# Technical Datasheet

## LC60-OWS Oil/Water Separator

**GAP GROUP**
*ENVIRONMENTAL SERVICES*

## Product Overview

The GAP Lamella Clarifier Oil/Water Separator is a compact and highly efficient treatment solution designed to high concentrations of separate free-phase oils from water within an innovative, modular design.

Ideal for temporary treatment, this mobile system ensure rapid deployment and setup, providing a flexible solution for a range of applications.

The units hydraulic design ensures uniform distribution through the closely stacked lamella plate packs to ensure even the smallest oil droplets are captured and skimmed from the surface.

## Key Features

- **Compact**
  Engineered to maximise performance, providing a highly efficient treatment system with a minimal footprint.

- **Modular**
  Designed for rapid deployment and an easy-to-use plug-and-play design, with integrated lifting capabilities for ultimate mobility.

- **Hydraulics**
  Oily water flow path promotes uniform distribution through the lamella plate packs enhancing separation.

- **Lamella**
  Large surface area of over 40m$^2$ within a compact unit provides exceptional performance.

- **Oil & Sludge**
  Oil skimmer positioned at the water surface to remove oil exclusively and sludge hopper to capture and store heavy oils and solids.

- **Robust**
  Constructed with high-quality and durable materials and a durable, UV resistant, two pack epoxy surface protection.

- **Sample**
  Multiple sample points enable quick and easy sampling of treated water and sludge, ensuring efficient process monitoring.
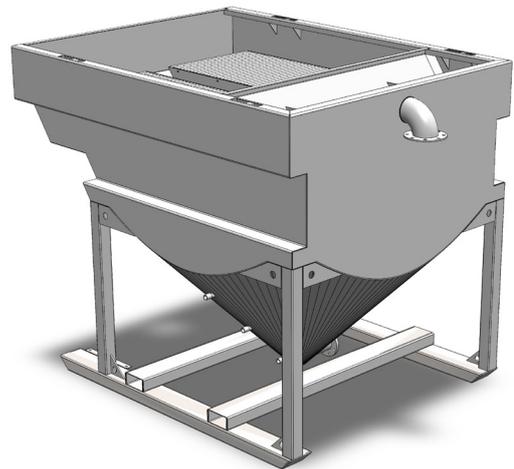
# Technical Data

| TECHNICAL SPECIFICATIONS | |
|---|---|
| GAP Code | EPSS009 |
| Model | LC60-OWS Oil/Water Separator |
| Dimensions (L x W x H) | 2.92 x 2.20 x 2.46 (meters) |
| Operating Water Level | 2325mm |
| Empty Weight | 2400kg |
| Operating Weight | 11500kg |

| PROCESS | |
|---|---|
| Typical Flowrate | 16.6l/s (60m³/h) |
| Maximum Flowrate | 33.3l/s (120m³/h) |
| Settlement Area | 40m² |
| Sludge Capacity | 1500L |

| CONNECTIONS | |
|---|---|
| Inlet Port | 6" Female Bauer |
| Outlet Port | 6" Male Bauer |
| Sludge Port | 4" Male Bauer |
| Oil Port | 2" Male Bauer |
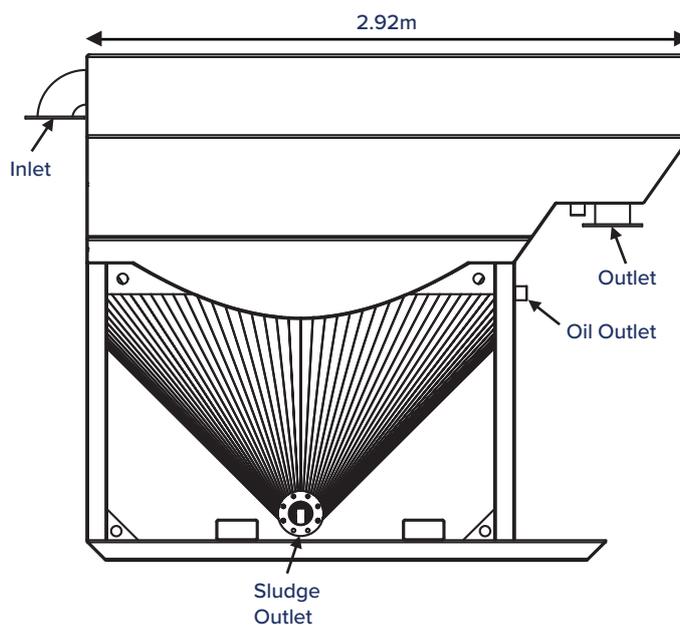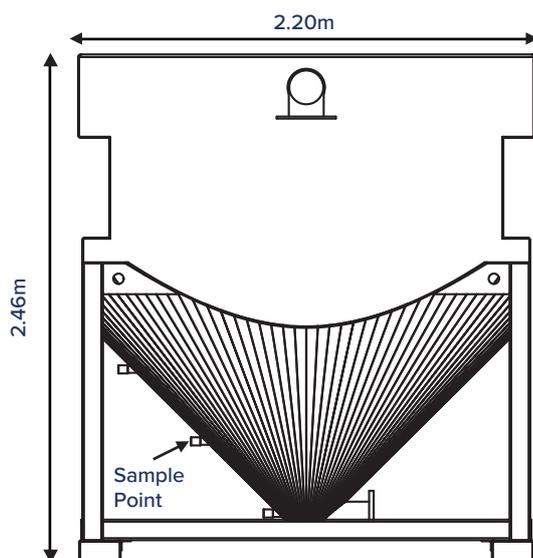


## Scan to view our Environmental Services range