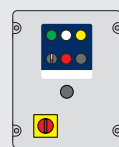


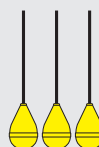
# MagnaPro 1000-1250 Vortex (3-phase)



## SYSTEM OVERVIEW



Control panel with three floats



1 pedestal-mounted manual pump with guide rail and lifting chain



2½" Class E PVC pipework



2½" brass valves



90 mm HDPE discharge



110 mm inlet



110 mm cable duct



110 mm vent

The MagnaPro 1000-1250 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 510 litre storage capacity depending on inlet depth. It is ideal for accepting waste from an extension, outbuilding, basement or similar.

Its three-phase pump provides higher torque to minimise blockages, increased energy efficiency, and improved reliability compared to a single-phase pump. Its vortex impellor provides reliable and effective pumping of grey and foul water.

The system comprises our award-winning polyethylene MagnaPro chamber, internal Class E PVC pipework and fittings, brass valves, control panel, float switches, a pedestal-mounted manual pump with vortex impellor, and an external compression adaptor for discharge to 90 mm OD HDPE.

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.

An access cover is not included. A range of access covers is available to suit your project requirements.

Our packaged pumping stations are built to last and designed to be easy to service.

## KEY FEATURES

- Vortex impellor for high flow rates
- Three-phase pump for higher torque, increased energy efficiency, and improved reliability
- Up to 510 litres storage capacity
- 60° benching
- Compact chamber for limited space installations
- Ideal for an extension, outbuilding, basement or similar application
- 750 mm x 600 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 1000 Vortex systems comply with:

- BS EN 12050-1:2015 Wastewater lifting plants for buildings and sites. Lifting plants for wastewater containing faecal matter.
- BS EN 12050-2:2015 Wastewater lifting plants for buildings and sites. Lifting plants for faecal-free wastewater.

## WASTE TYPE



Grey

Foul

Surface

Storm

## OPTIONAL EXTRAS



Upgraded pumps

Control equipment

Battery backup

External pipework

Remote monitoring

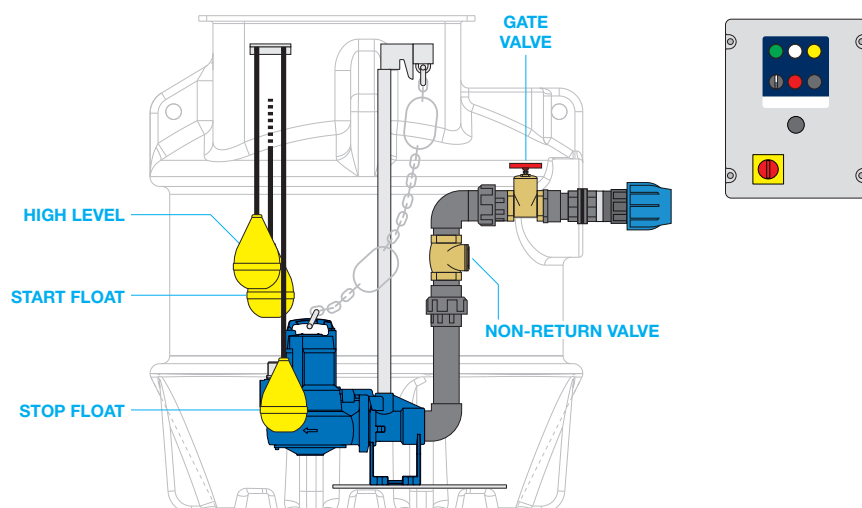
Level controls

Access covers

Kiosks

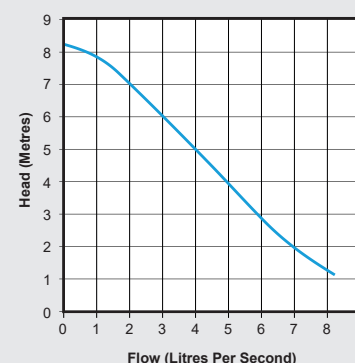
All our products can be customised to your requirements. For more information and advice please call our Sales Team on 01442 211554.

# MagnaPro 1000-1250 Vortex (3-phase)



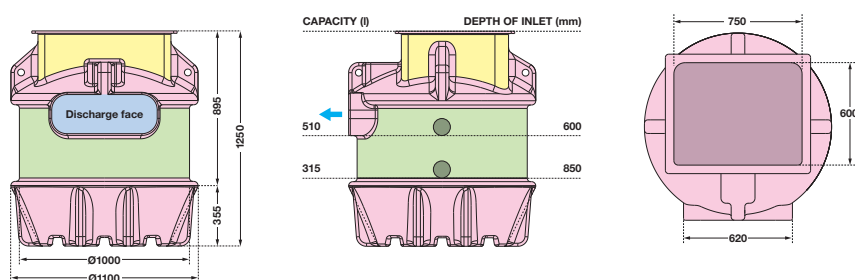
## PUMP SPECIFICATIONS

|                      |         |
|----------------------|---------|
| Number of pumps      | One     |
| Impellor type        | Vortex  |
| Control              | Manual  |
| Power supply         | 415 VAC |
| Rated current        | 2.8 A   |
| Motor rating (P2)    | 750 W   |
| Revolutions per min. | 2900    |
| Discharge size       | DN65    |
| Free passage         | 60 mm   |
| Max. vertical output | 8.2 m   |
| Max. flow rate       | 8.2 l/s |
| Max liquid temp.     | <40 °C  |
| Cable length         | 10 m    |
| Weight               | 25 kg   |



## 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 |
|----------------|------------------------|----------------------------|---------------------|

## CHAMBER SPECIFICATIONS

|                          |                         |
|--------------------------|-------------------------|
| Internal pipework        | 2½" OD Class E PVC      |
| Discharge pipework       | 90 mm OD HDPE           |
| Lifting eyes             | 4 no                    |
| Maximum storage capacity | 510 litres              |
| Chamber material         | Tank-grade polyethylene |
| Dimensions (Ø x H)       | 1100 x 1250 mm          |
| Clear opening            | 750 mm x 600 mm         |

## CONTROL PANEL SPECIFICATIONS

|                        |                    |
|------------------------|--------------------|
| Enclosure              | ABS plastic, IP54  |
| Volt-free contact      | No                 |
| Voltage                | 415 V              |
| Volted contact         | 24 V               |
| Dimensions (H x W x D) | 380 x 300 x 180 mm |

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