

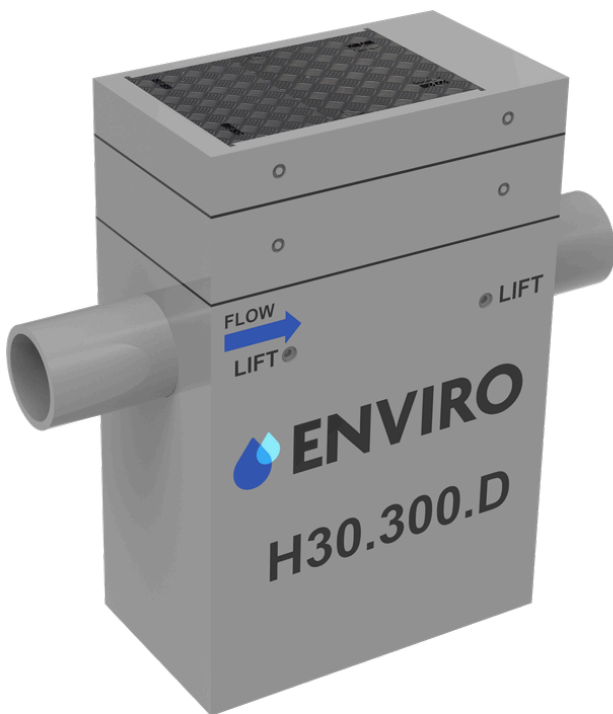


ENVIRO

H SERIES



INDUSTRIAL



- Design service life of **100 years** for fixed parts + 25 years for servicable parts
- Made using 'green concrete' **reducing carbon emission by more than 80%** when compared to other materials
- Internal components manufactured from **high grade stainless steel**, complying with International Corrosion Standards. No welding necessary
- The safest solution with **no confined space entry** required
- Installation is simple and prompt without the need for site closure + with minimal disruption
- Enviro systems are self ballasting + are fully structural

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**GOOD
DESIGN
AWARD®
WINNER**

ENVIRO

H SERIES



Enviro's H Series is the optimal EPS for **high impact** catchments where the likelihood of oil spillage is present and/or downstream sensitive wetlands need to be protected.




Enviro's H Series has a unique **oil/water separator function in accordance to EN858-1 certification**, as well as a stormwater quality improvement device (SQID).

Enviro's 'green concrete' chambers cut carbon emissions by over 80% compared to traditional materials, like fibreglass and are indefinitely recyclable.



"Enviro systems ensure the highest compliance at the lowest cost."

Enviro systems are:

-  45% lower cost to install
-  87% lower cost to maintain
-  77% lower cost to own over 25 years

compared to alternative systems.

(Left) Natural Stormwater (Right) Results after single pass in Enviro H45



Results from full scale testing conducted by the Australian Flow Management Group in 2018 on the Enviro H45 oil/water separator system.

Hydraulic Resistance K Factor = 0.425
Inlet to outlet differential = 25mm

Performance testing verifies pollutant removal rates:

Pollutants Reduction Claim	% Reduction (minimum requirement)	% Reduction (as tested)
Total Suspended Solids (TSS)	85%	90%
Total Phosphorous (TP)	60%	97%
Total Nitrogen (TN)	45%	85%
Total Petroleum Hydrocarbons	99.95%	99.95%
Gross Pollutants	90%	95%

Model	Pipe Size	Treated Flow + Storage Capacity	Plan Dimensions (External length + width)	Depth Below Invert	Mass	Excavation Volume
Enviro H30	Nominally 300mm ID can be used for 375mm ID subject to gradient + velocity	22 litres/sec 0.6 m ³	1.5m x 0.9m	1.2m	3.2 tonnes	3.2 m ³
Enviro H45	450mm ID	66 litres/sec 1.3 m ³	2.2m x 1.2m	1.4m	6.3 tonnes	6.1 m ³
Enviro H60	600mm ID	142 litres/sec 2.0 m ³	2.8m x 1.2m	1.8m	9.9 tonnes	9.3 m ³
Enviro H75	750mm ID	258 litres/sec 7.7 m ³	3.6m x 1.95m	2.2m	16.9 tonnes	16.1 m ³
Enviro H90	Nominally 900mm ID can be used for 1050mm pipe size subject to gradient + velocity	419 litres/sec 8.1 m ³	4.35m x 1.95m	2.0m	19.2 tonnes	18.7 m ³