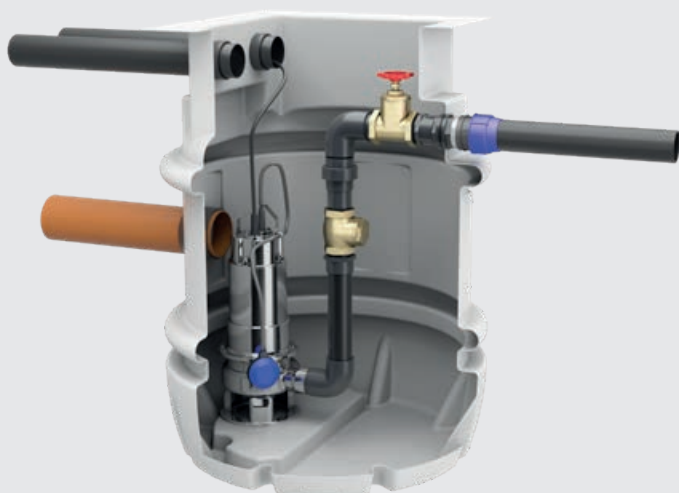


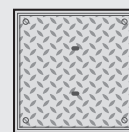
MagnaPro 650-1000 Vortex



SYSTEM OVERVIEW



One free-standing automatic pump



Access cover, solid top, locking, galvanised steel, FACTA A



2" Class E PVC pipework



2" brass valves



63 mm MDPE discharge



110 mm inlet



50 mm cable duct



50 mm vent

The MagnaPro 650-1000 Vortex is a fully automatic packaged pumping station suitable for pumping grey, surface, storm or foul water to a higher level when gravity drainage is not possible and/or economical to install.

The system provides up to 165 litre storage capacity depending inlet depth. It is ideal for accepting waste from an extension, outbuilding, basement or similar.

The pump's vortex impellor provide reliable and effective pumping of surface, storm, grey and foul water. It can accept foul waste if the property also has another method of removing foul waste. Contact our Sales Team if you require a foul water packaged pumping station to serve the whole property.

The system comprises a tank-grade polyethylene chamber, internal Class E PVC pipework and fittings, brass valves, a free-standing automatic pump with vortex impellor, and an external compression adaptor for discharge to 63 mm OD MDPE. A solid top, locking, galvanised steel access cover is included (FACTA A). Alternative access covers are available to suit your project requirements.

It is easy to install as inlets can be positioned to your site's requirements. Inlet information to be supplied at time of order, or can be drilled on site.

Our systems are built to last and designed to be easy to service.

KEY FEATURES

- Vortex impellor for high flow rates
- Up to 165 litres storage capacity
- 60° benching
- Compact chamber for limited space installations
- Ideal for an extension, outbuilding, basement or similar
- 450 mm x 450 mm clear opening
- Variable inlet positions to suit site
- A range of alarms and remote alerts are available offering peace of mind
- Quick and simple to install

SPECIFICATIONS

MagnaPro 650 Vortex system complies with:

- BS EN 12050-2:2015 Wastewater lifting plants for buildings and sites. Lifting plants for faecal-free wastewater.
- BS EN 12050-3:2015 Wastewater lifting plants for buildings and sites. Lifting plants for limited applications.

WASTE TYPE



Grey



Foul



Surface



Storm

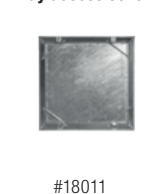
RECOMMENDED ACCESSORIES

AquaSafe Alarm (Sump)



#22071

Inlay access cover



#18011

Additional inlet



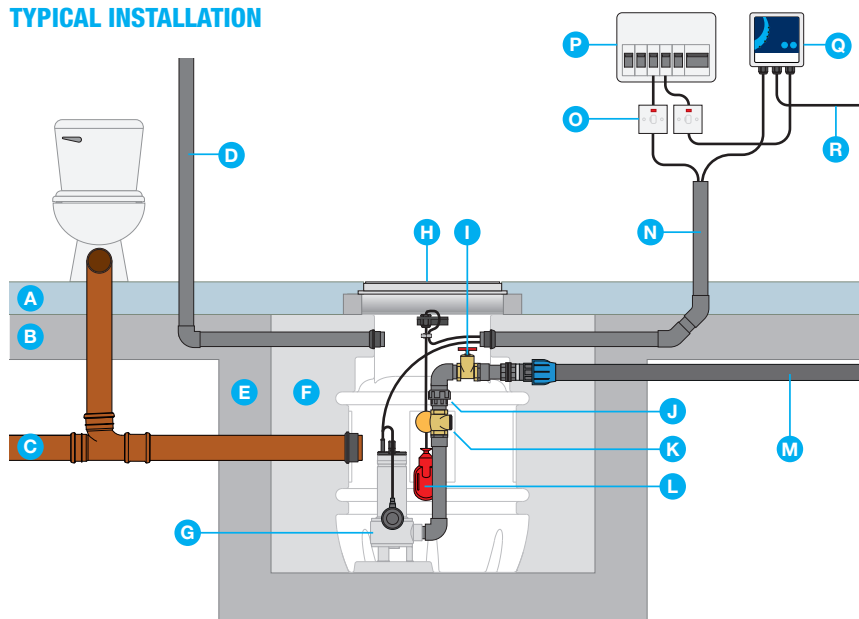
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All our products can be customised to your requirements. For more information and advice please call our Sales Team on 01442 211554.

