

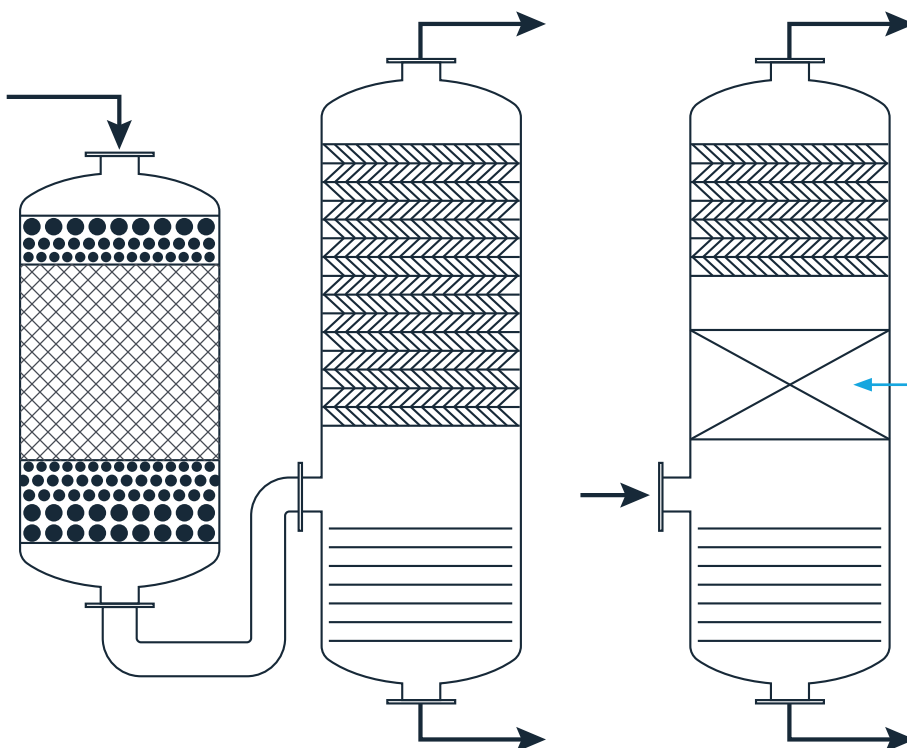
KATAMAX[®]

REACTIVE DISTILLATION STRUCTURED PACKING

Reaction With Distillation (RWD) technology with KATAMAX[®] reactive distillation structured packing offered by Koch-Glitsch can improve your yield.

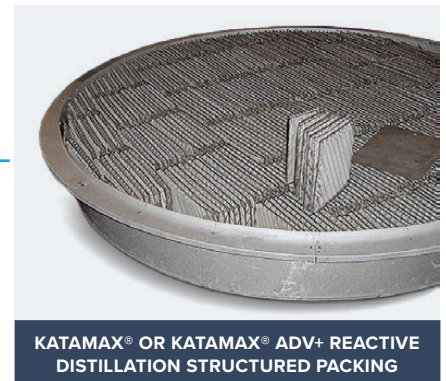
Reaction With Distillation (RWD) from Koch-Glitsch can optimize your return on investment. Because reaction products are distilled away from the reaction zone as they are being produced, the equilibrium limitation of conventional reactor systems are overcome.

Combining the reaction and mass transfer operations into a single unit results in substantial capital cost savings for both new plants and capacity upgrade projects.



Conventional Reactor Plus Distillation

RWD Technology



KATAMAX[®] OR KATAMAX[®] ADV+ REACTIVE DISTILLATION STRUCTURED PACKING

Koch-Glitsch developed the RATEFRAC[®] rate-based software that is available in the PRO/II[™] process simulation software. This software simultaneously models the reactions, thermodynamics and mass transfer rates to generate reliable designs.

KATAMAX® reactive distillation structured packing, containing your choice of catalyst, can debottleneck existing columns.

Commercially proven in etherification and esterification applications, KATAMAX reactive distillation structured packing delivers these advantages:

- Rugged, leakproof construction
- High catalyst contact efficiency
- Stable column operation
- Superior mass transfer efficiency

Koch-Glitsch has the sophisticated RWD equipment, modeling capability, and mass transfer expertise to deliver the best solution for your reactive distillation applications.



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