







### SYSTEM OVERVIEW

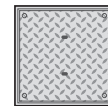


One free-standing automatic stainless steel pump

-  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

**xylem**  
Let's Solve Water



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

A fully automatic 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 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 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 AA). 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.

The system is 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

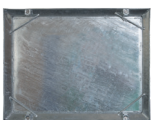
### SPECIFICATIONS

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)

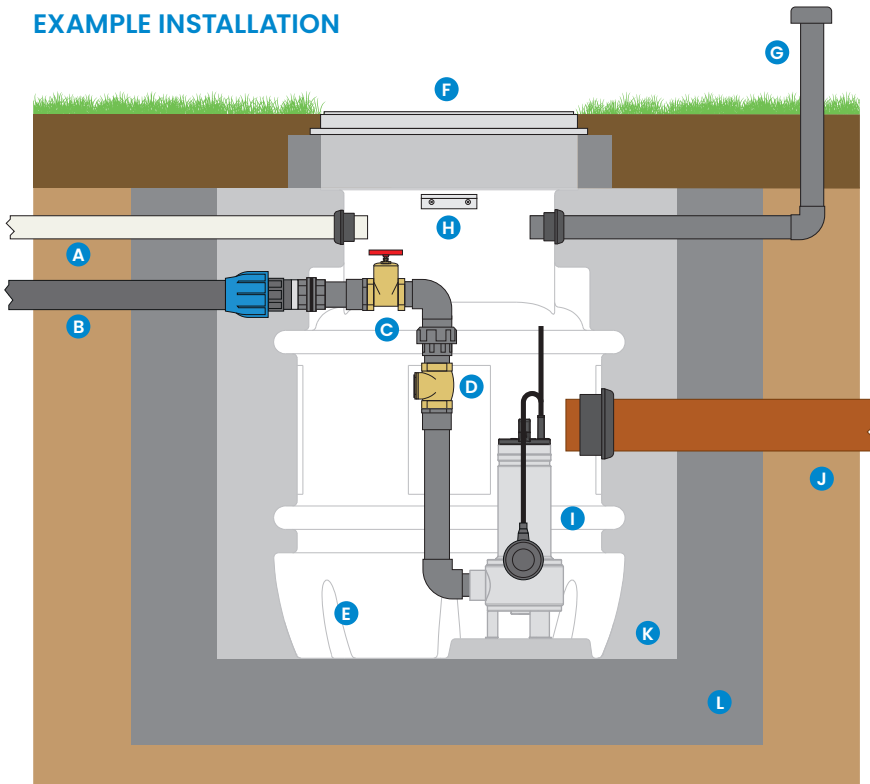


#### AquaSafe Alarm

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

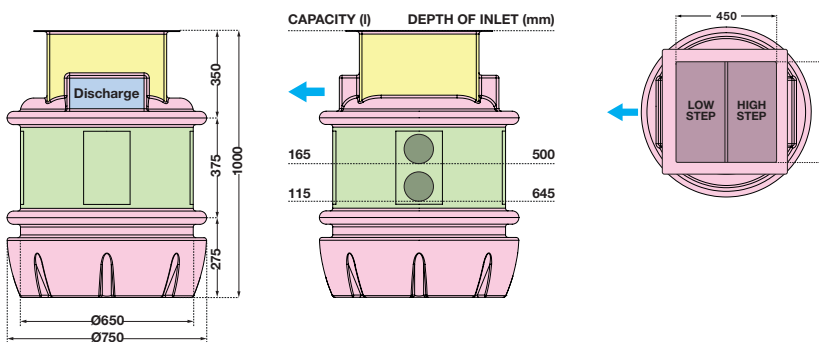
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### EXAMPLE INSTALLATION



- |  |   |
|--|---|
| <b>A</b> 50 mm cable duct                | <b>G</b> 50 mm vent duct                |
| <b>B</b> 63 mm OD MDPE discharge         | <b>H</b> High level alarm float bracket |
| <b>C</b> 2" brass gate valve             | <b>I</b> Xylem Domo automatic pumps     |
| <b>D</b> 2" brass swing check valve      | <b>J</b> 100 mm ID inlet                |
| <b>E</b> Tank-grade polyethylene chamber | <b>K</b> Concrete backfill              |
| <b>F</b> Access cover 450 mm x 450 mm    | <b>L</b> Reinforced concrete sump       |

### CHAMBER DIMENSIONS



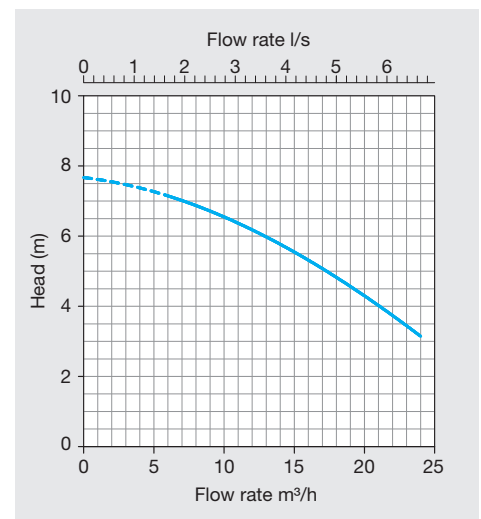
#### Permitted connection positions



Capacities indicative from lowest inlet invert.

### PUMP SPECIFICATIONS

Pump	Domo 10VX
Number of pumps	One
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	No
Max. storage capacity	165 litres
Chamber material	Tank-grade polyethylene
Dimensions (Ø x H)	750 x 1000 mm
Clear opening	450 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.