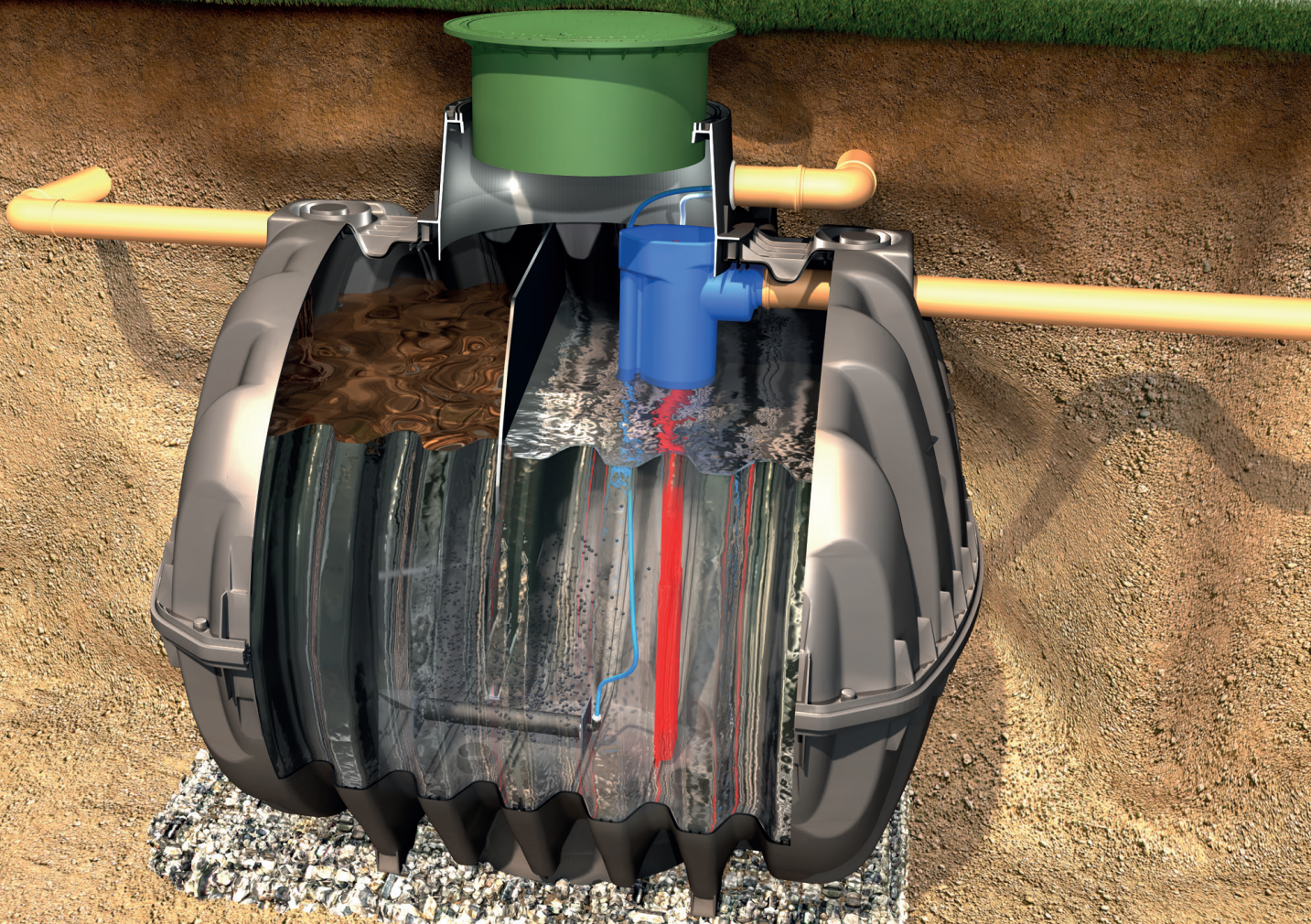




INSTALLATION MANUAL

ONE2CLEAN TANKS

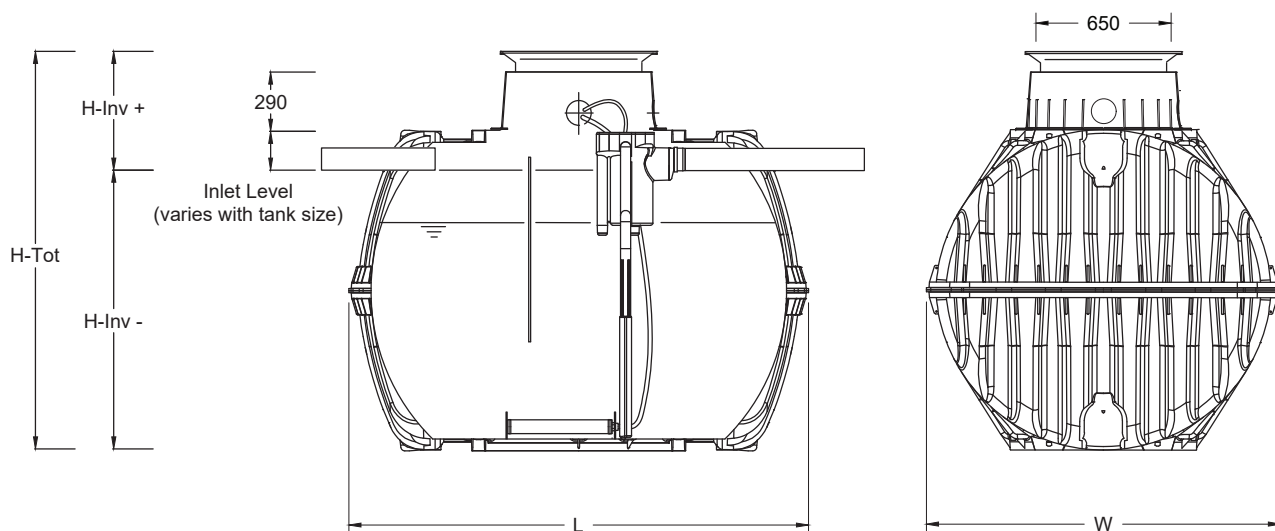


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