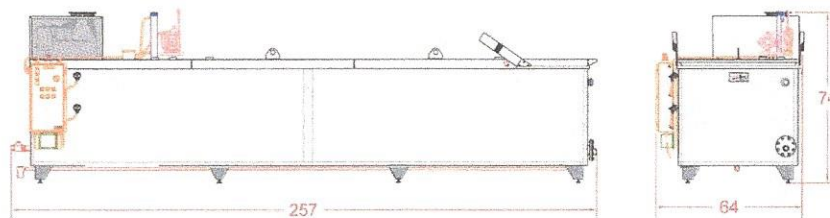
E-1200 H/O HB

Description:

Lakeview Hot Bottom models are steam heated wastewater evaporators. The steam chamber is an A.S.M.E. "U" stamped pressure vessel rated to 150 psi. Steam is supplied by a plant boiler, steam generator, or a packaged boiler system dedicated for evaporation.

Steam is the energy of choice where possible as it offers unparalleled energy versatility, efficiency, and economy. The efficient heat transfer and relatively low temperature of steam is ideal for evaporation of wastewater because of the reduction of solids sticking to the heating surface. The H/O (high output) evaporators offer increased evaporation rates within the same footprint.

Lakeview provides custom wastewater evaporation systems designed with the correct options to meet the requirements of your specific waste stream.



Lakeview Model E-1200 H/O HB is rated to evaporate up to 250 gallons (946 liters) per hour, requires 2750# steam/hr, 82 bhp..

LAKEVIEW EVAPORATORS -- STANDARD SPECIFICATIONS / FEATURES**Evaporator tank** - 10 gauge, 316L stainless steel standard**Evaporator heat exchanger** - 3/8", 316L stainless steel, 150psi, tank bottom**Access lid and blower lid** - stainless steel construction for all wetted parts**Evaporator tank insulation** - all sides insulated, 2" foil backed 850°F rated, .30 conductivity, .043SI unit**Exhaust blower housing** - heavy gauge, tig welded stainless steel, belt driven, greasable pillow blocks**Evaporator impeller** - self-cleaning, backward inclined radial blade, stainless steel construction**Evaporator stack connection** - 10" I.D. flanged**Blower motor** - 3hp, 3ph, 3450rpm**Wastewater transfer pump** - air operated (1") pump float operated ball valve**Evaporator control panel** - industrial duty NEMA4 rated enclosures**Wastewater level control** - high/low level float microswitch assembly**Coalescing filter** - galvanized steel mesh at water vapor exhaust blower inlet**Evaporator clean-out** - 4" NPT clean out port at evaporator bottom**Evaporator skimming weir** - drains through 2" port**Blower Guard** -- safety cage surrounds the blower, blower motor, drive belt, and evaporator stack**Modulating Steam Valve** -- controls volume of steam entering the steam chamber

([click here](#) - detailed information on Lakeview wastewater evaporator standard specifications/features)

LAKEVIEW EVAPORATORS -- STANDARD SAFETY FEATURES

- * **Industrial safety disconnect at evaporator**
- * **Air-cooled, counter-weighted access lid**
- * **Safety circuitry and manual reset**
- * **Safety cage around hot/moving parts**
- * **Redundant safety and wastewater level controls**

LAKEVIEW EVAPORATORS -- OPTIONAL EQUIPMENT

- * **Special evaporator tank construction**
- * **Evaporator exhaust stacks**
- * **Remote wastewater level sensors**
- * **Overspray/foam control system**
- * **Automation package**
- * **Skimmer/sludge pump system**
- * **Remote tank oil sensing**
- * **Rectangular evaporator clean out**
- * **Power wash clean out ports**

LAKEVIEW EVAPORATOR -- HOT BOTTOM SPECIFICATIONS

Hot Bottom	evaporation rate			tank dimensions			tank capacity		weight
	gph	lbs steam/hr	bhp@ 100psig	length	width	height	max	nom	lbs
E-200	25	250	7.5	71"	50"	71"	230	180	1400
E-300	32	320	10	86"	50"	71"	350	270	1800
E-600	65	650	20	113"	65"	75"	750	650	2800
E-600 H/O	100	1050	31	113"	65"	75"	750	650	3250
E-750	96	1000	30	161"	64"	75"	1150	1000	3450
E-750 H/O	190	2000	60	161"	64"	75"	1150	1000	4300
E-900	130	1400	42	209"	65"	74"	1590	1300	4250
E-900 H/O	200	2150	64	209"	65"	74"	1590	1300	5750
E-1200	160	1700	51	257"	64"	74"	1885	1600	5500
E-1200 H/O	250	2750	82	257"	64"	74"	1885	1600	7700
E-1500	250	2750	82	215"	109"	76"	2200	1750	8500
E-1500 H/O	400	4400	131	215"	109"	76"	2200	1750	11900
E-1800	320	3520	105	259"	120"	76"	2800	2240	11000
E-1800 H/O	480	5280	158	259"	120"	76"	2800	2240	15500

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