

### Product Overview

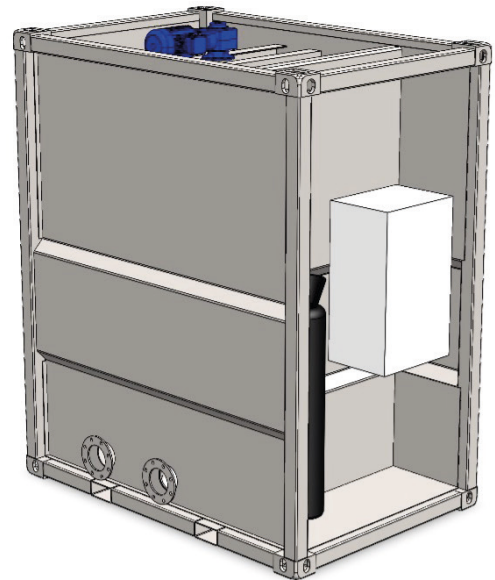
The GAP pH Balancer is an advanced solution specifically designed for the treatment of alkaline water, typically produced from concrete cutting, hydro-demolition, or large-scale concreting operations. When paired with the LC60 Lamella Clarifier, the Balancer first automatically adjusts the pH of the water, while any remaining suspended or precipitated solids are efficiently removed by the LC60 providing a comprehensive treatment solution.

The system offers flexible operation modes:

- **Batch Treatment Mode:** Adjust the pH and manually discharge the water once treatment is complete.
- **Continuous Mode:** An internal riser pipe allows treated water to overflow as new water is pumped into the tank, ensuring seamless and ongoing treatment.

### Key Features

- **Compact**  
Engineered to maximise performance, providing a highly efficient treatment system with a minimal footprint.
- **Modular**  
Designed for rapid deployment, with integrated lifting capabilities for ultimate mobility.
- **Control**  
Featuring a digital pH controller with an adjustable setpoint for precise pH management.
- **Carbon Dioxide**  
Utilises CO<sub>2</sub> vapour from VK size cylinders for safer, cost-effective and more controlled pH adjustment compared to liquid acids.
- **Monitoring**  
System data logging enables operators to monitor recorded pH levels and with an optional inlet flowmeter, track treated flow rates and volumes.
- **Height**  
All routine maintenance is conducted at ground level, minimising risks associated with working at height.
- **Notification**  
Integrated beacon and buzzer alert operators to gas pressures loss or deviations from configured process parameters, ensuring timely intervention.



## Technical Data

### TECHNICAL SPECIFICATIONS

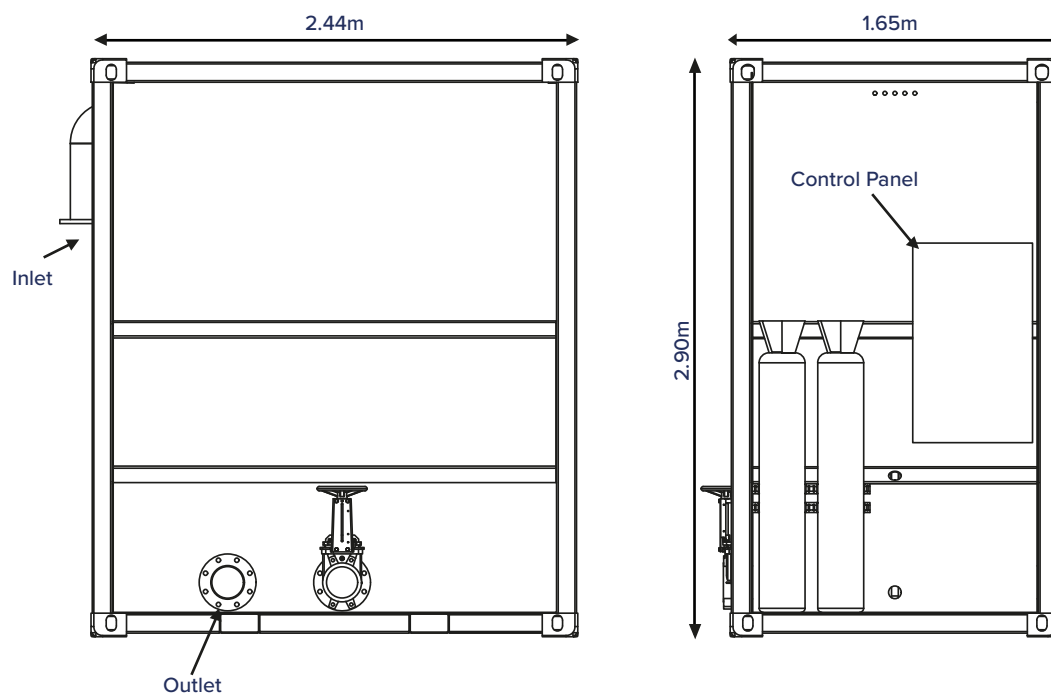
GAP Code	EPSS003
Model	pH Balancer
Dimensions (L x W x H)	1.65 x 2.44 x 2.90 (meters)
Operating Water Level	2070mm
Empty Weight	1750kg
Operating Weight	11500kg

### PROCESS

Maximum Flowrate	5.5l/s (20m <sup>3</sup> /h)
Tank Volume	5700L

### CONNECTIONS

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



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MODEL LC60