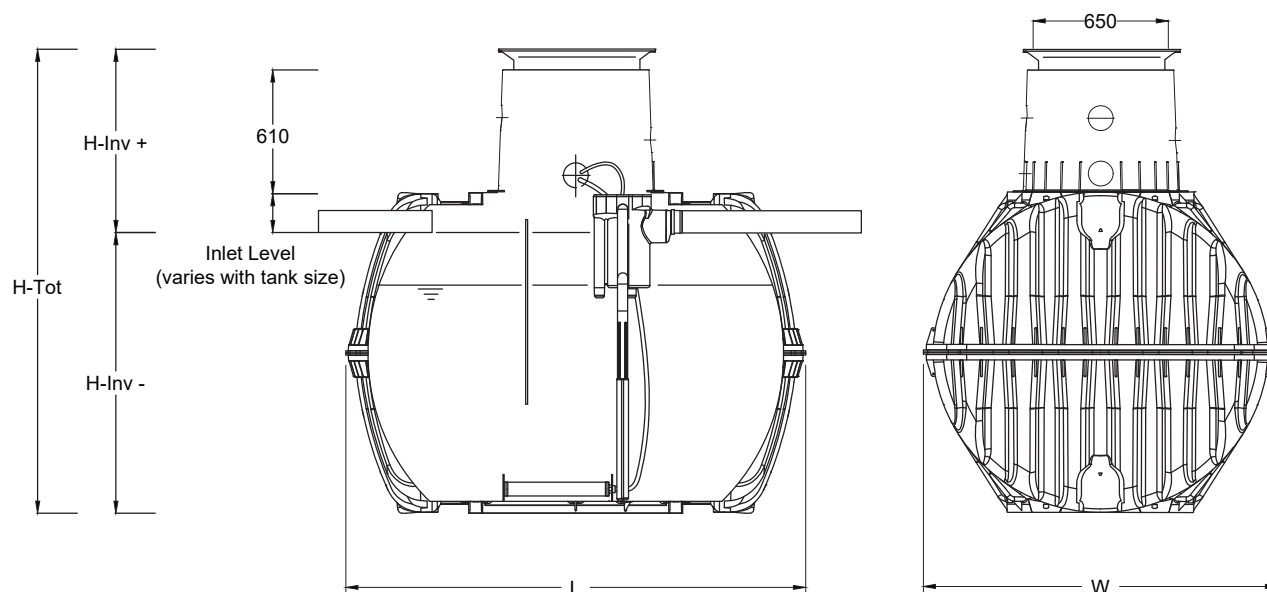
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1. TANK DIMENSIONS - LAYOUT DIAGRAM

