

**INSTALLATION**

- ✓ Below ground
- ✓ New build
- ✓ Retro-fit

APPLICATION

- ✓ Domestic
- ✓ Commercial

ACCESS COVER

- Pedestrian Duty

POWER SUPPLY

- Single Phase

NO. OF PUMPS

- Single Pump

PUMP CONFIGURATION

- Free Standing

INTERNAL PIPEWORK

- High Pressure Plastic

The MagnaStandard is a fully automatic small bore pumping station suitable for pumping foul, storm or surface 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, kitchen, basement, changing room or similar.

The system consists of a polyethylene tank, locking access cover, internal pipework and fittings with an automatic vortex submersible pump.

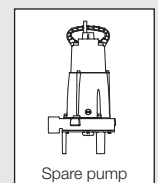
The MagnaStandard is easy to install as inlets can be positioned to your requirements (inlet information to be supplied at time of order).

MODELS**Magna150Standard**

150 litre storage capacity.

Magna200Standard

200 litre storage capacity.

ACCESSORIES

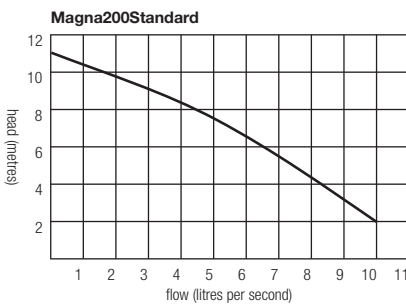
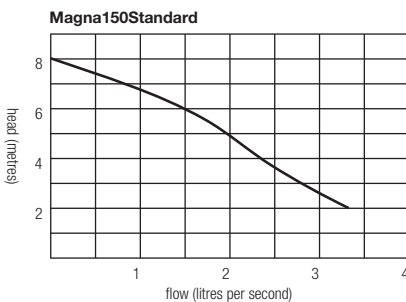
TECHNICAL SPECIFICATIONS

Model	150Standard	200Standard
Power Supply	230V AC	230V AC
Rated Current	1.9A	7.3A
Motor Rating	250W	1100W
Frequency	50Hz	50Hz
Revolutions Per Minute	3000rpm	2800rpm
Max. Vertical Output	8m	11m
Max. Horizontal Output	70m	100m
Max. Flow Rate	180l/m	600l/m
Max. Liquid Temperature	<40°C	<40°C
Discharge Size	50mm OD	63mm OD
Cable Length	10m	10m
Weight	40kg	45kg
Colour	White	White

TANK DIMENSIONS

Model	Length	Width	Height
Magna150Standard	700mm	550mm	550mm
Magna200Standard	700mm	550mm	900mm

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 MagnaStandard is designed to be installed below ground level and so the prevailing ground conditions must be considered prior to locating the unit. Where possible, installation of a pumping station in a roadway should be avoided due to the need for periodic maintenance of the pump contained therein. If the location is adjacent to a roadway, the installation method should take into account the imposed loads likely to be transmitted to the tank by traffic etc. The MagnaStandard should be positioned in a sump with a firm level base and of sufficient dimensions to allow for a concrete surround.

Inlet connection

The MagnaStandard comes complete with a 110mm rubber connector located on the side of the tank that will accept 110mm uPVC soil waste pipe. The waste pipe needs to be run with sufficient gradient to allow the waste to gravity drain into the unit and should be pushed firmly into the 110mm rubber connector so as to form a watertight seal around the incoming pipe.

NOTE A 110mm inlet is positioned on the opposite side to the discharge outlet. Should you require a different position / diameter this must be specified at time of order.

Discharge connection

The connection of the discharge line is via the supplied compression adaptor. This connector is designed to accept black MDPE / HDPE pipework of appropriate outer diameter.

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

We recommend that the unit be inspected every three months. The inside of the MagnaStandard unit should be inspected to ensure the floats are clean and free of any build up of materials that may inhibit the operation of the float switch. Also the moving parts of the pump should be checked to ensure that they are moving freely. Hose down the interior of the tank if necessary to remove any build up of solid materials and the bottom of the tank should be checked to make sure there is no debris or materials that could enter the pump and cause irreparable damage.

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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