

KMU LOFT evaporator systems

PROWADEST®/1 [30 – 400 l/h]



Robust and reliable
even for foaming waste waters



KMU LOFT

C L E A N W A T E R G M B H

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Vacuum distillation systems with forced circulation

PROWADEST®/1 is a downflow/forced circulation evaporator with vapour compression for distillation capacities of 30–400 l/h. The high performance separator fulfills the highest standards in foam resistant mode. The interior is divided into cold and hot zones, reducing wear and tear on the control equipment. The integrated, fully automatic CIP system optimises production availability. All key process parameters are displayed on a touch panel. The well arranged layout and the large doors on either side simplify operation and maintenance procedures.








Technical data

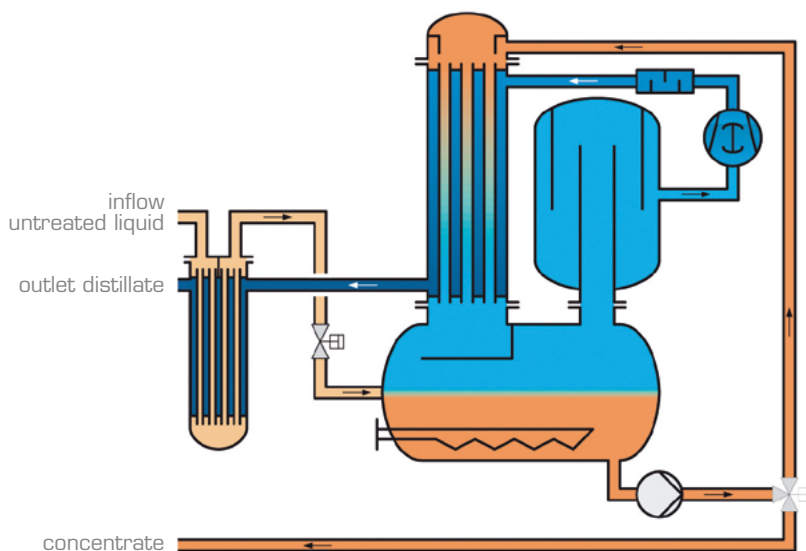
Distillation capacity	[l/h]	30	40	60	90	120	160	200	240	300	350	400
Specific power demand	[kWh/m³]	85	83	80	80	70	70	65	65	60	60	60
Length	[mm]	1680	1680	1680	1680	2100	2100	2100	2300	2300	2300	2300
Width	[mm]	900	900	900	900	1250	1250	1250	1550	1550	1550	1550
Height	[mm]	2180	2180	2180	2180	2350	2350	2350	2500	2500	2500	2500

Your advantages

- Extremely foam resistant evaporator system
- Siemens S7 PLC with touch panel
- Efficient CIP system
- Interior divided into hot and cold zones
- Optional Best Dest® version
- Circulating and discharge pump
- Optimal maintenance accessibility
- High performance separator
- Various materials available



-  inflow untreated liquid
-  evaporating untreated liquid
-  concentrated untreated liquid
-  water vapor
-  compressed water vapor
-  condensing water vapor
-  distillate



Subject to technical modifications



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