

powerflush

MACERATING PUMP



The **Powerflush™** is a fully automatic macerator suitable for pumping waste from a complete bathroom to a higher level when gravity drainage is not possible or economical to install.

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The system is suitable for installing either at the initial building stage or retro fitting to existing buildings and can accept waste connections from a toilet, basin, shower or bidet. The **Powerflush™** incorporates the unique Piranha® cutting system – its razor sharp stainless steel blades act like a pair of rotary scissors to cut up waste items, reducing the chance of a blockage. The Powerflush™ is compact and easy to install, discharging to the right or left.

Installation Guidelines

It is important to note that these instructions are for guidance only. Please refer to the full Installation and Operating Guidelines when specifying / installing the product.

Siting the product

The unit is designed for a direct toilet connection and so should be positioned behind the toilet on a firm level surface, resistant to condensation. It is extremely important to site the **Powerflush™** with access in mind in the event of maintenance being required.

Inlet connections

The **Powerflush™** comes complete with 1 number WC pan connection and 2no. 32/40mm connections for additional appliances. To connect the toilet to the WC connection you must position the toilet in front of the unit and pull the black rubber sealing sleeve directly onto the toilet outflow spigot ensuring as much of the spigot as possible is covered. To connect additional appliances (i.e. basin, shower, bidet etc.) there is a low level inlet on either side of the unit. The inlets are designed to accept 40mm waste pipe, however if you wish to use 32mm waste pipe there are fittings provided to do so.

Discharge connection

The discharge line can be connected to the **Powerflush™** on either the left or the right hand side of the unit. The non-return valve should be connected to the discharge port being used, using the jubilee clips provided. The discharge pipework should be 32mm waste pipe and all joints should be made using solvent cement, under no circumstances should push fit or compression fittings be used. The **Powerflush™** is designed for one lift only and the vertical lift should be within 500mm of the unit. **IMPORTANT** – It is recommended that there are no bends in the vertical lift, however if this is unavoidable a minimum of slow radius bends may be used.

Electrical connection

A qualified person in accordance with the Institute Of Electrical Engineers Regulations should connect the unit to the appropriate mains supply taking into account all the electrical information provided.

IMPORTANT – All pump systems must be used with an appropriate motor rated protection device.

Maintenance

It is recommended that the **Powerflush™** be flushed through every two weeks using standard domestic bleaches, WC cleansers, etc. **IMPORTANT** – The following items must not be disposed of into the **Powerflush™**:

- Cotton Wool Buds,
- Baby Wipes,
- Any hard objects, i.e. wood, metals, plastics etc.,
- Any fibrous materials such as cloths, rags etc.,
- Or similar.

Health & safety

As with all site work, the danger of working with water and electricity can pose a severe threat to health if obvious and fundamental precautions are not taken. Therefore if you are in any doubt regarding the installation, please contact us. All site work must be undertaken by qualified personnel only. These notes are for guidance only and it is for the installer to ensure the installation is in accordance with all structural and regulatory requirements.

Specification

Model	Powerflush™
Power Supply	230V AC
Rated Current	4.7A
Motor Rating	1100W
Frequency	50Hz
Revolutions per Minute	2900rpm
Max. Vertical Output	7m
Max. Horizontal Output	50m
Horizontal Fall	1:200
Max. Flow Rate	96L/m
Max. Liquid Temp.	<60°C intermittent
Discharge Size	32mm
Cable Length	2m
Weight	9kg
Colour	White

Dimensions

Model	Length	Width	Height
Powerflush™	414mm	197mm	287mm

The Company reserves the right to make any alterations in the interest of technical development.



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