

WCSEE HYBRID™ T3HP

TECHNICAL DATASHEET

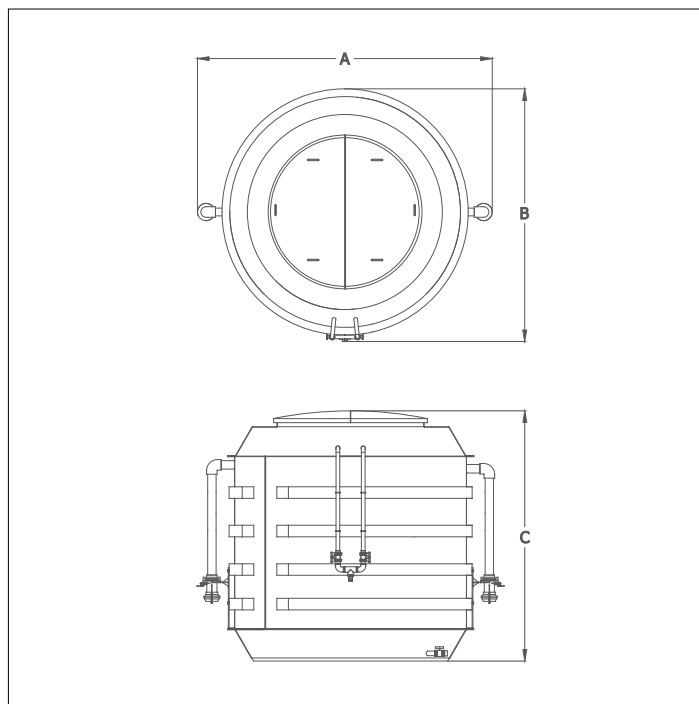
The patented WCSEE Hybrid™ biological treatment process technology employs a submerged moving-bed, fixed-film reactor which treats wastewater with greater energy efficiency than traditional submerged aerated filters (SAFs).

The above or below ground modular T3HP vessels are manufactured in GRP in a quality controlled environment.



KEY FEATURES:

- High-rate process (submerged moving-bed, fixed-film reactor)
- Capable of achieving low ammonia effluent quality
- 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



Model	A Length Mm	B Width Mm	C Height Mm	In/Outlet Size	Inlet Invert Mm	Outlet Invert Mm	Media Retention (M3)	Dry Weight (Te)	Operating Weight (Te)	Dry Weight After Operation (Te)
T3HP	3900	3300	3260	4" BAUER	580	630	11.2	1.3	19	1.5

Disclaimer

WCS Environmental Engineering 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. WCS Environmental Engineering Ltd is a portfolio company of Marlowe PLC.
Updated February 2025