

WPL Diamond

Compact wastewater treatment plant

SIMPLE, RELIABLE & DISCREET



WPL's Promise

WPL has been at the forefront of wastewater treatment for over 25 years; understanding your need for a high quality, easy to maintain and discreet product.



Simple

Whilst highly innovative, WPL Diamond is simple:

- Our efficient plant has the added advantage of a high quality process which is compact in design, keeping the excavation to a minimum and installation simple, with little disruption.
- Boasting a reduced sludge growth rate due to our highly efficient aeration process which breaks down organic matter and results in longer emptying cycles.



Reliable

We strive to continually improve product design, development and manufacturing processes; this is backed by our commitment to engineering excellence:

- Built in the UK, the robust WPL Diamond comes with 25 years tank warranty and 2 years warranty on the blowers (housed in the kiosk)*.
- Economical to run, with no internal electrical or mechanical moving parts. This means that the wastewater treatment plant requires minimal annual maintenance.
- Our high level of expertise providing wastewater solutions means that we offer all of our customers, from the individual home owner to the large municipal communities, the same robust process that is also environmentally compliant.
- We have a recommended list of independent experts who can install, service and maintain your WPL Diamond.

**YOU WOULDN'T EVEN
KNOW IT'S THERE !**

**Minimal maintenance, odourless
and the flushest lid on the market.**

Discover more at www.wplltd.com

More than 40,000 installations worldwide

Our WPL Diamond small package wastewater treatment plant is suitable for domestic and commercial properties in all ground conditions where mains drainage is unavailable.

Designed not only to give you the highest quality product on the market, but also to provide you with a discreet, efficient and cost-effective solution for the longevity of the plant.

Trusted network

- Our trusted network of independent experts can offer professional advice on project specifications, compliance and guidelines; whilst providing installation, service and maintenance.

Illustration not to scale





Discreet

Installed out of sight and out of mind:

- Our WPL Diamond plant is odourless so you won't even know it's there!*
- Lids are the flushest to the ground, creating perfect integration in to the landscape.



Compliant

Meets the following standards and codes of practice:

- Fully tested, accredited and certified under European Standard BS EN12566-3 2014 approval which allows a CE mark.
- Meets consent standards of 20mg/l BOD; 30mg/l SS; 20mg/l NH₄ as a minimum.
- Meets current Binding Rules legislation for exemption from a permit to discharge by the Environmental Agency.
- Fully compliant with Part H2 UK of building regulations.
- LABC registered.
- Designed using the British Water Code of Practice Flows and Loads, to ensure that the tank is correctly sized.

