

HOT/COLD WATER EVAPORATOR (AC EW)



Shown: AC EW10000 FF 4

The Hot/Cold Water Evaporator is a fully automated, compact, skid mounted treatment system that allows recovery of 90% or more of a wastewater stream for recycling, concentrating contaminants in 10% or less of the original volume. The system creates a vacuum in a boiling chamber, reducing the boiling temperature to approximately 104°F, thereby allowing efficient and cost effective separation of water from other contaminants. Continuous, reliable, and efficient automatic operation on a 24/7 basis is achieved using existing facility hot and cold water loops for boiling and condensation, often in cogeneration applications.

Specifications:

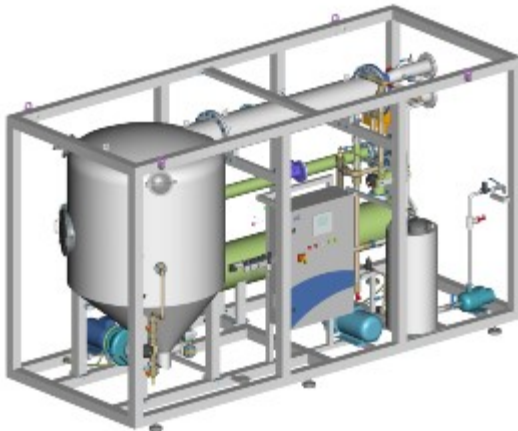
- 5,283 to 15,850 gallon per day models available
- Extremely low operating costs when used in cogeneration applications
- Skid mounted design, ready to install
- Factory-piped, wired, and tested before shipment
- Indoor or outdoor installation

Standard Features

- NEMA 4 powder coated steel control panel
- Siemens PLC-based control system with color touchscreen HMI
- Stainless steel frame with weather-resistant panels
- 316L, Superduplex 2507, or Hastelloy C22 critical wetted components
- 316L and polypropylene non-critical wetted components
- Connections for facility hot and cold water supplies
- Automatic anti-foam injection

Optional Features

- Pre- and post-treatment systems
- Storage tanks for process liquids
- pH adjustment of distillate
- Bactericide metering
- Concentrate transfer pumps
- Distillate transfer pumps
- Distillate conductivity meter
- Automatic chemical washing
- Custom configurations by request



Shown: AC EW F8000 FF 4

ORDERING INFORMATION				
AC EW	Forced Circulation Evaporator			
	Capacity (Choose One)			
	5000	5,283 Gallons per Day		
	8000	7,925 Gallons per Day		
	10000	10,567 Gallons per Day		
	16000	15,850 Gallons per Day		
	Wetted Material (Choose One)			
	AA	316L Stainless Steel		
	FF	Superduplex 2507		
	HH	Hastelloy C22		
	Power Requirements (Choose One)			
	3A	208 VAC / 3 / 60 Hz		
	3B	230 VAC / 3 / 60 Hz		
	4	460 VAC / 3 / 60 Hz		
Example Part Number				
AC EW	5000	AA	4	AC EW5000 AA 4
AC EW	10000	FF	3B	AC EW10000 FF 3B

