

Take The Common Sense Approach



Low Initial Cost
Easy to Install
Low Operating Costs
DON'T TREAT - RECOVER!

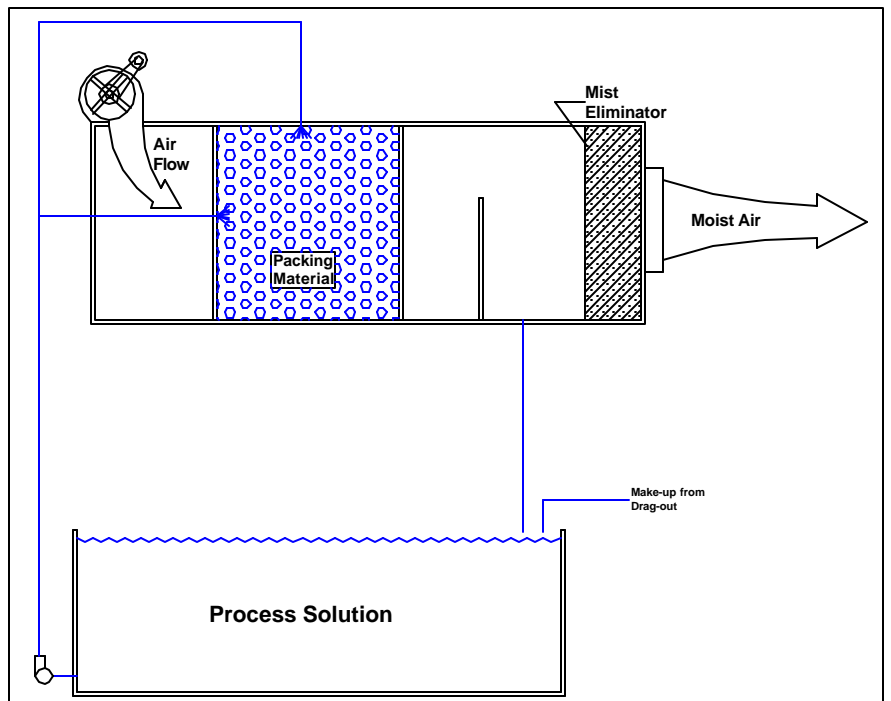
- **Reclaim Dragout Chemicals**
- **Minimize Waste Treatment and Sludge Disposal Costs**
- **Reduce Operating Costs**
- **Prevent Solution Growth**
- **Provide Cooling for Low Temperature Baths**
- **Increase Profits**

Max-Evap Features

- ½-inch Polypropylene, PVC lined steel, or Titanium construction
- Non-plugging Packing
- Vertical & Horizontal sprays to increase evaporation & eliminate downtime & cleaning
- Horizontal discharge to prevent condensate from draining back into the evaporator
- Total accessibility
- Maximum attainable evaporation rates – up to 75 gallons/hour at 150°F

Advantages of Max-Evap

- Random evaporative surface
- Vertical mist eliminator
- Horizontal discharge
- Accessibility
- Separate blower compartment
- Packing wash-down assembly

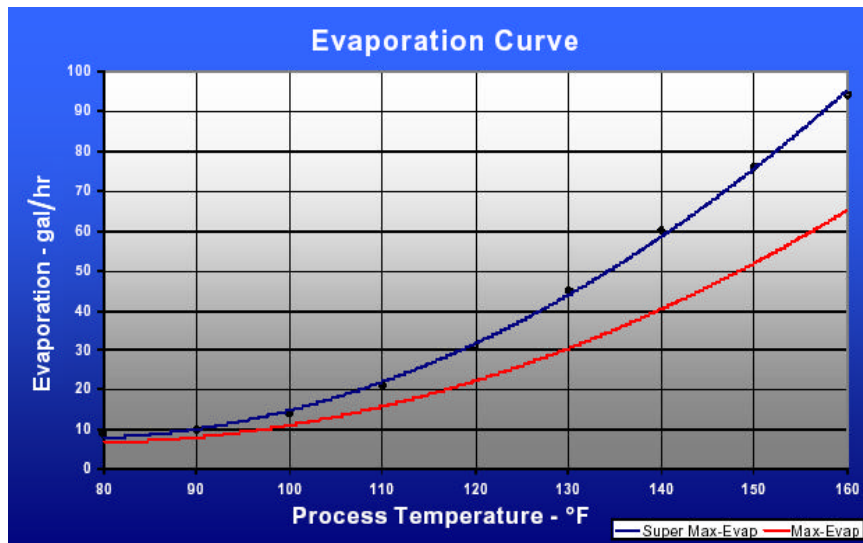


With the Max-Evap system, solution is pumped from the process tank to the Max-Evap unit, sprayed over a randomly oriented, high effective surface area packing material and returned by gravity to the tank. At the same time, air is blown through the wetted packing material. Evaporation of the process solution is, as a result, enhanced considerably. The headroom thus created in the process tank is made up from the downstream rinses, thereby returning dragged-out chemicals to the process tank.

Any processing solution in an open tank will lose water through natural evaporation. The rate depends on a number of factors, including:

- Temperature of processing solution
- Temperature of surrounding air
- Surface area of solution exposed to air
- Movement of air across solution surface
- Atmospheric humidity

In general, evaporation decreases with an increase in atmospheric humidity and increases with an increase in solution temperature, air temperature, surface area of solution exposed to air and air movement across the solution surface.



Specifications

- ◆ Floorspace:
 - 24" x 72" x 96" high or
 - 36" x 72" x 96" high excluding pump
- ◆ Electrical: Single or three phase
 - Blowers ¾ hp or 1-½ hp
 - Pumps ¾ hp
 - Heaters 230/460/3/60 with amperage depending upon evaporative rate
- ◆ Steam:
 - 15 p.s.i.