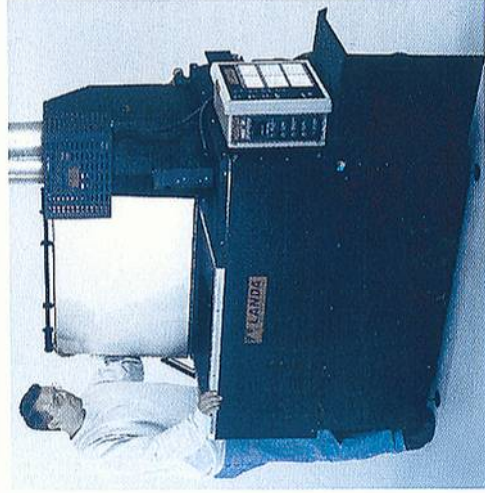


Industrial Wastewater Evaporators



Combustion Gas Plenum: Steam and combustion gases mix within the fully insulated Plenum Box, allowing steam emissions to be super-heated and a taller flue gas stack to guard against particulate from entering the combustion chamber.

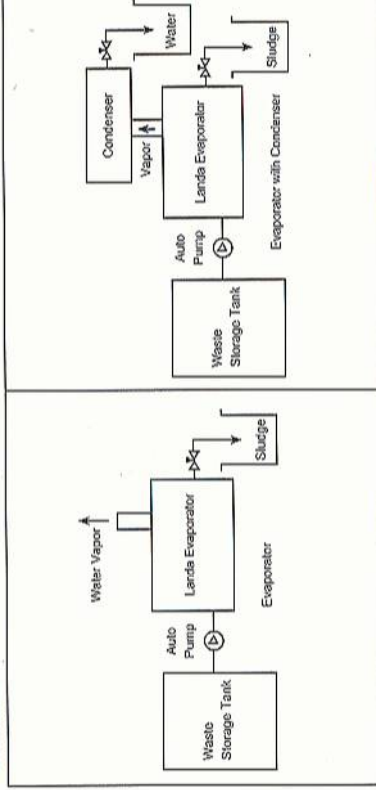
Heavy-Duty Air Diaphragm: Optional pump automatically fills tank for continuous operation.

Insulated Lid and Handles: Double-walled lid, with easy-grip extension handle, is fully insulated for added heat efficiency and operator protection.

Evaporation Tank: Heavy-duty tank is made of carbon steel with optional alloy upgrades to 316L, duplex 2205, or AL-6XN stainless steel.

Combustion Box: Combustion chamber, made of high density ceramic refractory fiber, features a unique energy efficient design for reflecting the heat directly onto the floor of the evaporation tank for energy savings.

Available upgrades and options: Autofill, foam suppression system, oil skimmer, propane kit, tank alloy upgrades.



Advantage
 Economical - Treatment at site reduce high transportation cost of toxic waste.
 Reliable & Effective - No chemical treatment or monitoring.
 Safe & No Margin For Error - Liquid is vaporized to steam and solid to sludge.
 Auto Operating System - Auto waste refill and auto stop when cycle is completed.
 Virtually Maintenance Free - Sludge discharge outlet for easy disposal.
 Compact & Transportable - Small set up area and easy installation.
 Environmental Safe Operation - No discharge to sewer or watercourse.
 Certified to UL/USA Safety Standard - Tested & proven system.

Specification	HBG - 15	HBG - 30	HBO - 30	HBE - 10
EVAPORATION RATE*	10-15 gph (38-57 lph)	25-30 gph (96-114 lph)	25-30 gph (96-114 lph)	6-8 gph (23-30 lph)
ENERGY SOURCE	Natural Gas / Liquid Propane	Natural Gas / Liquid Propane	Diesel	8 x 2600-Watt Heater Elements
BTU PER HOUR / KW	200,000 BTU/hr	375,000 BTU/hr	375,000 BTU/hr	20.8 KW
POWER REQUIREMENTS	220V 1ph	220V 1ph	220V 1ph	460V 3ph, 28 amps
COMPRESSED AIR	4 cfm (1.9 dm ³ / sec) @20-100 psi (1.4 - 6.9 bar)			
TANK CAPACITY	70 gallons (265 liters)	100 gallons (379 liters)	100 gallons (379 liters)	55 gallons (208 liters)
TANK MATERIAL†	Option - Carbon Steel Tank / Stainless Steel Tank / Duplex 2205 Tank / AL-6XN Tank			
INSULATION	Double Walled	Double Walled	Double Walled	Double Walled
EXHAUST STACK	6" Stainless Steel	10" Stainless Steel	10" Stainless Steel	6" Stainless Steel
DIMENSIONS L x W x H	78.5" x 33" x 66" (199 x 84 x 165cm)	65" x 53" x 70" (165 x 135 x 178cm)	65" x 53" x 70" (165 x 135 x 178cm)	58" x 41" x 64" (148 x 79 x 163cm)
SHIPPING WEIGHT	1215 lbs (552 kg)	1435 lbs (651 kg)	1435 lbs (651 kg)	980 lbs (445 kg)

Note: We are constantly improving and updating our products. Consequently, pictures, features and specifications in this brochure may differ slightly from current models.
 *Rate based on evaporation of clean water † Optional alloy tank materials, 316L, 2205 Duplex and AL-6XN stainless steel, have 1/4" floor.

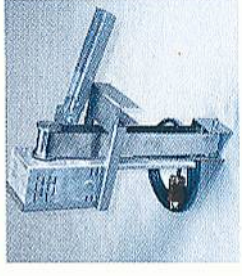
OPTIONAL & UPGRADES



Autofill: Automatically fills tank for continuous operation.
 HBG air pump #30-815
 HBG centrifugal #30-835
 HBE 460V models #30-839



Anti-Foam Kit: Automatically injects anti-foam to control excess foam in waste streams.
 #07-8116



Oil Skimmer: Stainless steel belt automatically removes floating oils.
 316L Stainless #30-8161

Propane Kit: Gas conversion kit (natural gas to liquid propane).

HBG-15 #7-8118
 HBG-30 #7-8119

Tank Material Upgrades: Stainless steel alloys for corrosive waste streams.

HBG-15 / HBO-30
 316L #30-820 2205 Duplex #30-822 AL-6XN #30-821

HBG-30 / HBO-30
 316L #30-825 2205 Duplex #30-827 AL-6XN #30-826

HBE-10
 316L #30-830 2205 Duplex #30-832 AL-6XN #30-831