



INSTALLATION

- ✓ Above ground
- ✓ New build
- ✓ Retro-fit

APPLICATION

- ✓ Domestic
- ✓ Commercial

POWER SUPPLY

- Single phase
- Three phase

NO. OF PUMPS

- Single pump

CONTROL EQUIPMENT

- Control panel

PUMP CONFIGURATION

- Free standing

INTERNAL PIPEWORK

- High pressure plastic

The PowerMaster is a fully automatic small bore macerating floor mounted pumping station suitable for pumping both foul and waste water to a higher level when gravity drainage is not possible and/or economical to install.

The system is suitable for installing either at the initial building stage or retro fitting to existing buildings and can accept waste from a bathroom, changing room, commercial premises or similar.

The system consists of a polyethylene tank, control panel with an automatic macerating pump.

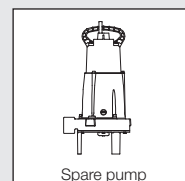
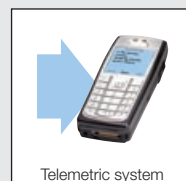
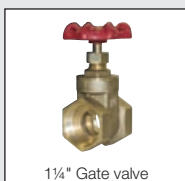
The PowerMaster is easy to install, as there are a number of inlets at varying levels/sizes available (inlets to be cut onsite).

MODELS

PowerMaster

Single pump macerator.

ACCESSORIES



TECHNICAL SPECIFICATIONS

Model PowerMaster	
Single phase	
Power Supply	230V AC
Rated Current	8.2A
Motor Rating	1300W
Frequency	50Hz
Revolutions Per Minute	2925rpm
Max. Vertical Output	23m
Max. Horizontal Output	260m
Max. Flow Rate	150l/m
Weight	58kg
Three phase	
Power Supply	400V AC
Rated Current	4.0A
Motor Rating	1700W
Frequency	50Hz
Revolutions Per Minute	2800rpm
Max. Vertical Output	31m
Max. Horizontal Output	350m
Max. Flow Rate	150l/m
Weight	58kg
Max. Liquid Temperature	<40°C
Discharge Size	1¼"
Cable Length	4m
Colour	White

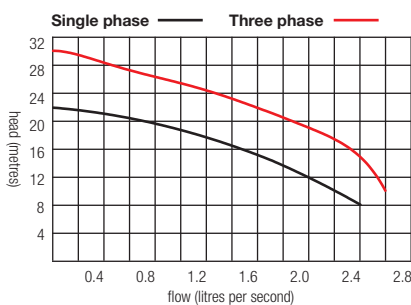
DIMENSIONS

Model	Length	Width	Height
PowerMaster	875mm	570mm	485mm

CONTROL PANEL DIMENSIONS

Model	Height	Width	Depth
Twin pump	340mm	340mm	150mm

PUMP CURVE



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

INSTALLATION GUIDELINES

IMPORTANT. These instructions are for guidance only. Please refer to the full Installation and Operating Guidelines when specifying / installing the product.

Siting the product

The PowerMaster should be positioned on a firm level surface, resistant to condensation. The unit must be located lower than the outflow of the appliances served so as to provide a gravity fall into the unit.

It is extremely important to site the PowerMaster with access in mind in the event of maintenance being required.

Inlet connections

The PowerMaster comes with a variety of pre-moulded inlets to accept incoming pipework ranging from 40mm to 100mm. To utilise the inlets you must open up the moulded inlet by sawing the end off, leaving enough of the mould to act as a support area for a push-on sleeve. The incoming pipework must then be pushed into the push on sleeve and fixed securely in place using an appropriate jubilee clip.

Discharge connection

The discharge line of the PowerMaster should be 1¼" PVC Class E pressure pipe. To connect to the discharge line an appropriately sized Gate valve (not supplied, see accessories) must be fixed directly on the discharge point located on the side of the pump.

The PowerMaster is designed for one lift only and the vertical lift should be made before any horizontal run.

IMPORTANT It is recommended that there are no bends in the vertical lift, however should this be 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

The PowerMaster requires minimal maintenance. It is advised that the unit is visually inspected and its functioning checked monthly. Also the unit should be rinsed through with warm water and a minimum of bleach or other appropriate cleaning product every 2–3 weeks to assist in breaking down any solids that may accumulate within the chamber.

NOTE It is recommended that a service agreement be taken out with a technically qualified company.

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.

Visit www.edincare.com for full technical drawings

1 YEAR ONE-YEAR GUARANTEE
Terms and conditions apply.

SERVICE AGREEMENTS
See page 6.

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