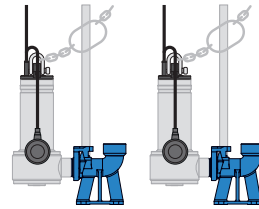










SYSTEM OVERVIEW



Two pedestal-mounted automatic Xylem Domo stainless steel pumps with guide rails and lifting chains

-  2" Class E PVC pipework
-  2" brass valves
-  63 mm MDPE discharge
-  110 mm inlet
-  50 mm cable duct
-  50 mm vent duct

Pumps by



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

A fully automatic twin pump packaged pumping station suitable for pumping grey and foul water to a higher level when gravity drainage is not possible or economical to install.

The system provides up to 575 litre storage capacity depending inlet depth. It is ideal for accepting waste from an extension, outbuilding, basement or similar.

Two stainless steel Xylem Domo pumps provide reliable and effective pumping of 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 our award-winning polyethylene chamber, internal Class E PVC pipework and fittings, brass valves, two pedestal-mounted automatic pumps, stainless steel guide rails and lifting chains, and an external compression adaptor for discharge to 63 mm OD MDPE. A pedestrian duty 600 mm x 450 mm solid top access cover is included.

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

The system is built to last and designed to be easy to service.

KEY FEATURES

- Vortex impellor for high flow rates
- Twin pumps for backup if one of the pumps fail
- Up to 575 litres storage capacity
- 60° benching
- Compact chamber for limited space installations
- Ideal for accepting waste from an extension, outbuilding, basement or similar application
- 600 mm x 450 mm pedestrian duty access cover
- Variable inlet positions to suit site
- A range of alarms and remote alerts are available
- Quick and simple to install

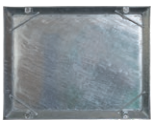
SPECIFICATIONS

This 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.

ACCESSORIES

Inlay access cover



106985

Additional inlet



110 mm 50 mm
107035 107034

HIGH LEVEL ALARM (RECOMMENDED)

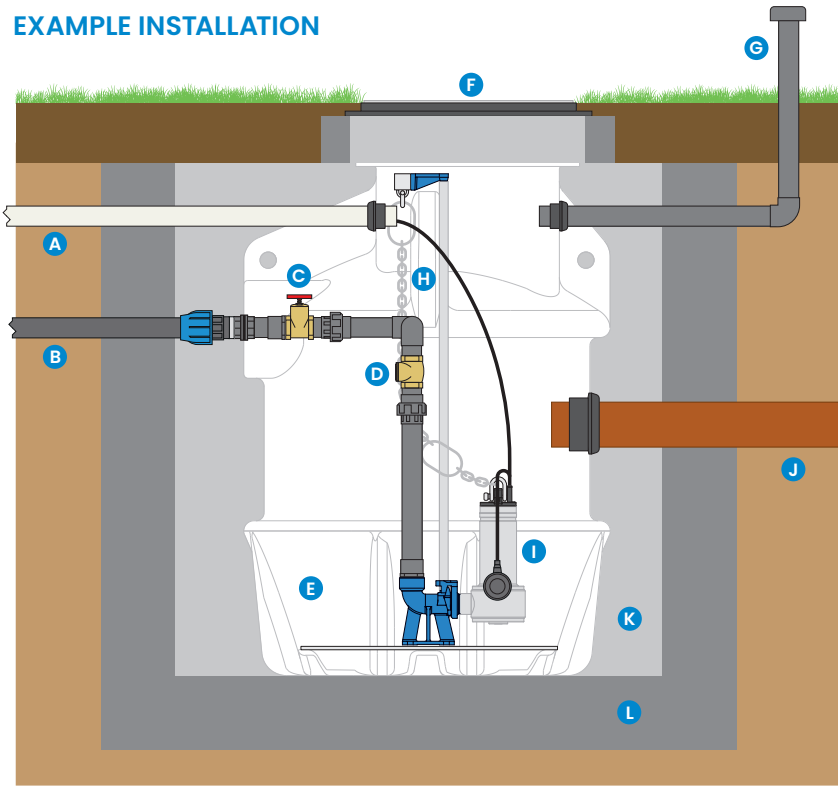


AquaSafe Alarm

High level alarm alert
HLA recorded alert
Service due alert
Volt-free contacts for BMS
Alarm battery backup

