

## FOUL V3 PUMP STATION (DMS 165)

### Overview

A packaged pump station designed to collect foul water from basements and ground floor extensions where other facilities in the property discharge via gravity. A typical application would be the collection and discharge of foul water from a basement fitted with a bathroom and utility room. This pump station is not designed to collect ground water from a cavity membrane system (see Dual V3 sump, DMS 164). For kitchen applications we recommend fitting a grease trap prior to the pump station.

The Foul V3 pump station has been specifically designed for below ground applications. The chamber is manufactured from virgin tank grade HDPE and is able to withstand hydrostatic forces encountered in applications with high water tables.

The pump station is delivered as a complete package including all internal pipe work and 612SA foul vortex pump. A high level alarm is a recommended option. It is designed to be installed by contractors with competent building, plumbing & electrical skills.

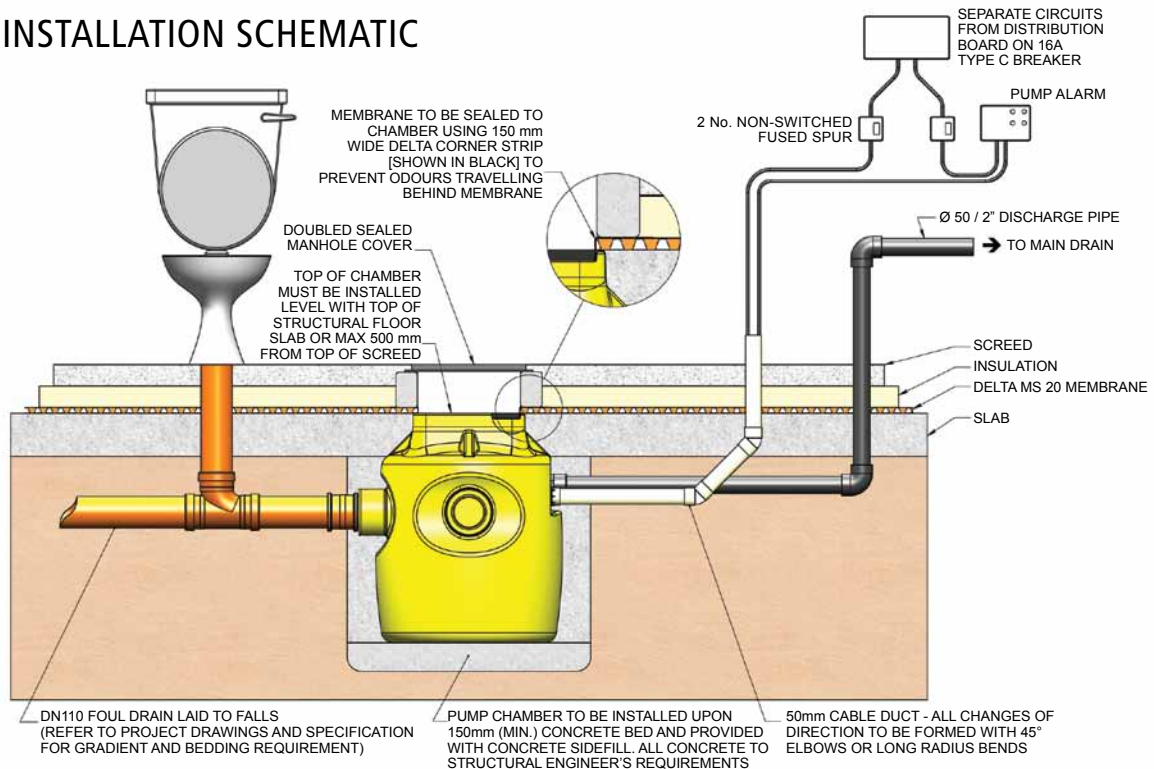


### Installation

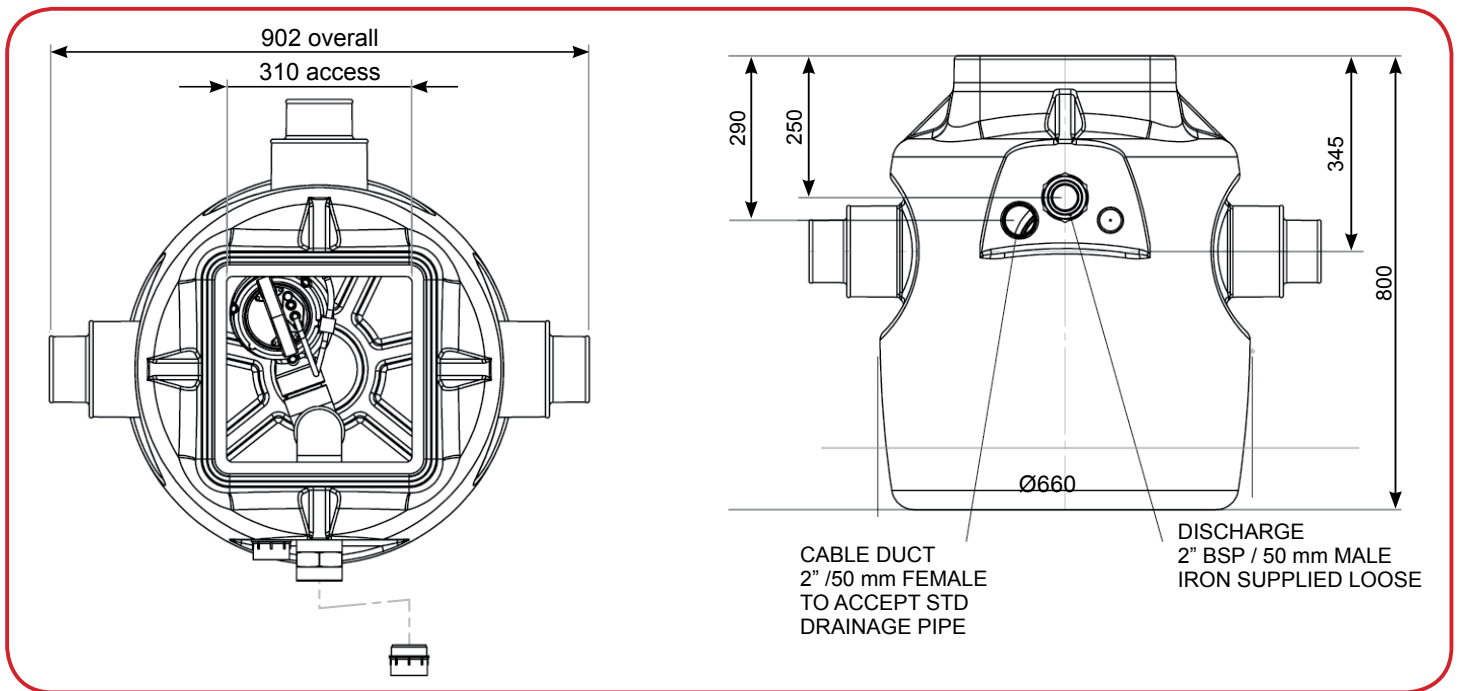