With mini tank dome



With maxi tank dome

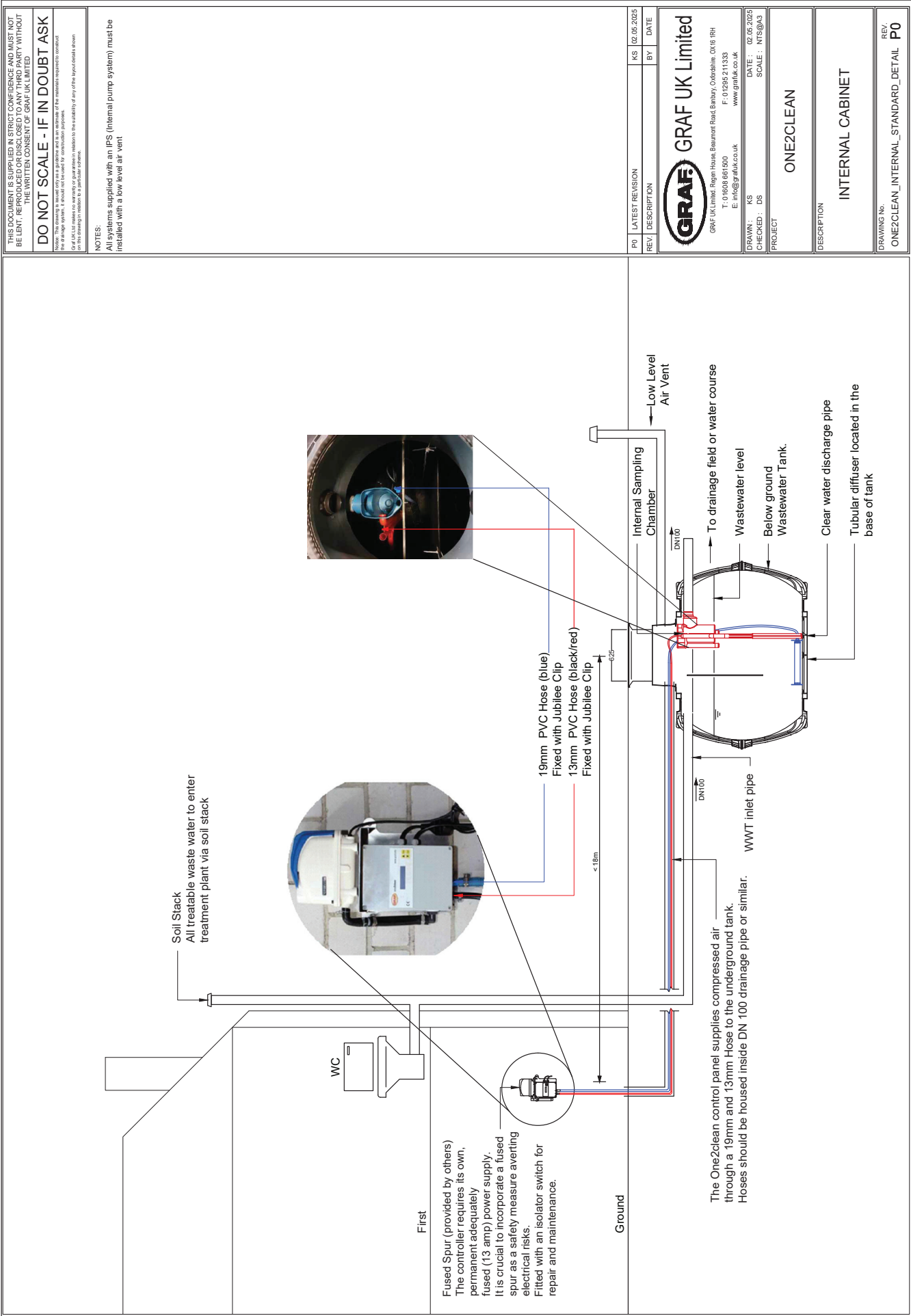


All dimensions are provided in mm unless indicated otherwise

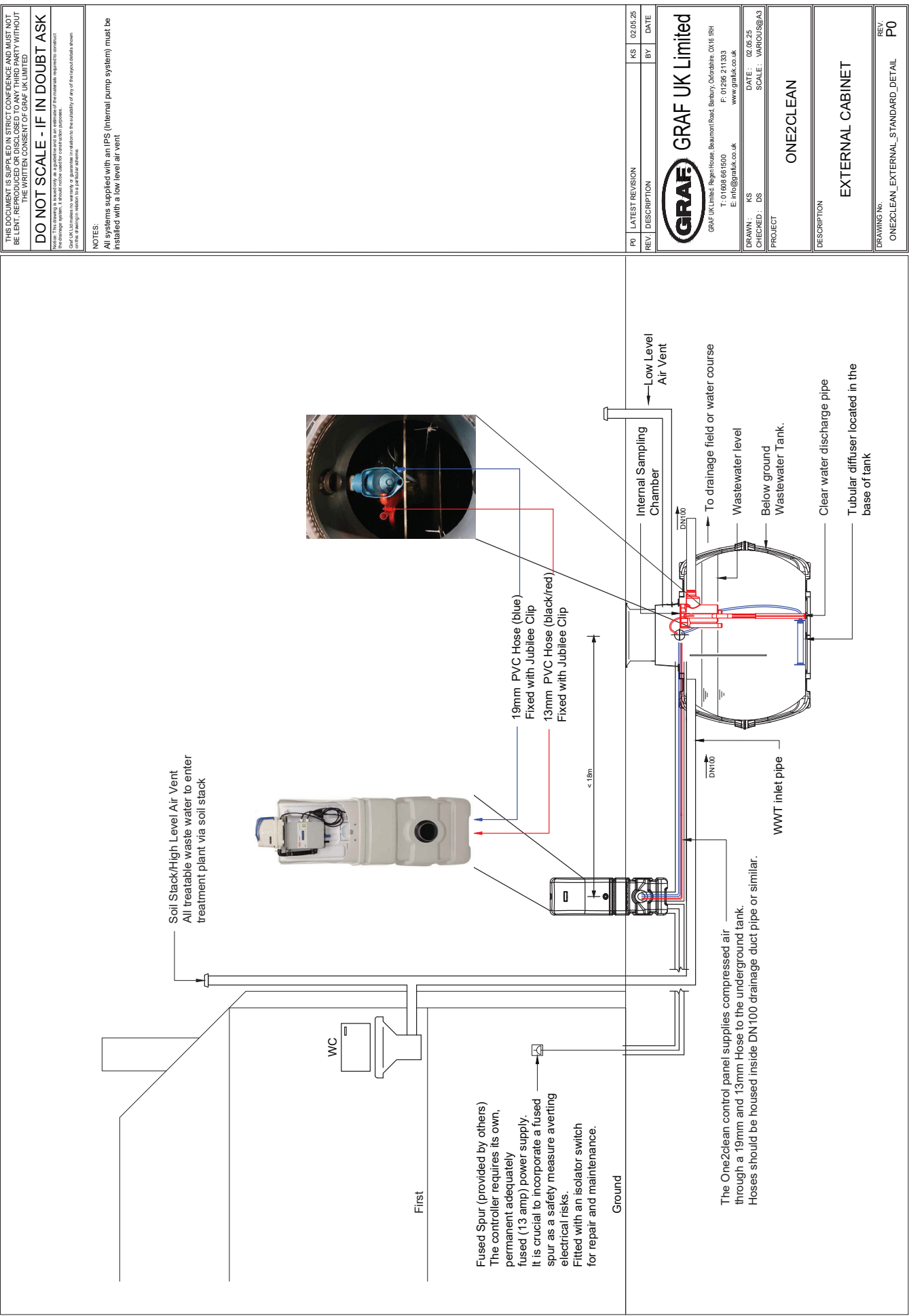
	5 PE	7 PE	9 PE	12 PE	15 PE	19 PE
Tank (L)	3750	4800	6500	8500	1000	13000
Max. daily inflow (L/d)	750	1050	1350	1800	2250	2850
L	2280	2280	2390	3500	3520	4000
W	1755	1985	2190	2040	2240	2420
H-Inv -	1390	1575	1840	1885	2085	2265
H-Out -	1390	1575	1840	1785	1985	2165
H-Inv +	630-1700	675-1745	690-1760	630-2200	630-2200	630-2200
H-Out +	630-1700	675-1745	690-1760	730-2300	730-2300	730-2300
H-Tot	2020-3090	2250-3320	2530-3600	2515-4085	2715-4285	2895-4465

