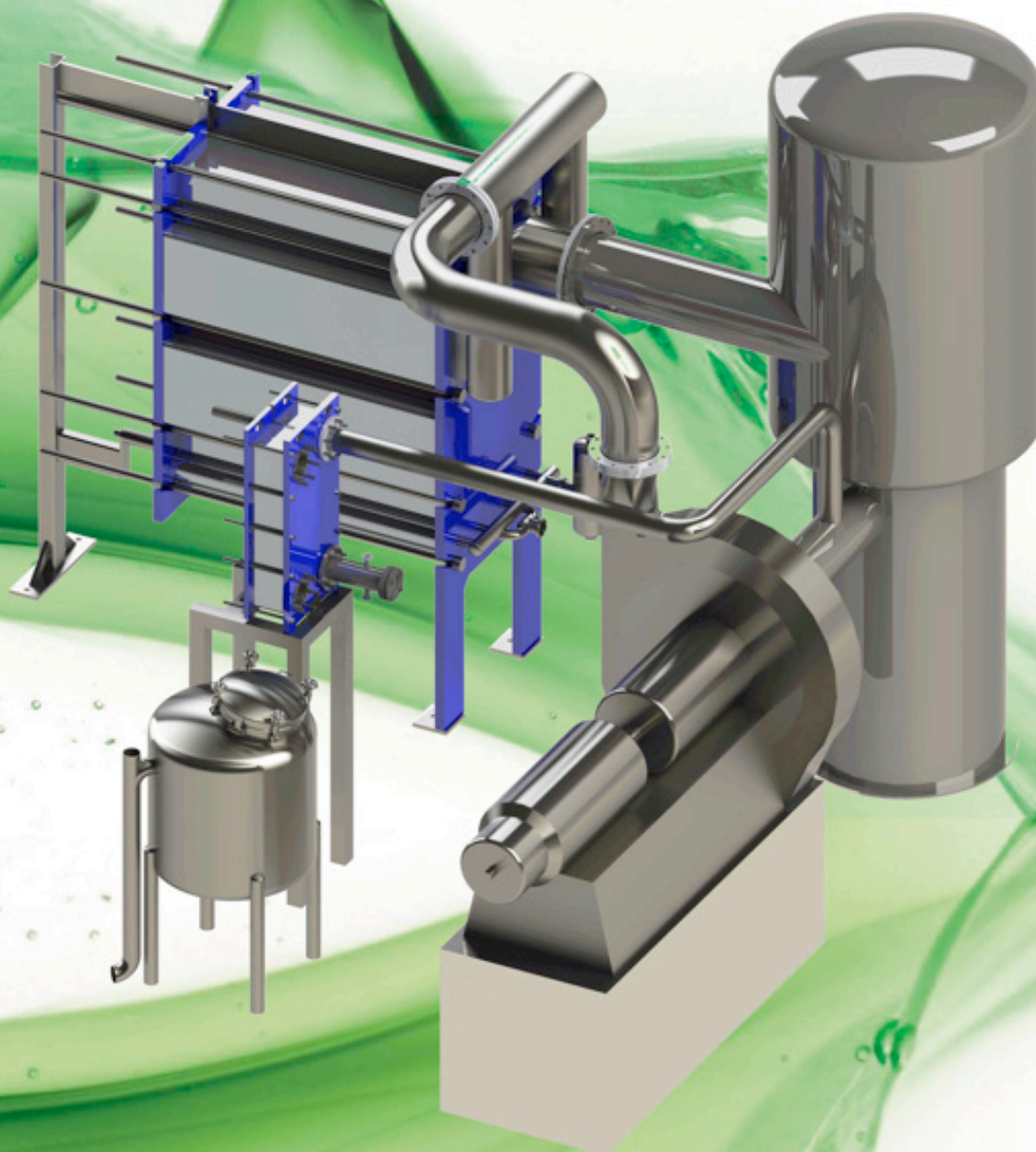


Schmidt

AN API HEAT TRANSFER COMPANY



SIGMASTAR® MVR
Plate Evaporator Technology
with Mechanical Vapor Recompression

Energy Efficient Evaporation Using Modern Mechanical Vapor Recompression Technology

Construction:

- Plate evaporator combined with radial compressor
- Components also available in special materials
- Multiple stages possible (parallel or series)
- May be combined pre-stage for high concentrator or connected in-line after reverse osmosis
- Multiple compressors possible where increased pressure is required
- ATEX version optional

Advantages:

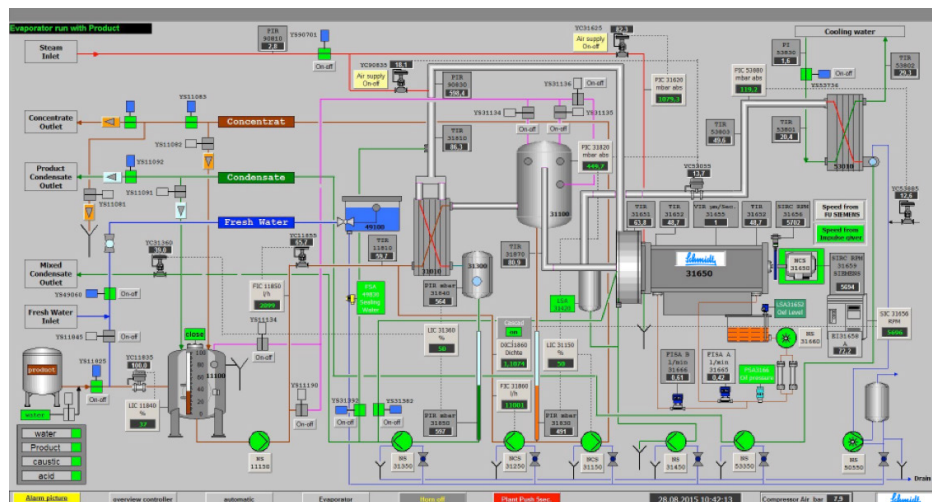
- Reduced operating costs
- Electrical power versus steam
- Compact design
- Evaporating capacity of 1,000-10,000 kg/h
- Fully automated mode of operation
- Cleaning in place (CIP) on hand



SIGMASTAR® 90V MVR – Evaporating capacity: 2.000 kg/h

Utilization:

- Wash water
- Waste water
- Beverages
- Protein hydrolysate
- Plant extracts
- and more



Operator panel view

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