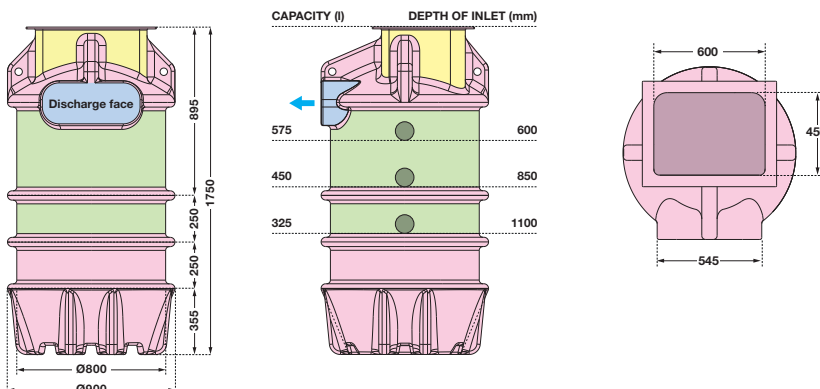
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EXAMPLE INSTALLATION



- A** 50 mm cable duct
- B** 63 mm OD MDPE discharge
- C** 2" brass gate valve
- D** 2" brass swing check valve
- E** Tank-grade polyethylene chamber
- F** Access cover 600 mm x 450 mm
- G** 50 mm vent duct
- H** Guide rail and lifting chain
- I** Choice of automatic pumps
- J** 100 mm ID inlet
- K** Concrete backfill
- L** Reinforced concrete sump

CHAMBER DIMENSIONS



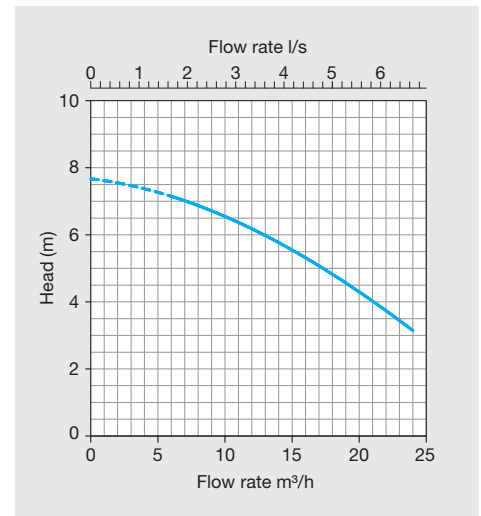
Permitted connection positions

| | | | |
|----------------|------------------------|----------------------------|---------------------|
| Discharge only | Inlet location allowed | Cable ducts and vents only | No drilling allowed |
|----------------|------------------------|----------------------------|---------------------|

Capacities indicative from lowest inlet invert.

PUMP SPECIFICATIONS (PER PUMP)

| Pump | Domo 10VX |
|----------------------|-----------|
| Number of pumps | Two |
| Impellor type | Vortex |
| Control | Automatic |
| Power supply | 230 VAC |
| Rated current | 5.9 A |
| Motor rating (P2) | 750 W |
| Discharge size | 2" |
| Free passage | 50 mm |
| Max. vertical output | 7.7 m |
| Max. flow rate | 6.7 l/s |
| Max liquid temp. | <35 °C |
| Cable length | 10 m |
| Weight | 13.6 kg |



CHAMBER SPECIFICATIONS

| | |
|-----------------------|-------------------------|
| Internal pipework | 2" OD Class E PVC |
| Discharge pipework | 63 mm OD MDPE |
| Lifting eyes | 4 no |
| Max. storage capacity | 575 litres |
| Chamber material | Tank-grade polyethylene |
| Dimensions (Ø x H) | 900 x 1750 mm |
| Clear opening | 600 x 450 mm |

In accordance with Tricel's normal policy of product development these specifications are subject to change without notice. Tricel (Killarney) Unlimited Company trading as Tricel.