* Various inlet options available to suit installation. Please specify invert depth required when ordering.

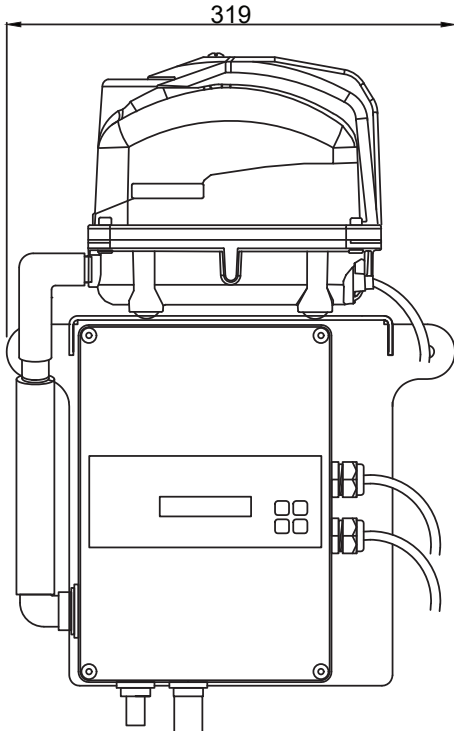
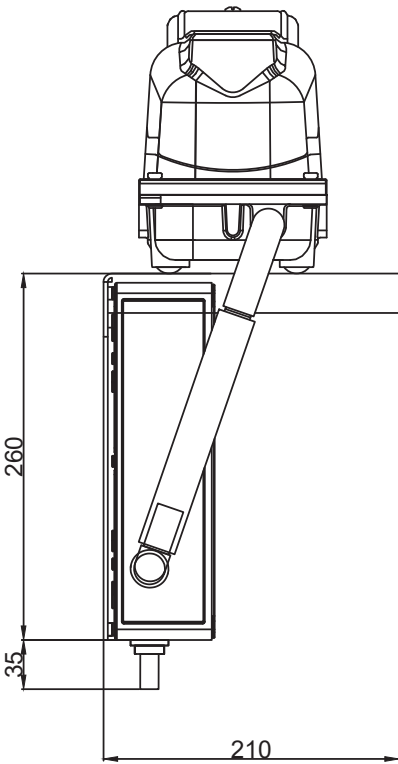
2. INTERNAL CABINET - LAYOUT DRAWING



