

# WPL HYBRID - 16 UNITS

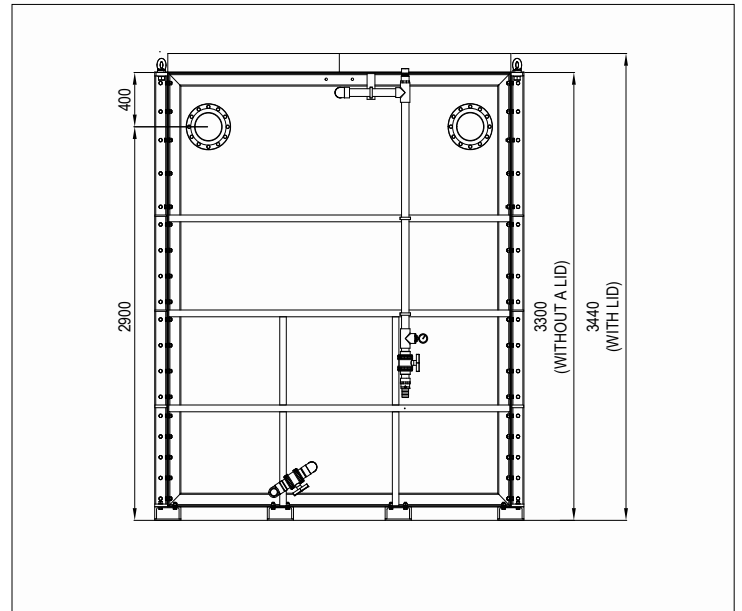
## TECHNICAL DATASHEET

WPL's Hybrid-SAF™ precision engineered modular treatment system delivers more efficient processing than a traditional submerged aerate 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)
- **Achieving <0.4mg/l ammonia discharge**
- **Site footprint requirement 30% smaller**  
(comparable technologies)
- **Energy consumption reduced in line with footprint reduction**
- **Off-site build significantly reduces installation time**
- **Scalable to accommodate growing populations**
- **No mechanical or electrical moving parts within the cells**
- **Can be redeployed if the asset becomes redundant before end-of-life**



Parameter	Value
<b>Length</b>	2820 mm
<b>Width</b>	2820 mm
<b>Height</b>	3300 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>Tank capacity</b>	20 m <sup>3</sup>
<b>Volume of media</b>	16 m <sup>3</sup>
<b>Surface area of media SSA</b>	4960 m <sup>2</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

Disclaimer. WPL Limited has a policy of continual product development and the above information may be subject to change without notice. Errors and omissions excepted. Technical drawings are indicative only.