THALETEC Baffle Selection Chart
The Path to the right Baffle

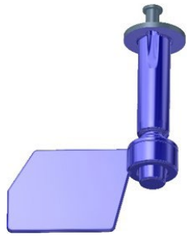
THALETEC

Start

Surface Gassing Process?
General gas dispersion process
Mixing in floating solids?

yes → Add SegTec Baffle for gas recirculation or mixing in of floating solids

no ↓



SegTec Baffle (K054)
- Surface Gassing
- Dragdown of floating particles
- Defoaming

Temperature measurement required?

yes → Redundant Temperature Measurement?

no → Add QuickTip and FlexSens temperature Probe

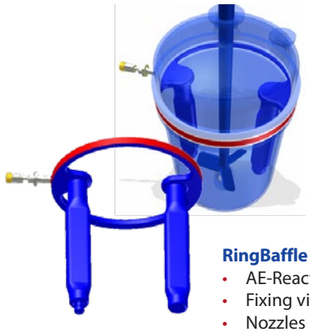
QuickTip (K061)
- Fast Temperature probe

yes → Add QuickTip TANDEM and FlexSens temperature Probe

no ↓

Open Top Reactor Design (DIN AE Design)

yes → RingBaffle (K167)



- AE-Reactors
- Fixing via main flange
- Nozzles remain free
- Can be combined with SegTec and/or DeltaBaffle and/or temperature probe

no ↓

Reduction of Heating/ Cooling time desired?

yes → QuickTip Tandem or Triple (K114)
- Fast Temperature probe

PowerBaffle (K018)
- Heat Exchanger
- Baffle
- Temperature probe

Premiumnozzle
- Nozzle DN25-DN50 on main flange of baffle
- Installation of sensors, feeding of liquids, interization etc. and/or temperature probe

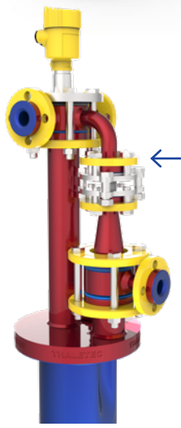
Feed liquid/gas onto liquid's surface?

Add PremiumNozzle

Feed gas/liquid close to agitator, take samples?

yes → Integrated Solution required?

yes →



HexaTube (K154)
- Baffle
- Temperature probe
- Dip pipe
- Inlet nozzle
- Level measurement
- CIP-Connection

no →

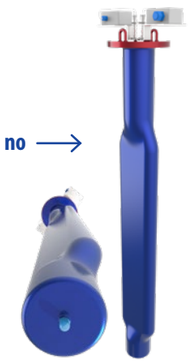
MultiTube/PremiumTube (K021, S013)
- Beavertail
- Dip pipe
- Optional with Temperature probe

no → Improve mixing Process by approx. 15%

yes →

DeltaBaffle/DeltaBaffle Premium (K057, S013)
- Delta-Baffle (up to + 15 % power input)
- Inlet nozzle
- Optional with Temperature probe

no →



StandardBaffle (K020, S013)
- Beavertail
- Optional with Temperature probe

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