3. EXTERNAL CABINET - LAYOUT DIAGRAM



4. INSTALLATION OF INTERNAL ONE2CLEAN CONTROL PANEL

	D Steuerung one2clean XP und HP Version		Artikel-Nr. article no. 107563
	GB Control Panel one2clean for XP and HP compressor	ES	FR
 			
M:\Produktmanagement\Projekte 2011\PI2024 - easyOneMaßzeichnungen\Steuerung\MSZ one2clean Steuerung.dwg 2014-04-10	Otto Graf GmbH		Zeichnungsinformation drawing information
	Carl-Zeiss-Str. 2-6		
	DE-79331 Teningen		
	Germany		
	info@graf-info		Artikelinformation article information
	www.graf.info		
		gezeichnet drawn CSC	Gewicht weight
		Datum date 09.04.2014	
		Toleranz tolerance +/- 3 %	
			Alle Maßangaben in mm all dimension in mm

4. INSTALLATION OF INTERNAL ONE2CLEAN CONTROL PANEL

* 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 the 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.

2



The controller requires its own, permanent adequately fused (13 amp) power supply. Fitted with an isolator switch for repair and maintenance.

3



The controller must be installed in a well vented, dry and dust-free interior. Two 8mm holes must be drilled into the wall for assembly.

4



Secure the controller to the wall using the dowels and screws provided.

5



Prior to installation of the control unit, ensure the spacer has been fitted

6



Position the compressor on the controller. Connect the compressor to the unit pipe using the 90-degree hose piece and hose clamps provided. Plug the compressor plug into the control socket.

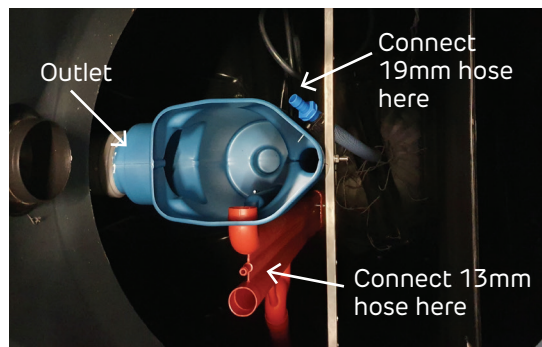
4. INSTALLATION OF INTERNAL ONE2CLEAN CONTROL PANEL

7



Connect the air hoses to the nozzles on the controller (13mm hose to black nozzle and 19mm hose to blue nozzle).

8



Connect hoses as shown (13mm hose to red barbed connector, 19mm hose to blue barbed connector), secure with jubilee clips and then feed hoses through duct to controller ensuring hoses are not kinked.

9



To prevent fumes, gases and humidity damaging the system, please seal the service duct using a blanking plug or expanding foam.

10



Push the hose through the thin topmost layer. The punch residue remains attached to those ends.

11



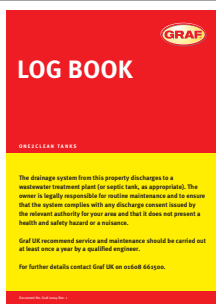
Cut off the hose ends in order to remove the punch residue.

12



Please refer to page 17 for Date & Time settings.

13



For other information please refer to the One2Clean Log Book, the tank installation manual and the Maintenance manual.