The Foul V3 sump sits on a concrete base. Standard 110mm inlet pipes are connected using a 110mm coupler. A 2" / 50mm discharge pipe is run from the chamber to a drain, 50mm cable duct installed with draw cord and 50mm vent to high level or SVP. The chamber is filled with water to prevent floatation and back filled with concrete to lock into structure.'

Typically a double sealed man hole cover is fitted in the final screed, this can be a tray type cover to accept the final floor finish, ie tiles or wood. For full installation instructions see 'Foul V3 sump - Installation instructions & Technical Details'

#### TYPICAL INSTALLATION SCHEMATIC

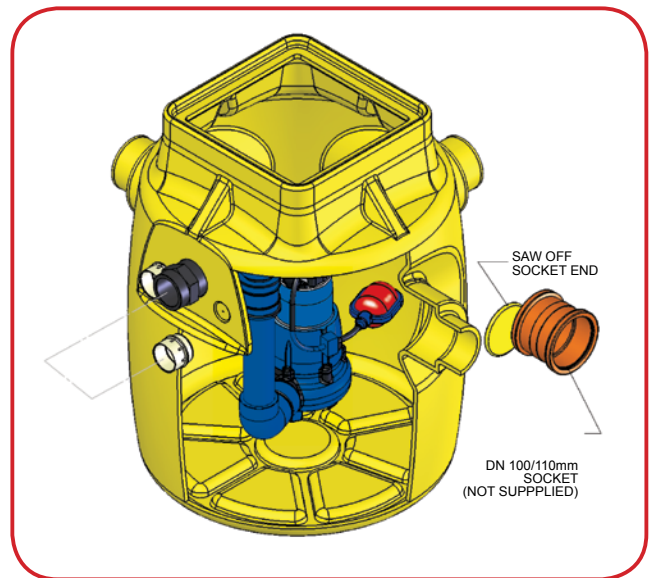


# DELTA MEMBRANE SYSTEMS LTD.



<b>Pump Model</b>	612SA
<b>Voltage</b>	230 V
<b>KW rating (P1 / P2)</b>	1.25KW / 0.75KW
<b>Full Load Current</b>	6.0A
<b>Fuse Rating spur</b>	13A
<b>Typical Duty</b>	5.8L/S @ 4m Head
<b>Chamber Storage Volume</b>	273 litres
<b>Storage below Volume</b>	137 litres

For full technical & performance information please refer to 'Delta Drainage & Sewage Pumps - Technical Overview'



## Accessories

High Level Alarm



Telemetry System



Pipework



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