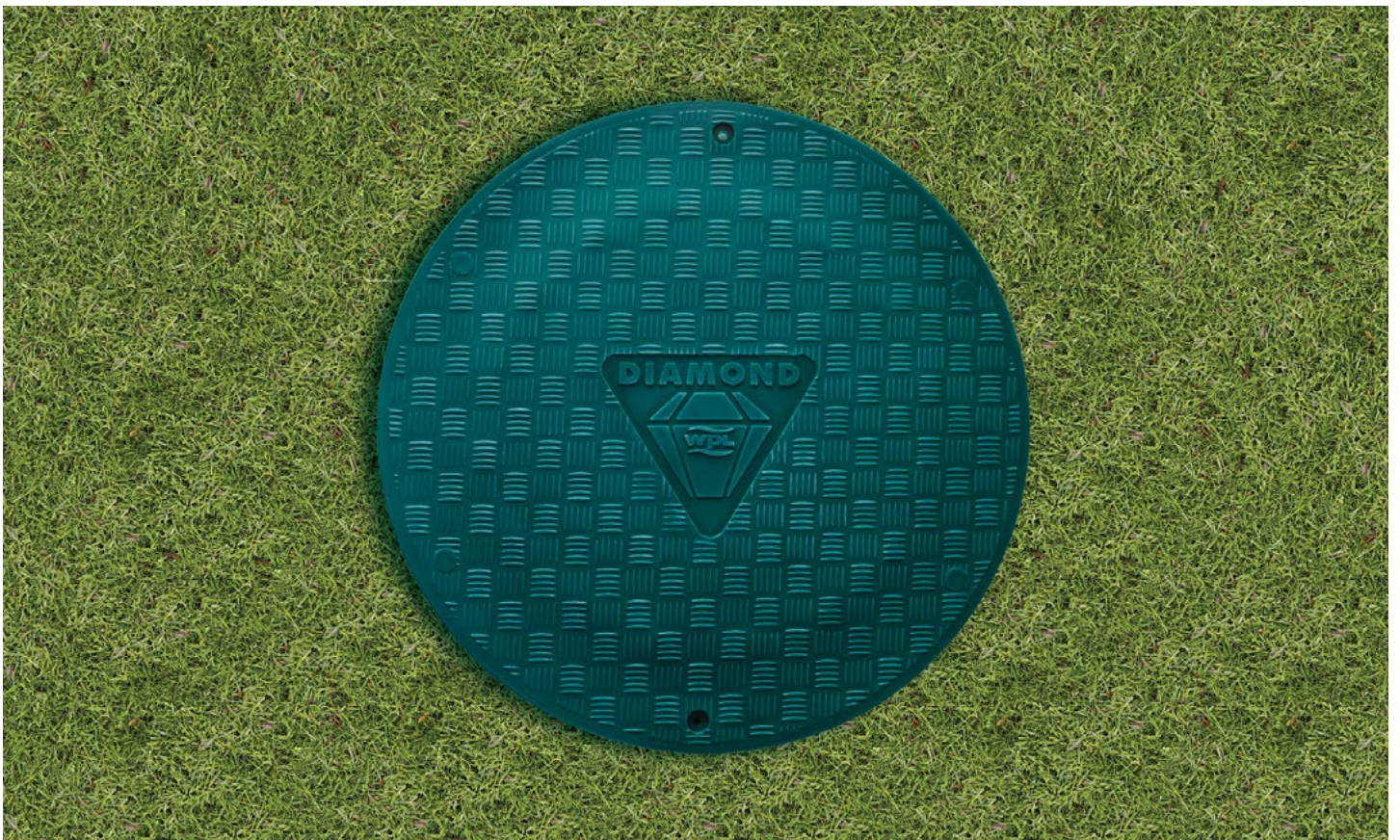


Environmental

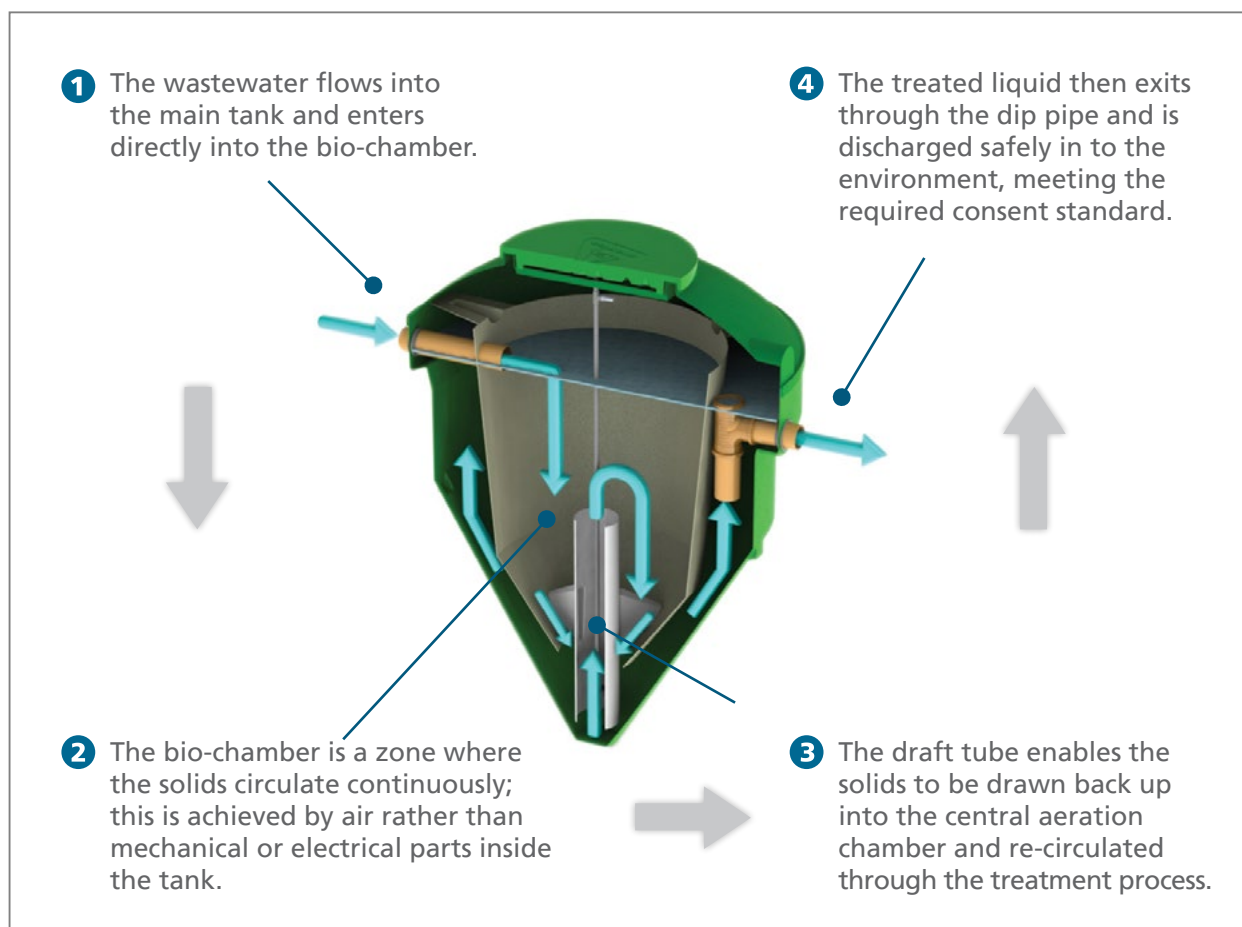
Adheres to environment Agency approved levels:

- Our tank has no need for additional chemicals, helping towards a sustainable future.
- Due to its compact design, the WPL Diamond tank has the smallest footprint size on the market.

*subject to correct installation, consistent influent conditions and regular plant maintenance as per the manufacturers' instructions



Simple and reliable operation



Loadings

Model	DMS2	DMS3	DMS4	DMS5	DMC6	DMC7	DMC8	DMC9
Population range (persons)	1-6	5-11	10-15	14-20	21-27	28-35	36-45	46-55
Blower motor size (kw)*	0.080	0.090	0.160	0.230	0.230	0.221	0.221	0.221
Total power consumption	0.080	0.090	0.160	0.230	0.460	0.663	0.663	0.663

*Actual power consumption may vary (dependent on motor efficiency and nature of installation), size stated is motor size NOT actual power consumption. Blower options available on request.

Dimensions

Model	Max outside diameter (m)	*Inlet invert depth (mm)	Max height/ in ground depth (m)	Weight empty (kg)
DMS2	1.74	630	2.33	155
DMS3	1.96	760	2.59	192
DMS4	1.99	780	2.78	210
DMS5	1.99	780	2.78	210
DMC6	3.30	570	3.35	380
DMC7	3.30	570	3.35	380
DMC8	3.30	580	3.72	460
DMC9	3.30	580	3.72	460

* Deeper inverts can be accommodated with our range of standard invert extensions.
All dimensions +/- 3% tolerance.

Upgrade your septic tank by 2020

From 1st January 2020 (or before if you are selling your property), a septic tank must be upgraded if it is currently discharging to a watercourse.

Unlike traditional septic tanks, modern package wastewater (sewage) treatment plants are designed for today's increased volume of water usage in everyday life. Our WPL Diamond has the added advantage of a high quality process for wastewater treatment, in a compact, single tank which is easy to install and maintain.

The WPL Diamond package wastewater treatment plant has more discharge options and is therefore an ideal replacement.



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Disclaimer

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