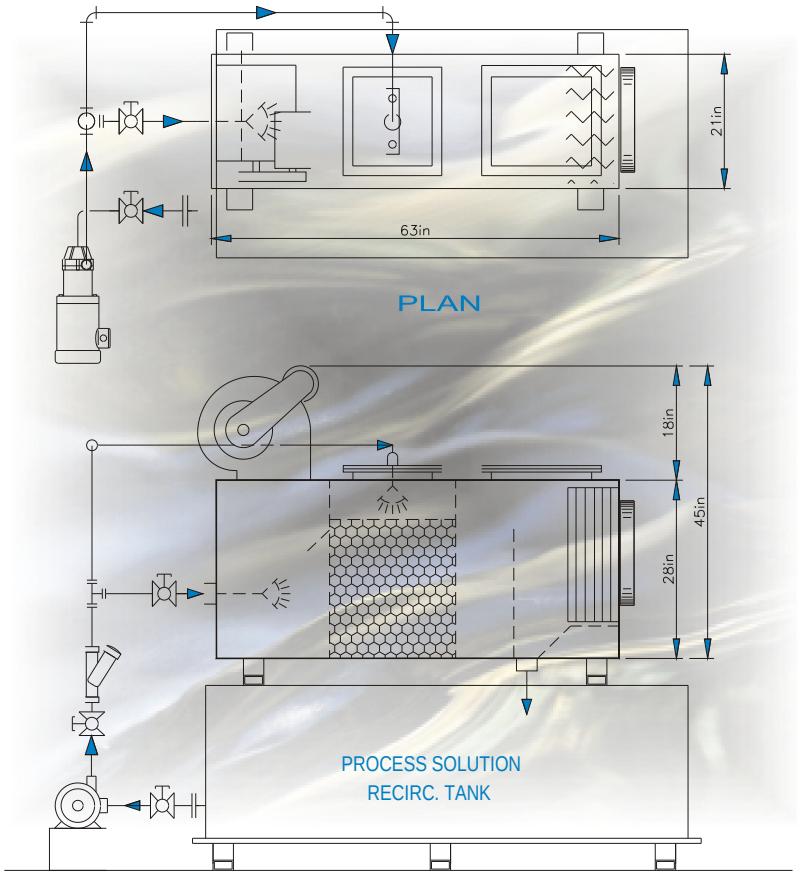


ELEVATION

STANDARD EVAPORATOR LAYOUT

MODEL	CONSTRUCTION MATERIALS	PACKING MATERIAL*	DIMENSIONS L x W x H	MAX. TEMPERATURE °F
KME-1	POLYPROPYLENE	PP	63" x 21" x 35"	160
KME-2	PVC	PP	63" x 21" x 35"	140
KME-3	POLYETHYLENE	PE	63" x 21" x 35"	140
KME-SS	STAINLESS STEEL	PVDF	63" x 21" x 35"	200
KME-K	PVDF	PVDF	63" x 21" x 35"	200
KME-F	FIBERGLASS COATED PVC	PP	63" x 21" x 35"	180
KME-T	TITANIUM	PVDF	63" x 21" x 35"	200
SKME-1	POLYPROPYLENE	PP	77" x 25" x 40"	160
SKME-2	PVC	PP	77" x 25" x 40"	140
SKME-3	POLYETHYLENE	PE	77" x 25" x 40"	140
SKME-SS	STAINLESS STEEL	PVDF	77" x 25" x 40"	200
SKME-K	PVDF	PVDF	77" x 25" x 40"	200
SKME-F	FIBERGLASS COATED PVC	PP	77" x 25" x 40"	180
SKME-T	TITANIUM	PVDF	77" x 25" x 40"	200

** packing material is subject to change dependent on type/temperatures of solution processed.*

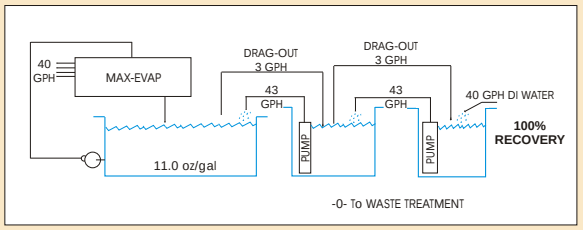
Energy requirements for a regular Max-Evap™

SOLUTION Temperature	EVAPORATION gal/hr	BTU/hr Required	KW Required	BOILER hp Required
150°F (65°C)	50	450,000	132	14
140°F (60°C)	40	360,000	103	11
130°F (54°C)	30	270,000	79	8
120°F (49°C)	20	180,000	53	5
110°F (43°C)	12	108,000	32	3
100°F (38°C)	8	72,000	21	2
90°F (32°C)	5	45,000	13	1.5

- *Recovery of plating solutions*
- *Reduce solution growth in plating baths*
- *Reduction of liquid hazardous waste*
- *DI regeneration waste evaporation*
- *Recovery of precious metal containing water*
- *Cooling of chemical process solutions*

OPTIONAL Equipment

- *Chromic acid compatible pumps*
- *Kimre pad scrubbers*
- *KMET- Evaporation tanks & Heating systems.*
- *PLC controlled turnkey closed loop evaporation systems.*
- *Maxi-Spray counter flowing spray rinsing systems.*



Technical Specifications

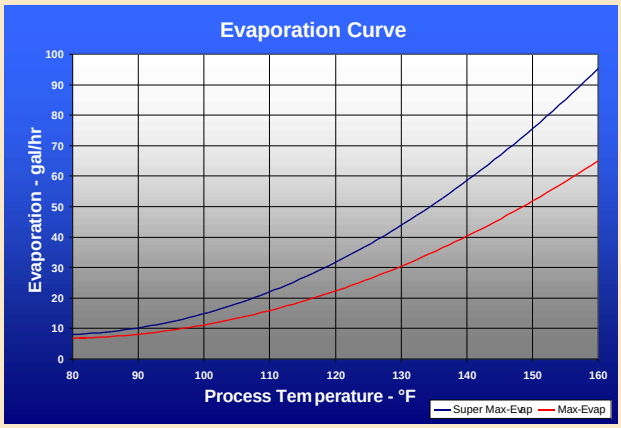
Floorspace:
Standard Max-Evap:
21" x 63" x 52" high including blower

Super Max-Evap:
25" x 77" x 57" high including blower

Electrical: Single or three phase
Blowers Std. :¾ hp Super: 1-½ hp
Pumps ¾ hp
Heaters230/460/3/60 with amperage depending upon evaporative rate

Steam:
Low pressure15 p.s.i.

Operating Weight:
325 pounds (150 kg) for a regular Max-Evap™
355 pounds (160 kg) for a Super Max-Evap™



** Average field test data.*