MagnaPro 650-1000 Vortex

TYPICAL INSTALLATION



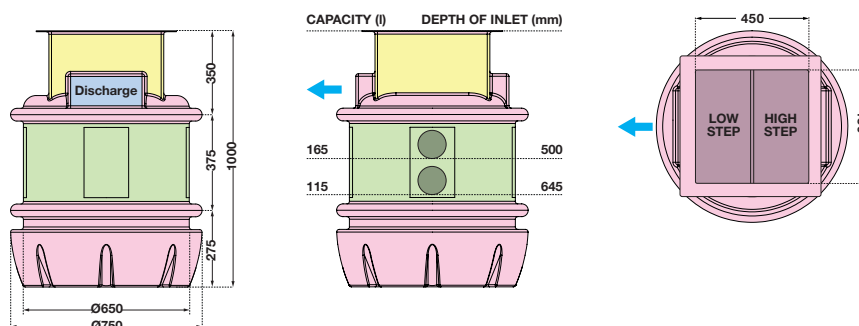
- | | |
|--|--|
| A. Floor finishes | J. Socket union for simple pump removal |
| B. Concrete slab | K. Non-return valve |
| C. Inlet pipe | L. High level alarm float with counterweight (accessory) |
| D. Vent duct. | M. 63 mm MDPE discharge pipework |
| E. Waterproof reinforced concrete sump | N. Cable duct |
| F. Concrete backfill | O. Unswitched fused spur |
| G. Automatic 230 V pump | P. Distribution board |
| H. Sealed access cover | Q. AquaSafe Alarm (accessory) |
| I. Gate valve | R. Volt-free contact (accessory, optional) |



Do not dispose of wet wipes, sanitary items, nappies or other non-soluble items into the MagnaPro 650-1000 Vortex as these may result in a blockage.

CHAMBER DIMENSIONS

Shows indicative capacities from lowest inlet invert.

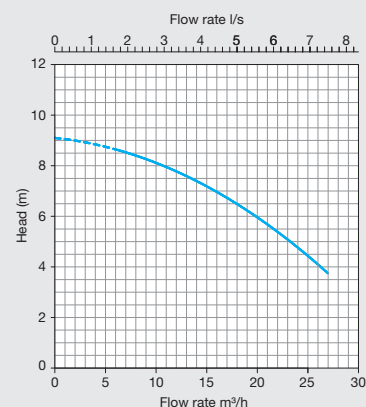


Permitted connection positions

Discharge only	Inlet location allowed	Cable ducts and vents only	No drilling allowed
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PUMP SPECIFICATIONS

Power supply	230 V AC 50 Hz
Power (P1)	1,360 W
Rated power (P2)	1,100 W
Rated current	6.1 A
Max. head	9.0 m
Max. flow rate	7.5 l/s
Max. particle size	50 mm
Discharge size	2"
Cable length	10 m
Weight	15.3 kg
Housing material	Stainless steel 304
Impellor material	Stainless steel 304
Impellor type	Vortex
Control	Automatic



CHAMBER SPECIFICATIONS

Internal pipework	2" OD Class E PVC
Discharge pipework	63 mm OD MDPE
Lifting eyes	No
Maximum storage capacity	165 litres
Chamber material	Tank-grade polyethylene
Dimensions (Ø x H)	750 x 1000 mm
Clear opening	450 x 450 mm

ACCESS COVER

Material	Galvanised steel
Cover type	Solid top
Locking	4 screws
Loading	Pedestrian duty FACTA A
Clear opening (H x W)	450 x 450 mm
Dimensions (H x W x D)	515 x 515 x 40 mm

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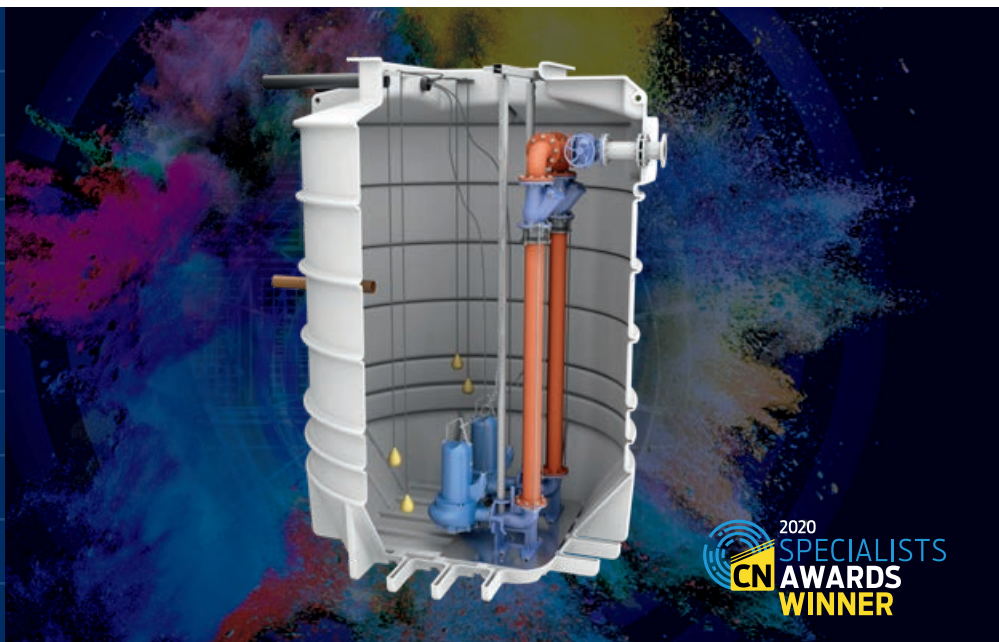
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