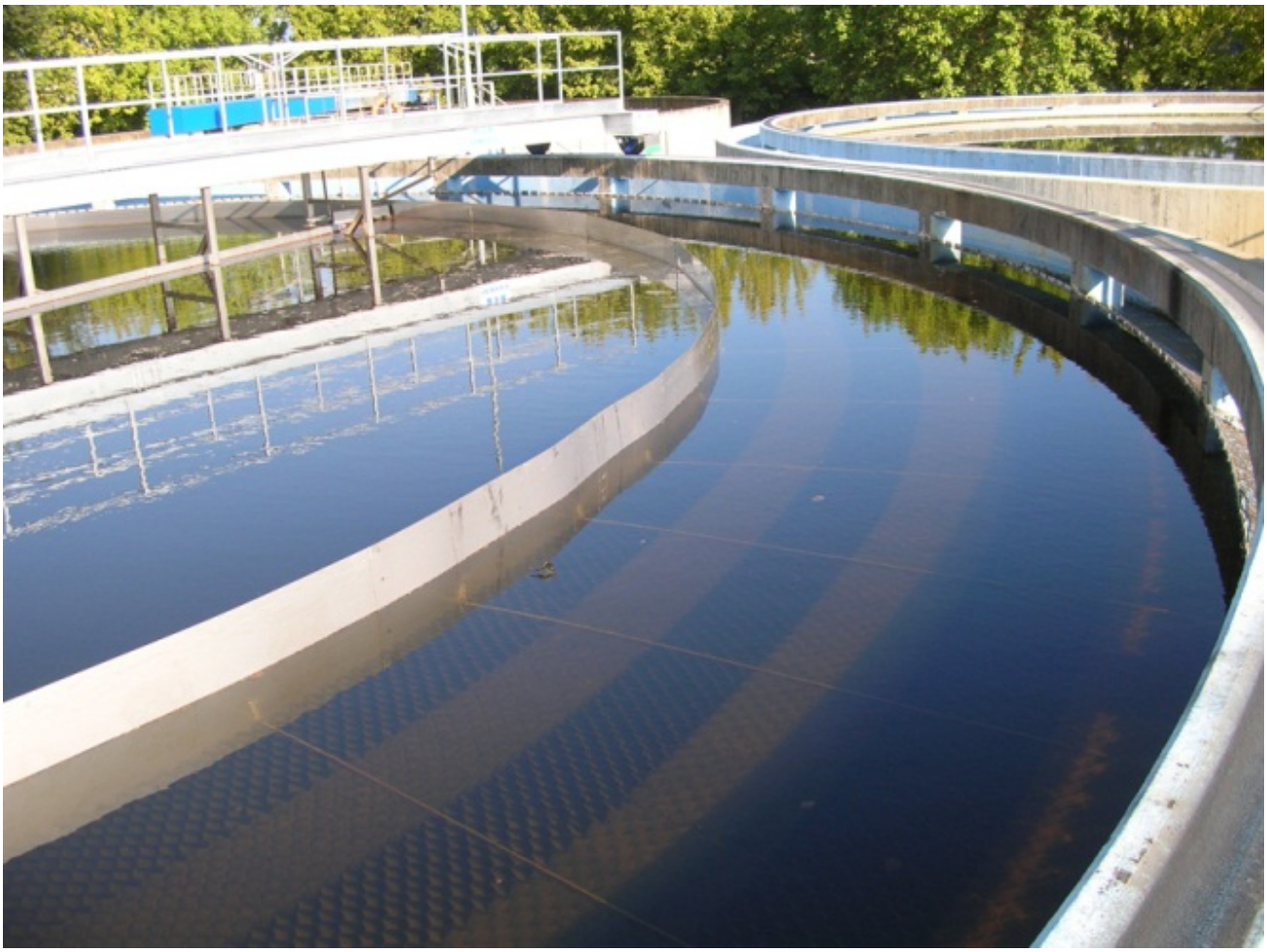
Product Info

TUBEdek® Lamella Clarifiers for Round Tanks



GEA 2H Water Technologies‘ concepts combine the advantages of the parallel plate separator technology with those of round sedimentation tanks.

TUBEdek® lamella clarifiers present the ideal solution for round tanks which are overloaded and where there is no room for expansion. TUBEdek® lamella separators increase the plant capacity by enlarging the sedimentation area considerably.

Depending on the application there are different possibilities to install lamella clarifiers in round tanks.

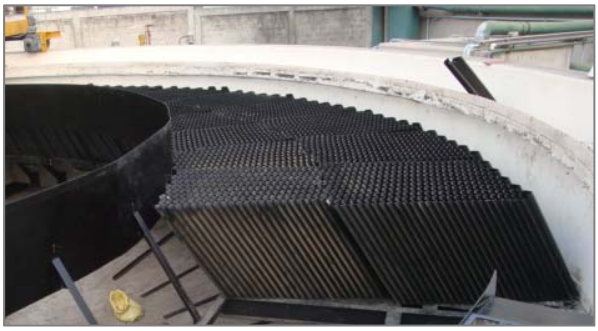
Tank diameter 5-20 m – Installation in an outer ring

Tangential configuration



TUBEdek® lamella clarifiers can be installed tangentially in a ring at the outer rim of the tank. For this configuration, the width of the ring may not exceed 3 m and the inner diameter of the tank has to be larger than 12 m.

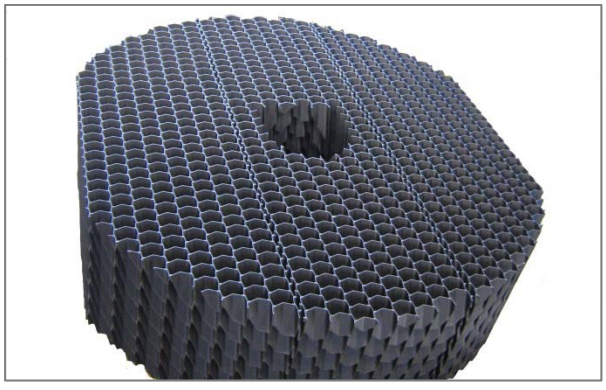
Radial configuration



For higher sludge loads and smaller inner diameters we recommend installing the TUBEdek® modules radially. This can be done by cutting the modules into segments like pieces of a cake. The form of the edge profiles allows for an installation without dead ends.

Tank diameter smaller than 10 m

Parallel configuration



For smaller tanks the configuration which suits most is to position the TUBEdek® clarifiers parallel and cut the outside modules to adjust to the circular form of the tank. A simple cut out enables the installation of a centrally driven scraper.

This information has been put together with greatest care. Nevertheless we reserve the right to make changes at any time without notice. We recommend to check at GEA 2H whether this information is still fully valid, before using it for final designs. GEA 2H takes no liability when superseded versions of this information are used.

GEA Heat Exchangers

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Rev.0 – April 2012