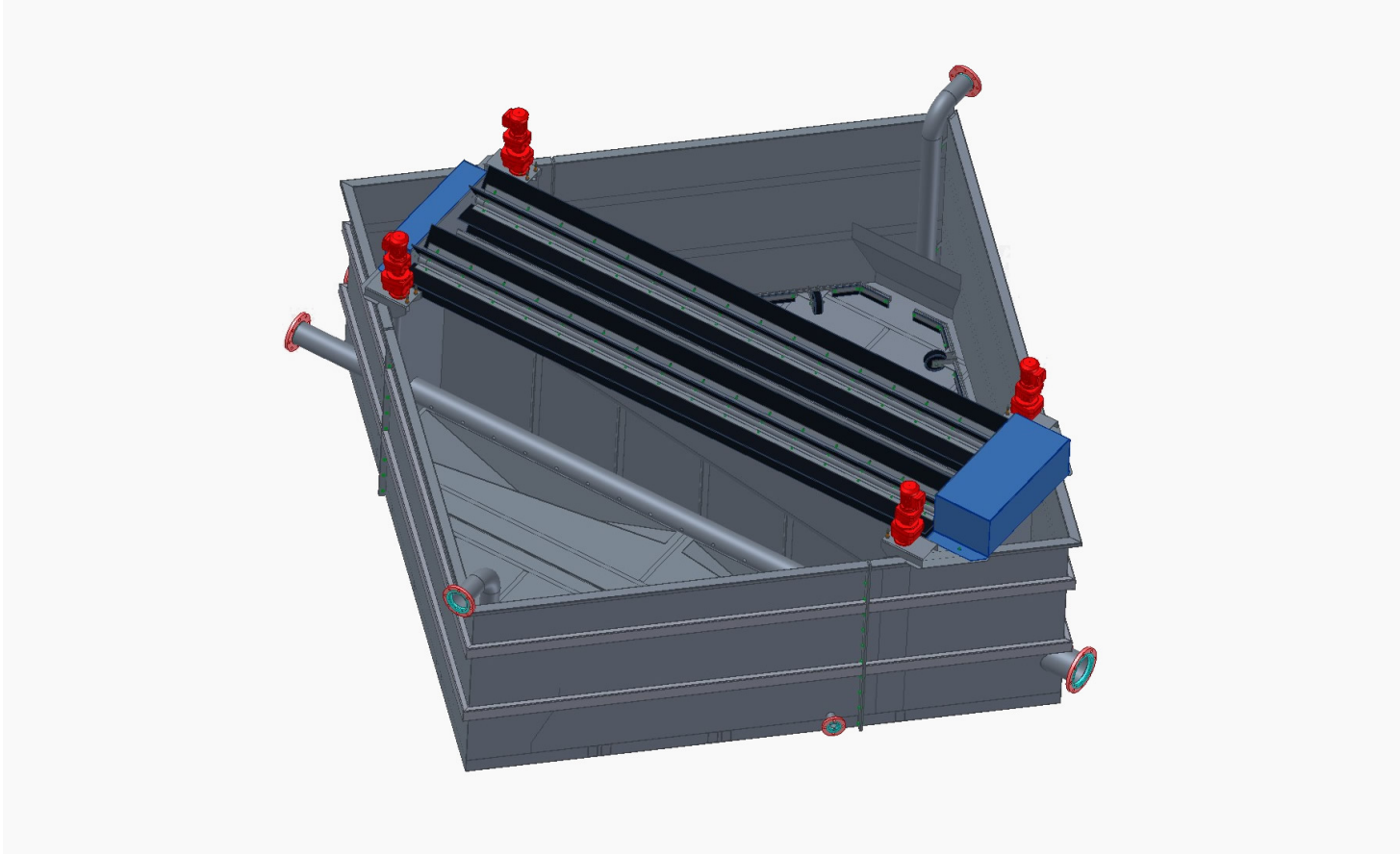
QUADRAFLOAT – Compact DAF Clarifier



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QUADRAFLOAT Compact DAF Clarifier

Technology

The QUADRAFLOAT Compact DAF Clarifier is an effective simplistic “all in One” Dissolved Air Flotation system, for smaller flows, which features a square tank with central sludge paddles and opposite corner inlets, which provide decreasing flow velocity in 2 separate floatation chambers, and so with optimal floatation and separation efficiency on smallest footprint / installation space.
The clarifier can be as well operated with 2 different inlet flows in the right and left chamber (Twin Application DAF)
A further feature is to operate the QUADRAFLOAT Compact DAF with a single inlet flow which can be split on the two chambers or treated in cascade (2 Stage DAF Application) meaning flotation first in chamber 1 and then in chamber 2 e.g. with different coagulation / flocculation chemicals.

Features

- Compact Square “all in One” Dissolved Air Flotation system pre-installed ready for operation
- Operation with 2 different inlets flows in the right and left chamber (Twin Application DAF)
- Operation with single inlet flow,
  - which can be split on the two chambers
  - or treated in cascade (2 Stage DAF Application) meaning flotation first in chamber 1 and then in chamber 2 e.g. with different coagulation / flocculation chemicals
- Universal Dissolving System, Pump with Air Injector or self-suction “Disperse Bubble Mixer as Air Dissolving Technology

Why to buy

- Compact pre-installed highly cost effective easy to install Dissolved Air Flotation clarifier in space saving square design to be executed in concrete or steel
- Extremely flexible DAF operation for 1 or 2 streams to be clarified in Twin Application DAF or 2 Stage DAF Application cascade mode
- Unique design with square tank, with central sludge paddles and opposite corner inlets, which provide decreasing flow velocity in 2 separate floatation chambers, and so with optimal floatation and separation efficiency on smallest footprint / installation space.





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Typical & Proven Process

- Water Clarification applications for Paper and other Industries.
- Filtrate and loop clarification for Internal Water reuse
- Closing of water loops and reduction of freshwater consumption
- Clarification of primary and secondary mill effluent
- Other industrial applications for food, oil, or chemical industry- please ask for details

See the following Products as well

- Universal Dissolving System
- Circular Sedimentation Tank
- Tauro TAL
- Elephant
- Dinoscreen
- LimeTrap
- DeltaPurge
- Vulcano
- GyroSand

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