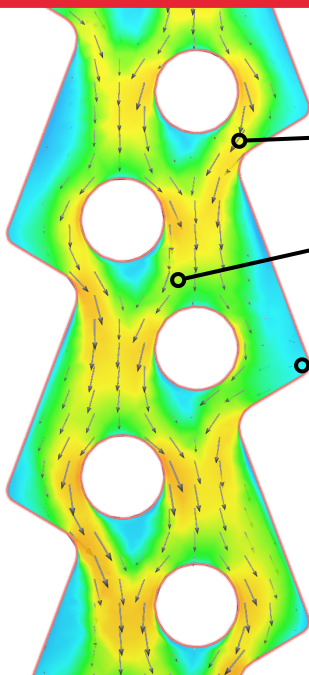


Optimized reactor geometry



- multiple high dose area bypasses for all particles
- efficient mixing of ballast water
- low pressure loss over the reactor
- minimized low dose areas even in high UVT waters
- efficient treatment in waters down to 45% UVT
- full flow rate treatment down to 56% UVT
- no discharge retention time required in IMO waters
- option for one way treatment (pending)