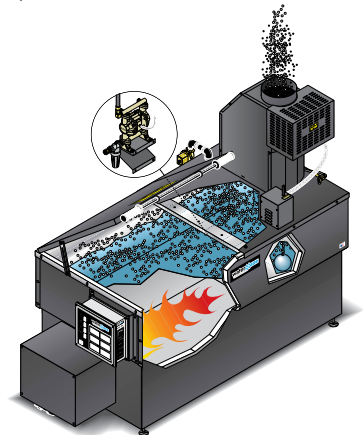


HBG

EVAPORATION

ENHANCE ENERGY EFFICIENCY AND COST SAVING

The gas-heated HBG system, available in carbon or stainless steel tank options, is capable of evaporating wastewater at up to 30 gallons per hour. The combustion box in the HBG is made of advanced heat reflective material and features a unique energy-efficient design for reflecting the heat directly onto the floor of the evaporation tank for energy cost savings. A high-efficiency burner shoots a flame, fueled by natural gas or propane, into the combustion chamber for unusually high energy efficiency. The unit is made of heavy-duty steel, insulated and double lined for both energy efficiency and safety.



SUBMERGED COMBUSTION WASTEWATER EVAPORATOR

Evaporates waste water up to 30 gallons per hour

Combustion box made of advanced heat reflective material

Natural gas or LPG heated system

Reduces liability and exposure to RCRA regulations

Tank options - carbon or stainless steel

Safety Certifications

Simple and effective treatment slashes costs for off-site disposal and increase profitability

Footprint: 90.5" x 51" x 75"



ECONOMICAL ALTERNATIVE TO OFF-SITE DISPOSAL

Water volume reduction using evaporation technology can be an economical alternative to the high costs of off-site disposal of water, which can exceed \$1 USD per gallon. Evaporation costs can be a fraction of off-site disposal costs. Wastewater being hauled off-site is mostly water. Our evaporation systems may achieve up to a 95% volume reduction. This can translate into major costs savings and a quick return on investment for the purchase of the equipment.

CUSTOMIZE AND ACCESSORIZE

Accessories enhance the effectiveness of Water Maze Treatment Systems. Water Maze offers a broad selection of add-ons, accessories, parts, and consumables that support the performance of your water treatment systems.

DETERGENTS, MEDIA AND CONSUMABLES

Water Maze offers a variety of additives, defoamers and detergents that are compatible with your pressure washer equipment and enhance the effectiveness of pressure washer and water treatment systems. We have a line of quick-release detergents available in 5 and 55 gallons. Filter media such as sand, gravel, and clay, which help provide separation of contaminants in water filtration equipment. We also offer bio-pucks and biostax products for our bioremediation systems, that are designed to alleviate odor in collection pits.

TECHNICAL DATA

MODEL	PART NO.	DESCRIPTION	BTU	EVAPORATION TECHNOLOGY	FLOW RATE GPH	EXHAUST STACK	CAPACITY (GAL)	VOLTAGE	PHASE	AMPS	EST. SHIP WEIGHT (LBS.)
HBG-30D	1.103-449.0	Wastewater Evaporator	311,000	Hot-Plate	up to 24	10"	100	120	1	3	1,430

Dimensions (approximate):
HBG-30D Shipping: 65" x 98" x 81" Estimated product tare weight: 1,395 lbs.

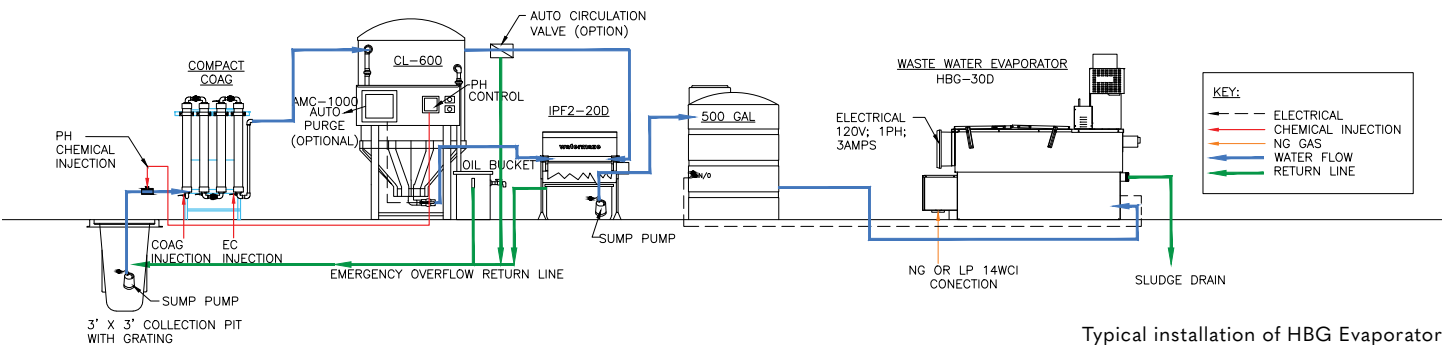
OPTIONAL ACCESSORIES

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
8.903-740.0	Air Diaphragm Fill Pump & Level Controls for Auto Fill (compressed air required, 3 cfm at 60-100 PSI) †	8.903-749.0	Tank Conversion to 316L Stainless Steel †
8.903-753.0	Electric Centrifugal Fill Pump & Level Controls for Auto Fill †	8.903-750.0	Tank Conversion to AL-6XN †
8.903-741.0	Motorized Belt Oil Skimmer, 316L Stainless Steel †	8.906-077.0	Conversion from Natural Gas to Propane †
8.906-074.0	Chemical Injector, Defoamer, Air-Injected †	8.717-742.0	10" Flue Pipe Rain Shield
8.906-073.0	Inline Chemical Injector for Anti-foam or Rust Inhibitor, Electric-Powered †	SPECIAL	Convert All Carbon Steel Parts to Stainless Steel †

WATER ANALYSIS AND KITS FOR EVAPORATION SYSTEMS

PART NO.	DESCRIPTION
8.750-241.0	Metal Analysis (includes Ag, As, Ba, Cd, Cr, Pb, Se Hg, Cu, Zn, Ni)
8.750-242.0	Base Analysis for Evaporators (includes analysis of pH dissolved and suspended solids, Total Oils & Greases, NP [Non-Polar] Oils & Greases, Anions [Cl, NO3, o-PO4, SO4], Flashpoint, Viscosity, Cations [B, Ca, Fe, K, Mg, Na])
8.750-243.0	VOC Analysis (includes 67 VOC compounds by EPA 8260) for Evaporation Systems
8.719-146.0	Evaporator Waste Stream Sampling Kit

‡ Factory Install Only. † Net price – no dealer discounts; to expedite processing time of wastewater analysis, multiply net price by a factor of 1.5



Typical installation of HBG Evaporator