



Installation of Air Hoses & External Controller

ONE2CLEAN



Installation of Air Hoses & External Controller

***Must be installed within 18m of Tank. (Air Hoses are 20m in length).**

1.

Selecting the location

- The location must be protected from direct sunlight during summer.
- The rear side of the cabinet must be installed with at least 10cm clearance from the nearest wall to allow for sufficient ventilation.
- The air hoses must be no longer than 20m.
- The cabinet must not be installed in ground water. This also applies to groundwater or backwater that occurs only occasionally.

2.

Installing the Cabinet in the ground and connecting the service duct

Excavate a hole of sufficient size for the cabinet (installation depth 50cm). Only coarse excavated soil that is free from stones may be used as backfill material. If the excavated material is unsuitable, round gravel should be used (size 8-16mm). Make sure the cabinet is stable and is installed vertically in the excavation.

Push the 110mm pipe through the seal in the bottom of the cabinet. Fit a 45 degree bend to the end of the pipe inside the cabinet with the open end facing upwards.

3.

Inserting the underground power supply cable

Drill a 20mm dia hole in the side of the base section of the cabinet at a suitable position for the armoured power cable to feed through. Fit the M10 x 1.5mm cable gland (suitable for a cable dia of 8-13mm).

4.

Electrical Connection

The electrical connection must only be carried out by a qualified electrician. An underground armoured cable must be laid to supply power to the cabinet. This cable must be protected by a 16 amp fuse from the building installation and must be fitted with an isolated switch for repair and maintenance. The underground cable is connected to the pre-assembled power socket in the cabinet. This power socket can be removed for easy assembly by unscrewing the two nuts from the holding plate.

5.



Prior to installation of the Control Unit, ensure the spacer has been fitted to the back of the Control Unit.

6.



The control Unit should be mounted to the external cabinet with the screws and wing nuts provided.

