

DUAL V3 SUMP (DMS 164)

Overview

A packaged pump station designed to collect ground water via perimeter channel or 110mm pipes (129 detail) and / or clear opening to the top of the chamber. This chamber can also collect grey water from showers, washing machines, dish washers and wash hand basins, but not foul from a WC. (See Foul V3 sump DMS 165).

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

The pump station is delivered as a complete package including chamber all internal pipe work and two powerful V3 pumps. A high level alarm is offered as a recommended option. It is designed to be installed by contractors with competent building, plumbing and electrical skills..



Installation

The Dual V3 sump sits on a concrete base. Standard 110mm inlet pipes (if applicable) are connected using a 110mm coupler.

A 1 ¼" / 32mm discharge pipe is run from the chamber to a drain and cable 50mm cable duct installed with draw cord. The chamber is filled with water to prevent floatation and back filled with concrete to lock into structure.'

For full installation instructions see 'Dual V3 sump - Installation instructions & Technical Details'.

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.

TYPICAL INSTALLATION SCHEMATIC FOR DUAL V3 PUMP ASSEMBLY

NOTE:
THIS SCHEMATIC IS INTENDED TO SHOW THE PRINCIPLE FEATURES OF A TYPICAL INSTALLATION AND THE CONTRACTOR SHOULD ALSO REFER TO THE CONTRACT DOCUMENTS AND INSTALLATION INSTRUCTIONS FOR EACH COMPONENT.
DO NOT SCALE DIMENSIONS FROM THIS SCHEMATIC DRAWING

