

# HYBRID - 16 UNITS

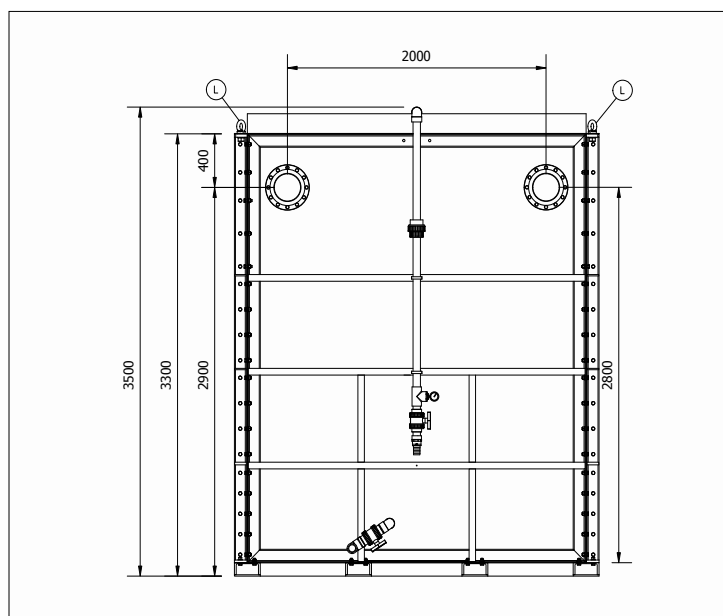
## TECHNICAL DATASHEET

The patented Hybrid-SAF™ process technology delivers more efficiency than a traditional Submerged Aerated Filter (SAF). The above ground modular Hybrid-16 vessels are manufactured in GRP and steel in a quality controlled environment.



## KEY FEATURES:

- **High-rate process**  
(submerged moving-bed, fixed-film reactor)
- **Site footprint requirement 30% smaller**  
(comparable technologies)
- **Energy saving timer – pulse air from the blower(s) into the process**
- **Scalable to accommodate growing populations**
- **Off-site build significantly reduces installation time**
- **No mechanical or electrical moving parts within the cells**
- **Can achieve <0.4mg/l ammonia discharge**
- **Remove phosphorus (P) with additional equipment**
- **Can be configured to provide anoxic conditions for Total 'N'**



Parameter	Value
<b>Length</b>	2820 mm
<b>Width</b>	2820 mm
<b>Height</b>	3500 mm
<b>Weight</b>	<b>Dry:</b> 5,500Kg <b>Wet:</b> 25,000Kg
<b>Foot print</b>	7.95 m <sup>2</sup>
<b>Retention volume</b>	20 m <sup>3</sup>
<b>Active biozone volume (m<sup>3</sup>)</b>	16.15 m <sup>3</sup>
<b>Standards</b>	BS: EN 1321-3:2008 +A1:2010 – BS4994
<b>Lifting point</b>	4 top level lifting points and 2 fork lifting points optional.
<b>Slab tolerance</b>	±5mm

### Disclaimer

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