SUMP2DRAIN

SURFACE AND FOUL WATER PUMP SOLUTIONS

MARSH

Achilles
UVDB
SILVER PLUS

NBS Source
PARTNER

SpecifiedBy

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BRITAIN
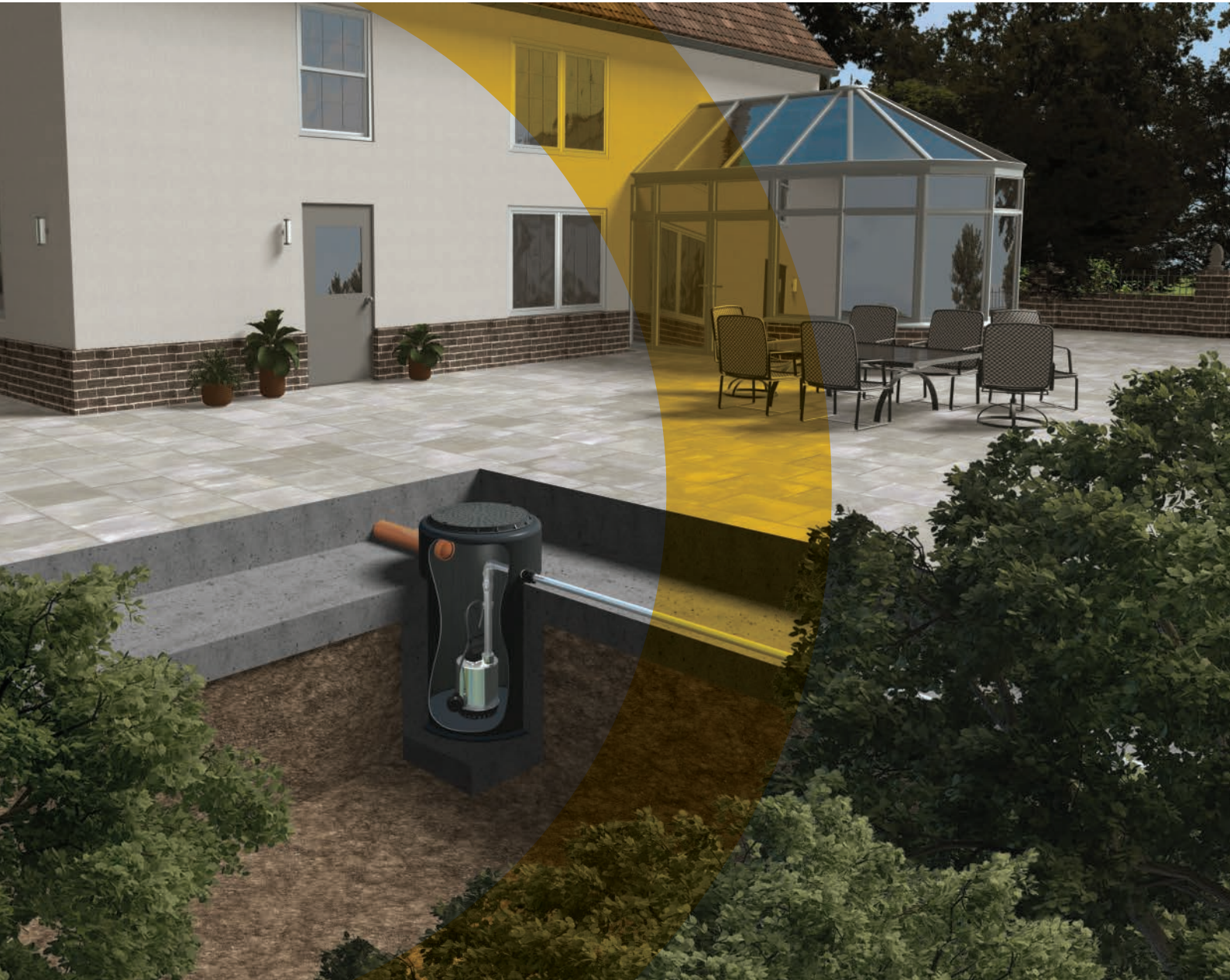
SUMP2DRAIN

Compact Efficient Reliable

Surface and foul water pump stations

Overview

Marsh SUMP2DRAIN pump stations provide a convenient solution when gravity drainage is not feasible on-site. In these situations, waste from the property flows into an underground storage chamber, which is then pumped to the main sewer. These packaged pump stations are versatile, handling both foul water (sewage) and surface water applications.

Each pump station arrives on-site as a complete package, including all internal pipe work and a drainage pump. For added safety, we recommend installing a high-level alarm (available as an optional extra). All systems adhere to BSEN752-6 standards.

Applications

The Marsh 'S' (Surface water) models are capable of handling effluent, surface and ground water. The Marsh190S model can also manage grey water from showers and wash-hand basins, but it is not suitable for foul water from a W.C.

