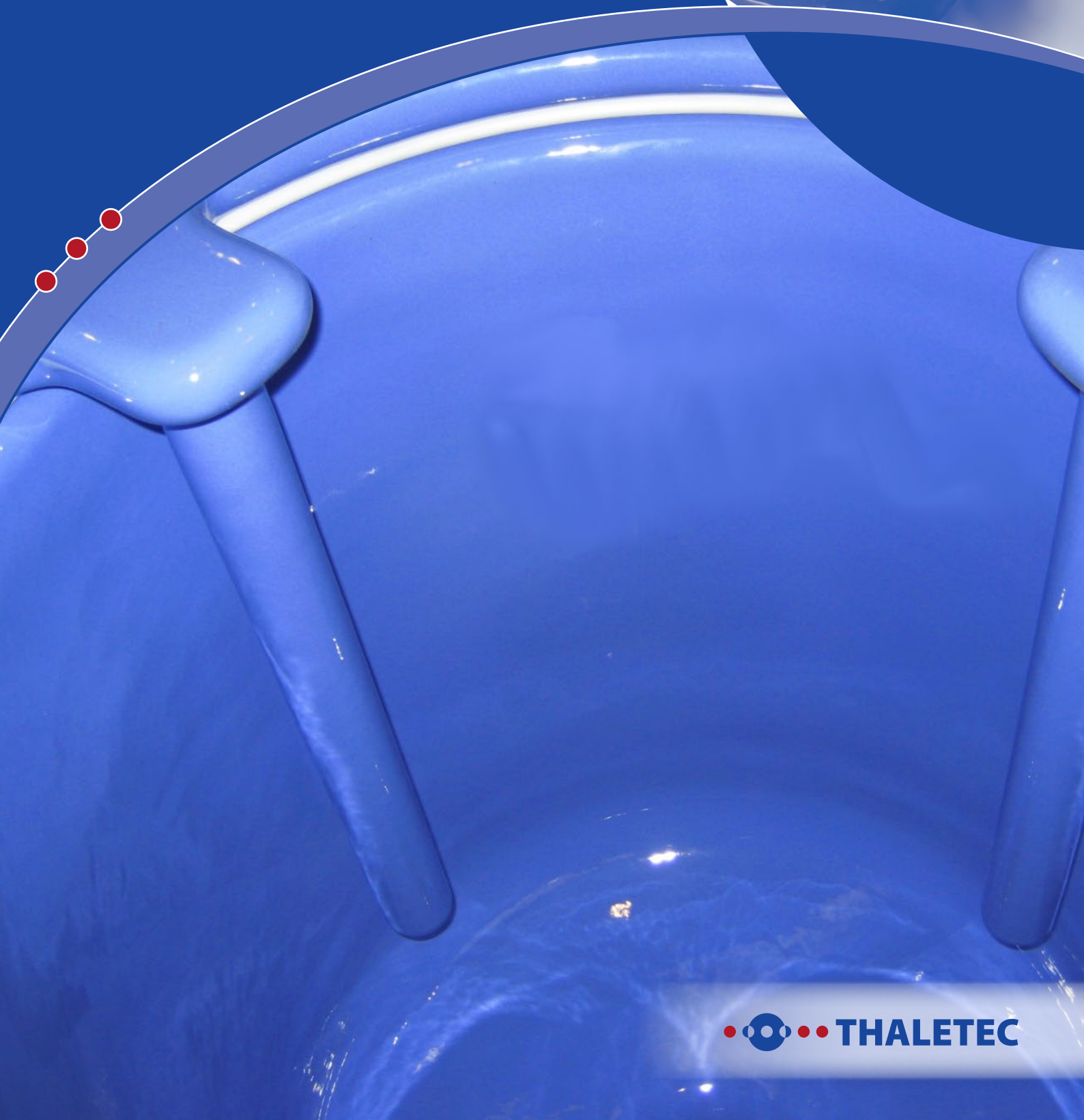


THALETEC

RingBaffle



Description

Type AE glass-lined reactors (Flyer K004 [↗](#)) are usually used for stirring volumes of up to 1,000 l. Such vessels are correspondingly small. This naturally limits the number of nozzles that can be fitted to the top cover.

