

Deaeration System



Specific Deaeration Systems used in process plants complete the product range with regard to an optimised product quality. In most cases the reduction of gas within the thermal heating process is the pre-requisite for obtaining a long lasting production cycle. In this connection, the effective reduction of oxygen in a solution plays a decisive role for the product quality. The combined and integral aroma recovery minimises the loss of aroma during the degassing process. Additionally, effective degassing prevents oxidation and the formation of foam. Ideal results are achieved by isolating off-flavours and odours. Reconstituted solutions or products mixed with powdery substances can efficiently be freed from air brought-in during the mixing process. Liquid aroma substances may be removed and condensed in an external cooler for a later blending into the product flow. The complete deaeration system, including the external cooler can be integrated into an automated thermal process, for instance, into a UHT Plant. Cleaning of the degassing system by the CIP method is also automatical.

Advantage: adjustable cascade valve for the product inlet

A special, adjustable cascade valve for the product inlet provides a very effective product surface in the degassing vessel. This valve supports an optimal degassing result.



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