

Product Overview

Our high quality, WPL Diamond DMS package wastewater treatment range is ideal for domestic and commercial properties (1 up to 20 population equivalent) without access to mains drainage.

The compact design is completely below ground with the flushest lid on the market; requiring minimal excavation and can be installed in 'wet' or 'dry' ground conditions. The kiosk, with a small footprint and lid opening, comes complete with alarm mounted beacon and reliable blowers as standard. Additional blower options are available on request.

Environmentally compliant; there is no need to add chemicals as the final effluent can be safely discharged in to a soakaway, watercourse or drainage ditch.



Why the WPL Diamond:

- CE mark, EN12566-3 approval
- Effluent standard; as a minimum:
20mg/l BOD; 30mg/l SS; 20mg/l NH3
- Load tested and water tight
- Tank sizes to meet individual requirements
- Part H2 UK building regs compliant
- LABC registered
- Meets General Binding rules
- Designed using British Water Code of Practice Flows & Loads
- ISO 14001, ISO 9001, OHSAS 18001
- Compact design, minimal excavation
- Installed in 'wet' or 'dry' ground conditions
- Flushest lid to the ground
- No moving parts within the tank
- Up to 3 years de-sludge intervals
- No odour
- Alarm beacon included
- No extra costs to mainland UK
- Original WPL Diamond, patent granted
- Robust design, UK manufacture

Dedicated customer service support

At WPL we actively support you as an independent expert; understanding the importance of your choice to either install, maintain or service our original WPL Diamond range. This is backed by dedicated account management tailored to support your business plan.

Technical Information

Model	DMS2	DMS3	DMS4	DMS5
Population range (persons)	1-6	5-11	10-15	14-20
Blower motor size (kw)*single phase rating	0.08	0.09	0.16	0.23

* Actual power consumption may vary dependent on motor efficiency and nature of installation, size stated is the motor size not actual power consumption.

Model	A Max outside diameter (m)	B Height to inlet (m)	C *Inlet invert depth (mm)	D **Height to outlet (m)	E Outlet invert depth (mm)	F Max height/ in ground depth (m)	Weight empty (kg)	Total capacity (ltr)
DMS2	1.74	1.70	630	1.61	720	2.33	155	2270
DMS3	1.96	1.83	760	1.73	860	2.59	192	3030
DMS4	1.99	2.00	780	1.93	850	2.78	210	3975
DMS5	1.99	2.00	780	1.93	850	2.78	210	3975

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

** Diamond units equipped with an EPC have 32mm MDPE pipe outlet and the outlet invert depth is 300mm for all models.

Flexible Options

- External pump chamber option for ease of maintenance or retrofit
- Wide choice of invert extension for different site conditions
- Compact sample chamber for easy sampling of treated wastewater

WPL warranty

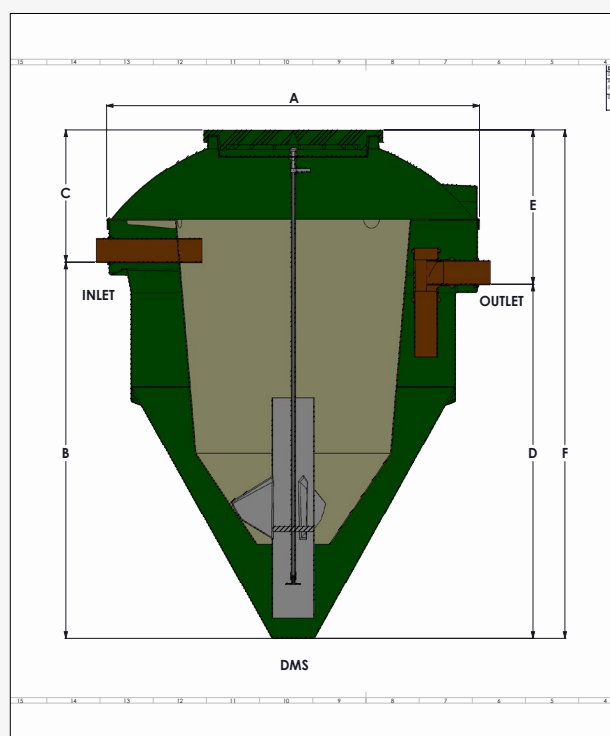
- WPL tank warranty is 25 years
- Air blower warranty is 2 years

Process performance tested, certified and guaranteed subject to consistent influent conditions and regular plant maintenance as per the manufacture's instructions.

Quality standards

Our process engineering expertise is valued by all of our customers; including the highly regulated water utilities right through to individual home owners, each equally as deserving of the highest quality standards.

Indicative Technical Drawing:



About WPL Limited

WPL Limited registered in England & Wales NI 2583411 VAT No. 568 3801 15. WPL Limited has a policy of continual product development and the above information may be subject to change without notice. WPL Limited are fully compliant with the British Water Code of Practice.

WPL Ltd reserve the right to change specifications in line with company policy of improvement through research and development. Errors and omissions excepted. Models shown in this data sheet may include additional cost options that are not part of the standard specification.