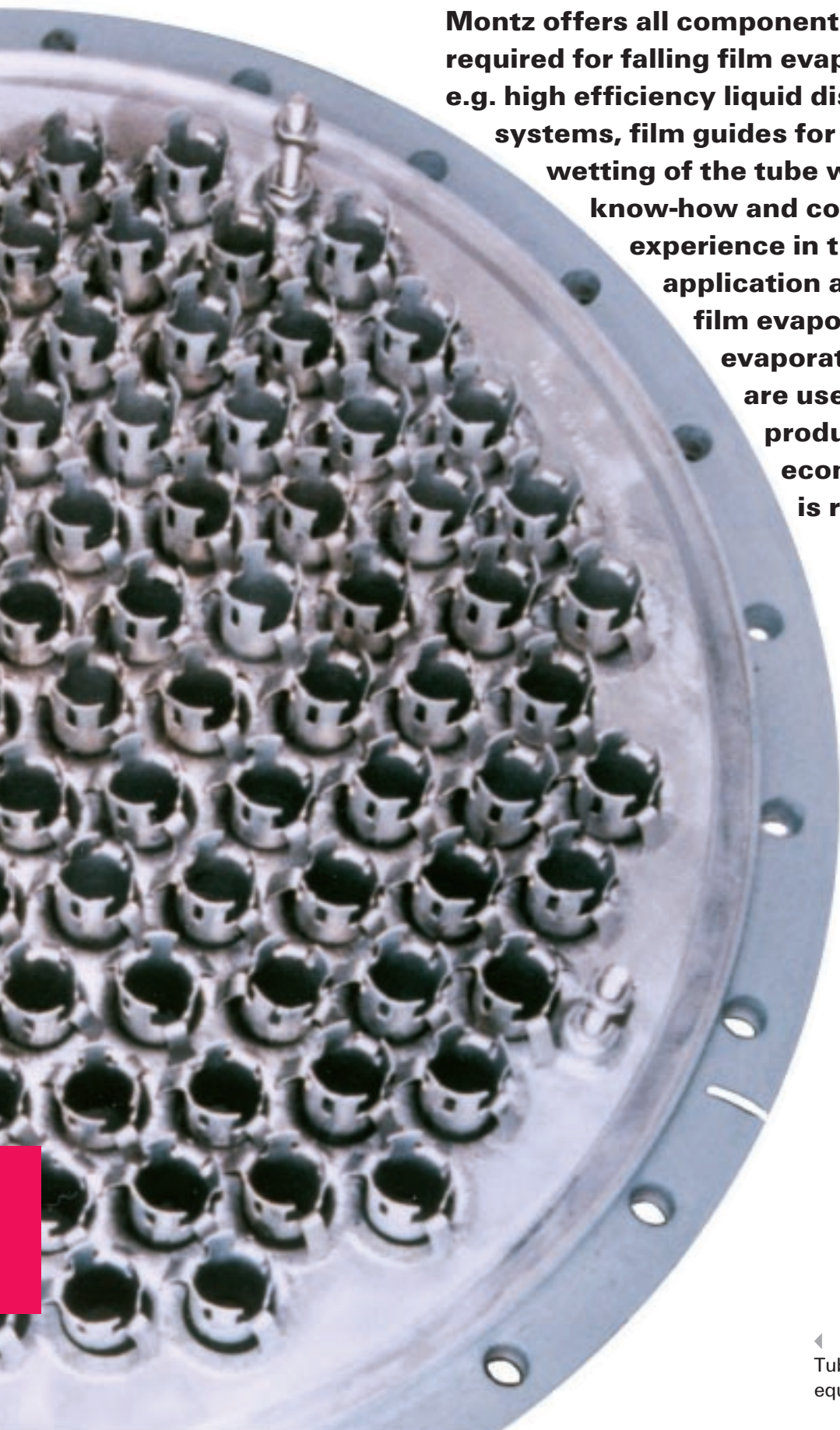


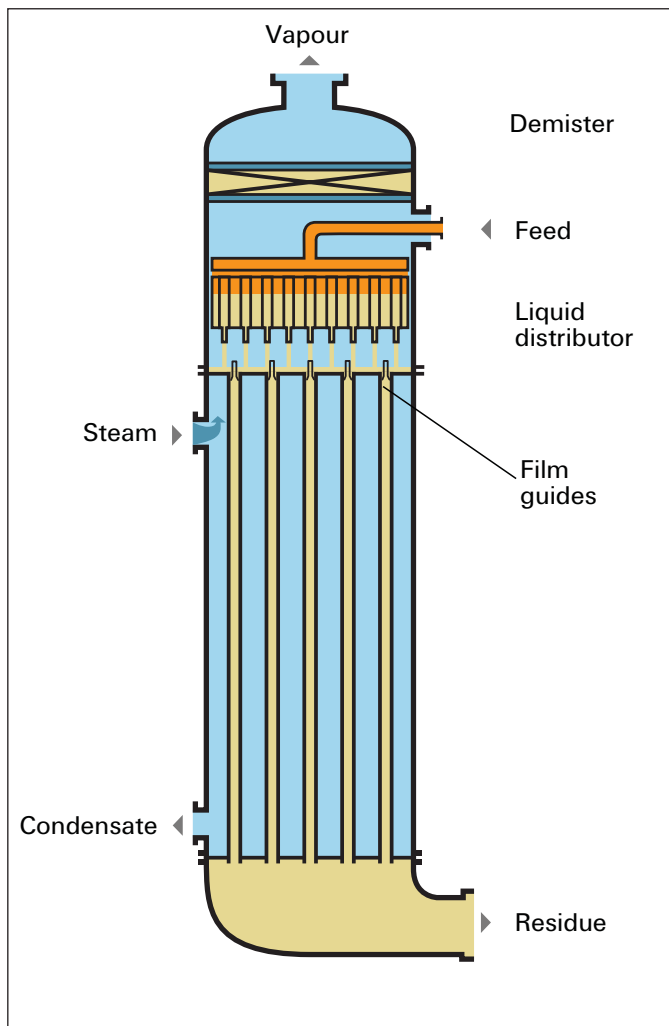
# Falling Film Evaporators

Gentle and economical product treatment

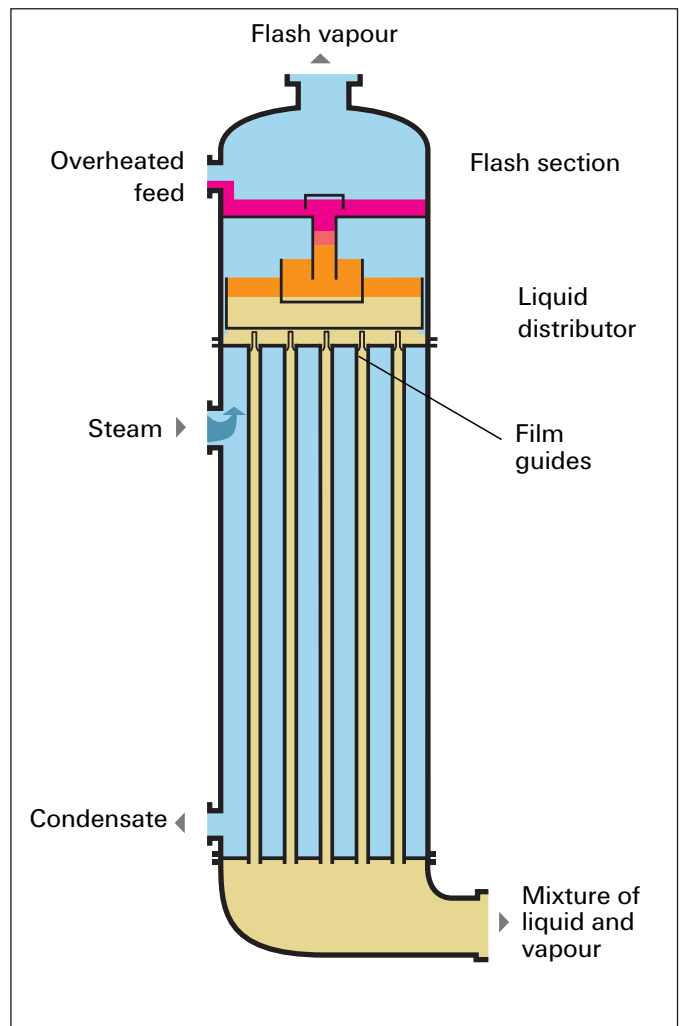


**Montz offers all components required for falling film evaporators, e.g. high efficiency liquid distributor systems, film guides for a uniform wetting of the tube wall, design know-how and comprehensive experience in the fields of application and use of falling film evaporators. Falling film evaporators made by Montz are used where a gentle product treating and economic application is required.**

◀ Tube plate of a falling film evaporator equipped with film guides.



▲ Counter-current falling film evaporator



▲ Co-Current falling film evaporator, special design for overheated feed

## Montz Falling Film Evaporator

### Characteristics

- low liquid hold-up
- short dwell time
- minimum thermal influence of product
- utilisation of waste heat for heating because very low average temperature differences are sufficient
- heating with steam, product vapours, thermal oils etc.

### Applications

- heat exchanger for vacuum fractionating columns
- concentration of solutions
- evaporation of fatty alcohols heat recovery, etc.