

flotators cladaf

by Claber

The CLADAF flotator

CLADAF is the result of decades of engineering experience, careful work, constant improvements, on site and laboratory tests.

CLADAF's Europe-wide installations confirm its extraordinary efficiency and great reliability.

We have reached an incredibly high fats and suspended solids knock-down, releasing clear water, which is easily treatable in very small-sized biological plants.

The CLADAF technology

The water needing to be treated enters the flotator together with cleared, air-saturated water.

The rapid diffusion of thin bubbles generates a fast rising of fats and suspended solids, which are removed with a moving skimmer.

In order to obtain the best results, a flocculant dosage is often necessary. CLADAF is equipped with an advanced preparation and dosing system.

Important details

CLADAF is realized with absolute attention, with scrupulous choice of materials, accessories, moving parts.

The care for the flock

Water which has to be treated is slowly flocculated, in order to guarantee that the flocks grow undisturbed.

The entrance on flotation tank is distributed on a wide area, so that turbulences are eliminated.

The flotation air is introduced directly on the flotation tank, in order to obtain the best lift effect.

high technology
superior performance



Why flotating

To skim the fats from waste waters

fats, oils, scour, are hardly biodegradable and slow down the water treatment process. CLADAF eliminate them drastically.

To separate water from sludge

Traditional gravity sedimentators require wide places and often don't reach satisfying results. The CLADAF flotator is compact and releases clear water.

For sludge thickening

Cladaf highly reduces the volume of sludges and guarantees great saving on draining costs

The CLADAF range

- Flow rate from 10 to 300 m³/h
- Aisi 304 construction (Aisi 316 on request)
- All controls on-board
- Automatic sediments extraction
- Automatic extraction of flotated, with progressing cavity pumps
- Easy service and maintenance
- Low reagent consumption
- Instantaneous adjustments controls
- Double water level regulation system



For the complete flotation process control, Hydrochem supply flocculants and preparation and dosing machinery.

Hydrochem supply all the products and machinery for waste water treatment:

- bacterial blends
- proteinic nourishments
- activated carbons
- drum screens
- progressing cavity pumps
- dehydration sludge systems
- full plants and revampings



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