TECHNOLOGY REFERENCE

Algae concentration before centrifugation

Microalgae cultivation · Biomass separation

Approximate capacity	Module	Commissioned
114 m³/d	UltraFlux™ V8	2020

01

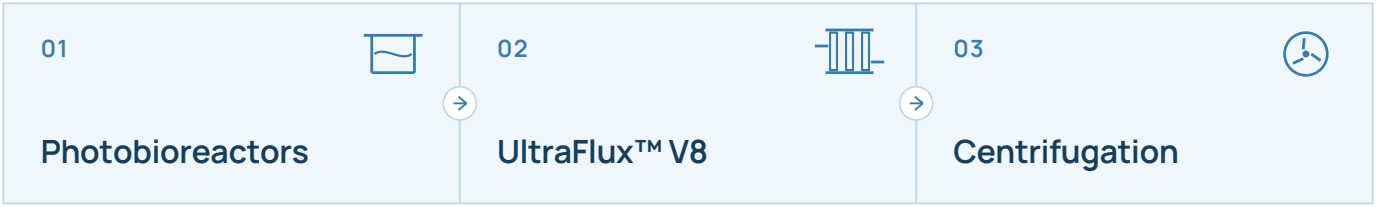
The challenge

Light penetration limits culture density. Feeding the centrifuges with such a dilute suspension extended operating cycles and cleaning time.

02

The solution

An UltraFlux™ V8 unit between the photobioreactors and centrifuges removed part of the culture water, delivering a more concentrated suspension to mechanical separation.

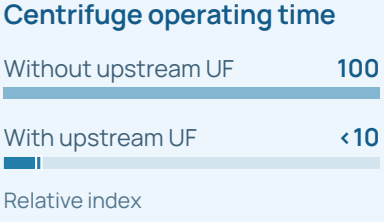


03 / RESULTS

Over 90% less centrifuge operating time

Centrifuge operating time fell by more than 90%. With fewer machines running, operators also spent less time on monitoring and cleaning.

- Fewer centrifuges in service
- Commissioned in one day



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