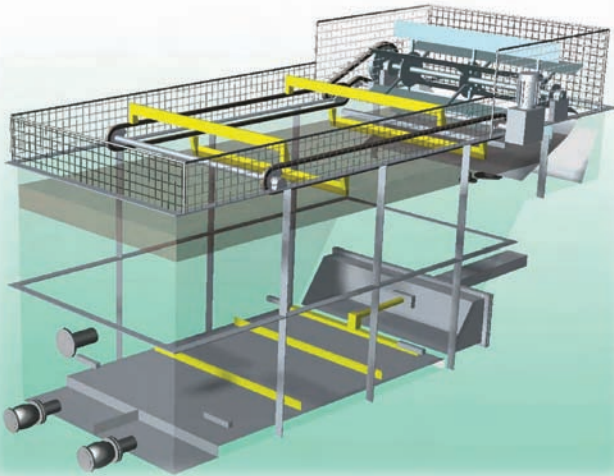




# Unicell™

Horizontal dissolved air flotation (DAF) clarifier  
for highly concentrated effluents



Simple and basic concept  
with strong mechanical components  
provide efficient sludge removal and clarification  
of heavy and fatty effluents.

## Main advantages :

- High retention time and special hydraulic design allows operation without chemicals.
- Very efficient surface and bottom sludge removing systems allows high inlet solids loading and gives high floated sludge consistency.
- Easy to clean.

## Main applications :

- Oil and fats removal without chemical treatment.
- Food industry effluents with high solids concentration.
- Sludge thickening.

The quality of construction, the careful choice of the mechanical equipment and the very conservative sizing make this "low flow" DAF clarifier an "easy to forget" piece of equipment perfectly adapted to small installations.

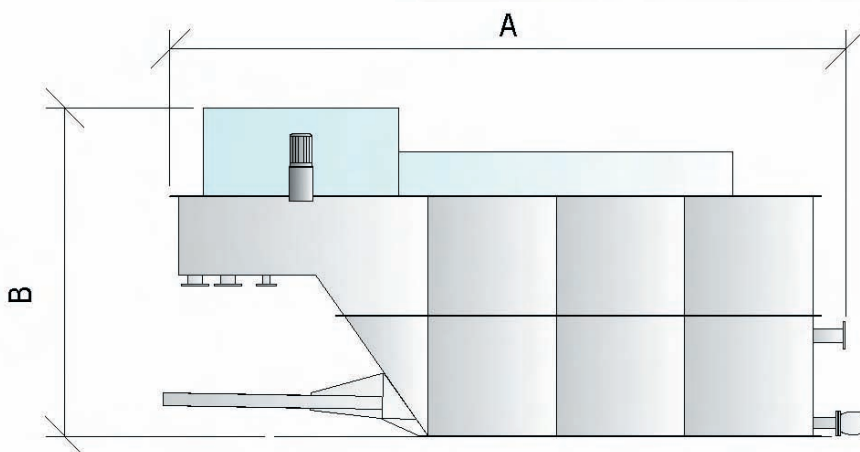
**UNICELL** is available in 10 sizes from 12 to 170 m<sup>3</sup>/h. It can be fabricated with conical or flat bottom.



UNC 50 - Fats removal food industry



UNC 15 - Fats removal food industry



\* The maximum flow includes recycle flow and is dependent on suspended solids loading and the application!

Type	Max. flow (m <sup>3</sup> /h) *	Motor (kW)	A (mm)	B (mm)	C (mm)	Weight tons (full of water)
UNC 10	12	1,1	4400	3000	1400	6,5
UNC 15	18	1,1	4400	3000	1500	7
UNC 20	24	1,1	5300	3000	2000	10,5
UNC 30	36	1,1	5400	3000	2500	12,7
UNC 40	48	1,5	5500	3000	2500	17
UNC 50	60	1,5	6150	3000	2500	22,4
UNC 70	84	1,5	8200	3000	2500	31,8
UNC 90	108	1,5	10200	3000	2500	41,5
UNC 110	132	1,5	10200	3000	3000	52
UNC 140	168	1,5	10200	3000	3350	76

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