For an optimal stirring process in such small-volume vessels, it is important to ensure not only the right stirring device but also sufficient reinforcement with the help of baffles.

The **THALETEC RingBaffle** is a ring-shaped component which is inserted between the main flange of the glass-lined vessel and the flange of the vessel cover and braced with clamp bolts.

The THALETEC Ringbaffle solves three problems:

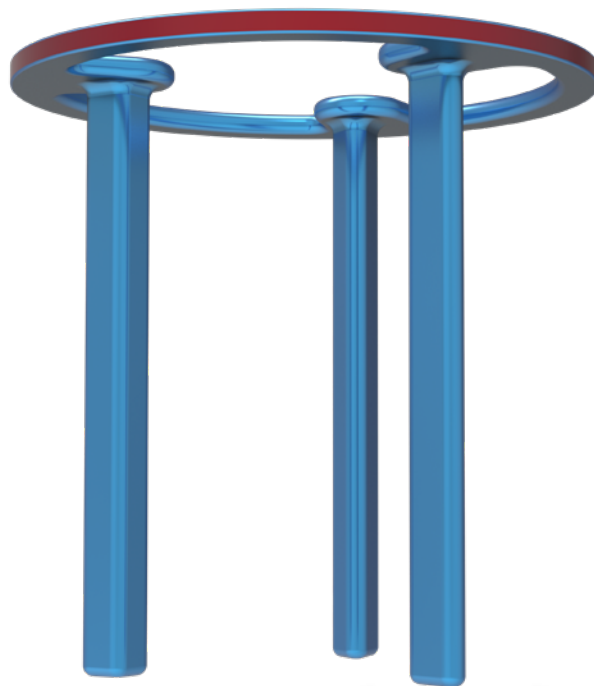
- At least one nozzle on the upper bottom of the vessel is additionally available as a process connection, because this is no longer occupied by a baffle
- Up to three baffles can be installed inside the vessel without the need for additional vessel openings.
- Measurement of the vessel temperature at the lowest possible point is possible with the aid of one or more THALETEC QuickTip temperature measuring probes (Flyer K061 [↗](#))

Features

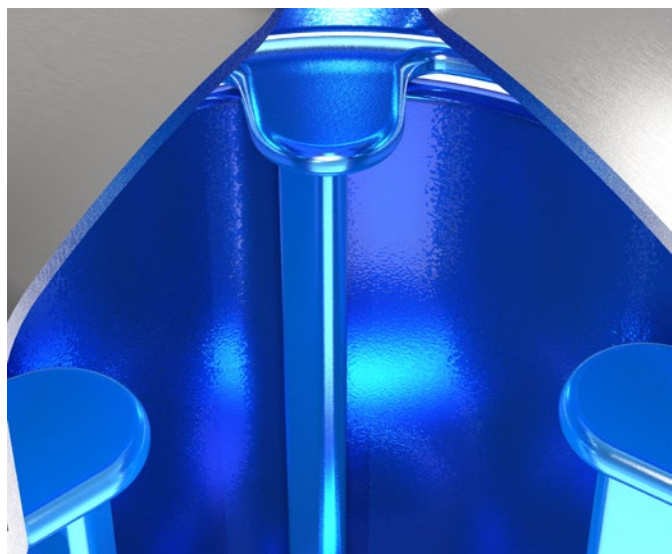
- Available for vessels of type AE from 63 l to 1000 l capacity
- Glasslining according to customer requirements, also with the conductive glass CONDUSIST (Flyer K098 [↗](#))
- Baffle designs according to customer requirements: Beavertail (flattened tube), Delta (triangular flow profile, (Flyer K057 [↗](#))) or according to task requirements
- Temperature measurement can be integrated

Advantages

- The baffle nozzle remains free as process connection
- Can be configured as required and adapted to the stirring task
- Significantly improves the disturbance baffling effect and thus the mixing results
- Enables optimum stirring results even with small vessels
- Good basis for scaling up processes
- Also in combination with Surface Gassing System THALETEC Segtec (Flyer K054 [↗](#))



1 RingBaffle with three DeltaBaffles



2 Baffle connection to the flange ring – top view



3 Baffle connection to the flange ring – Bottom view

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