The Marsh 'F' (Foul water) models handle sewage from extensions, garden rooms, small conversions and for pumping sewage to septic tanks, sewage treatment plants or to the mains sewer.

Features

○ **Easy installation**
The Marsh Sump2Drain range is manufactured from high-grade MDPE and is small and compact for easy installation. Unique 'keying-in' lip assists anchoring in concrete.

○ **Versatile applications**
Removes grey water from final effluent in sewage treatment plants, drains, cellars and basements, and handles sinks, showers, kitchens and dishwashers. Handles sewage from extensions, garden rooms, small conversions and for pumping sewage to septic tanks, sewage treatment plants or to the mains sewer.

○ **Reliable storage**
Provides 24-hour pumping capability and adheres to BSEN752-6 standards.

○ **Readily available**
The units are in stock and all necessary components are included. Surface water systems feature a submersible pump with 10mm solid handling pump. Foul water systems offer a submersible pump with 50mm solid handling pump.

Pump options

Marsh uses market-leading submersible pumps throughout its SUMP2DRAIN range to ensure maximum reliability and efficiency with minimal clogging or wear.

High level alarm

A high level alarm monitors the level of water in the pump station. An alarm signal is generated when there is an excessive level of water.

System sizing and specification

For precise sizing and product specification, please contact the Marsh technical team on 01933 654582 or email sales@marshindustries.co.uk

Key

1 Heavy duty MDPE shell
2 450mm access cover
3 Single free-standing pump
4 32mm or 63mm pumped outlet
5 Delivery pipe

Marsh300S-10
Surface water pump station

Marsh190S-6
Surface water pump station

Marsh300F-10
Foul water pump station

Marsh190F-6
Foul water pump station

Specifications

Grinder options also available on request

SURFACE WATER Model	Pump options	Diameter +/-50mm	Depth +/-50mm	Total storage Litres	MDPE outlet ØDia mm	Outlet invert	Power kw
MARSH190S-6	6m Head	600	600	190	32/50	tbc	0.25
MARSH190S-10	10m Head	600	600	190	32/50	tbc	0.55
MARSH300S-6	6m Head	600	1000	300	32/50	tbc	0.25
MARSH300S-10	10m Head	600	1000	300	32/50	tbc	0.55
MARSH440S-6	6m Head	600	1500	440	32/50	tbc	0.25
MARSH440S-10	10m Head	600	1500	440	32/50	tbc	0.55
MARSH590S-6	6m Head	600	2000	590	32/50	tbc	0.25
MARSH590S-10	10m Head	600	2000	590	32/50	tbc	0.55

FOUL WATER Model	Pump options	Diameter +/-50mm	Depth +/-50mm	Total storage Litres	MDPE outlet ØDia mm	Outlet invert	Power kw
MARSH190F-6	6m Head	600	600	190	63	tbc	0.37
MARSH190F-10	10m Head	600	600	190	63	tbc	0.75
MARSH300F-6	6m Head	600	1000	300	63	tbc	0.37
MARSH300F-10	10m Head	600	1000	300	63	tbc	0.75
MARSH440F-6	6m Head	600	1500	440	63	tbc	0.37
MARSH440F-10	10m Head	600	1500	440	63	tbc	0.75
MARSH590F-6	6m Head	600	2000	590	63	tbc	0.37
MARSH590F-10	10m Head	600	2000	590	63	tbc	0.75

Notes:
> The dimensions given on this page are for guidance only
> For precise tank sizes and configurations, please contact Marsh
> All dimensions in mm
> Tank products and configurations shown for illustrative purposes

Why specify Marsh

- Designed to British Standard European Norms:
  - *BSEN12050 for structural strength and water-tightness*
  - *BSEN752 to comply with hydrostatic and electrical requirements*
  - *BSEN752-6 for drain and sewer systems in outside buildings*
- Smooth internal walls and integral pump well improve pump efficiency and eliminates 'dead spots' which can lead to odours and septicity
- Variable invert depths and orientations to suit individual site conditions
- Pre-assembled pipework for fully automatic operation
- Unique 'keying-in' lip assists anchoring into concrete surround

Maintenance packages

SUMP2DRAIN maintenance packages provide peace of mind that your pump and associated equipment will continue to work reliably and effectively, whilst at the same time considerably extending their working-life expectancy.

Pumps covered by Marsh maintenance packages suffer far fewer intermediate breakdowns, making scheduled maintenance an extremely cost-effective safeguard against potential failure.

For details on pump maintenance packages contact 01933 654582 or email sales@marshindustries.co.uk

Advice and guidance

For advice and guidance on choosing the right products for your site please contact Marsh Industries on +44 (0)1933 654582 or email sales@marshindustries.co.uk

> Marsh's experienced and knowledgeable team promptly and accurately interpret our requirements. We put full confidence in Marsh from pricing to completion for all of our project requirements.
>
> *– Client testimonial*

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