

### Product Overview

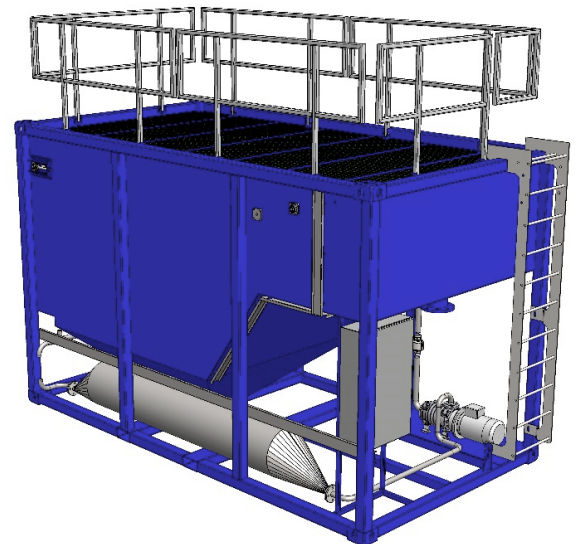
The GAP Dissolved Air Flotation unit is designed to effectively remove suspended solids from water utilising air-saturated water in combination with lamella plate separator technology.

At its core is the specialised whitewater pump, which draws in atmospheric air and dissolves it under pressure to generate micro-fine air bubbles, these are then released into the unit which adhere to particles present in the water and cause them to rise to the surface.

Accumulated solids now buoyant are skimmed off by the automatic sludge scraper system and directed into an internal hopper for extraction. Equipped with an automatically operated solenoid valve, the unit maintains optimal system pressure, ensuring consistent operation.

### Key Features

- **Compact**  
Engineered to maximise performance, providing a highly efficient treatment system with a minimal footprint.
- **Whitewater**  
Air-saturated whitewater created in a specialised multiphase pump and precisely released through the diffuser to maximise bubble interaction.
- **Pressure**  
Automatic solenoid valve connected to control panel maintains saturation vessel pressure and automatically performs a daily flushing cycle to reduce solids build up.
- **Sludge**  
Sludge scraper assembly designed to remove only floating solids to reduce excess water entrainment and minimise sludge handling.
- **Access**  
Our top mounted high-level platform offers convenient access for maintenance and monitoring.
- **Automatic**  
Enjoy hassle-free operation, requiring minimal user intervention allowing you to focus on other critical tasks.
- **Control**  
Easily programmable, intuitive touch-screen interface provides comprehensive functionality and operational customisation.



## Technical Data

### TECHNICAL SPECIFICATIONS

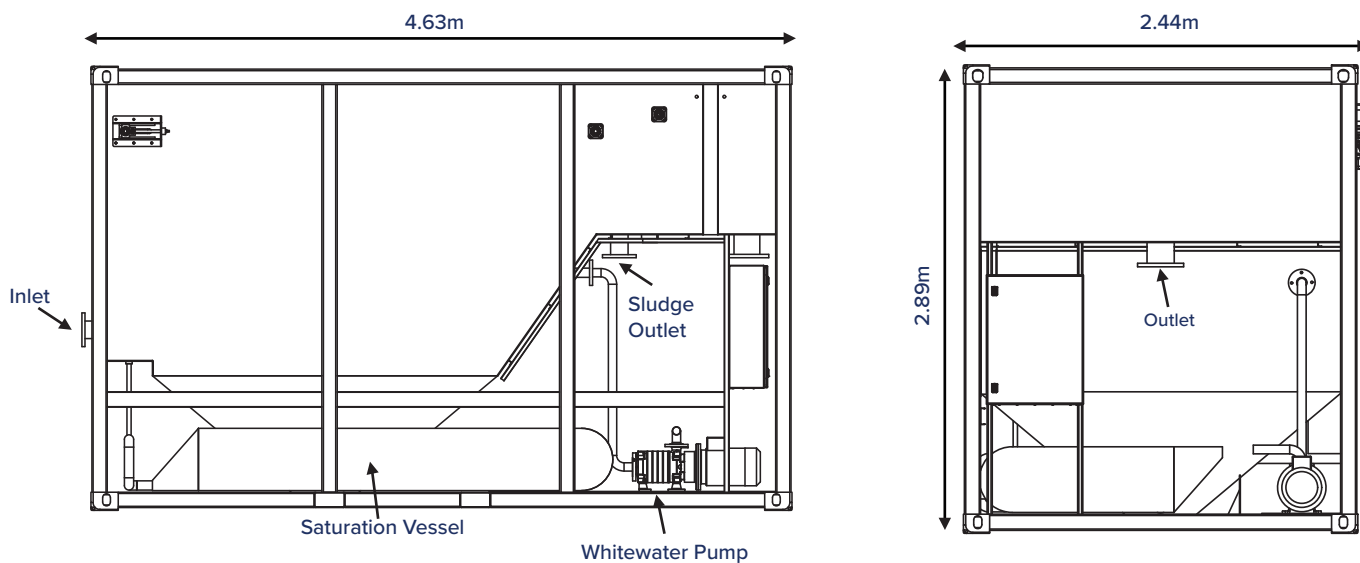
GAP Code	EPDF002
Model	DAF60 Dissolved Air Flotation
Dimensions (L x W x H)	4.63 x 2.44 x 2.89 (meters)
Operating Water Level	2400mm
Empty Weight	5500kg
Operating Weight	18500kg

### PROCESS

Maximum Flowrate	16.6l/s (60m <sup>3</sup> /h)
Saturation Pressure	4 to 6 bar
Removal Efficiency	90-99%
Sludge Hopper Volume	500L

### CONNECTIONS

Inlet Port	2 x 4" Female Bauer
Outlet Port	6" Male Bauer
Sludge Port	2 x 4" Male Bauer
Panel Supply	415V 32A 5-Pin



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MODEL LC60