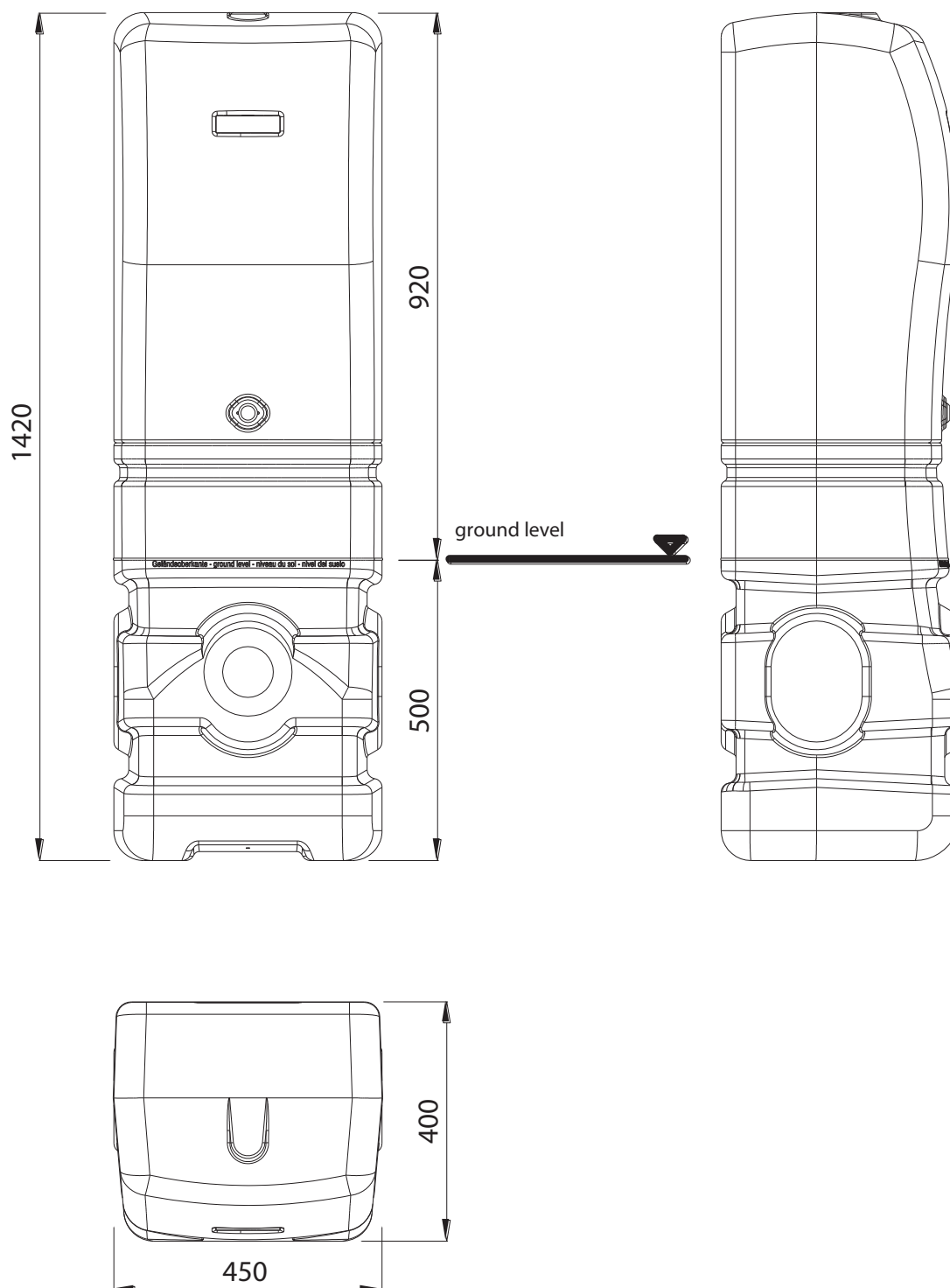
14



Failure to install the system in accordance to the installation guidance will result in voiding the warranty and any claims made will be rejected.

5. INSTALLATION OF EXTERNAL ONE2CLEAN CONTROL CABINET (M)

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



5. INSTALLATION OF EXTERNAL ONE2CLEAN CONTROL CABINET (M)



1

Selecting the location

- The location must be protected from direct sunlight during the 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 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 diameter 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 diameter 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 13 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



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

6



Prior to installation of the control unit, ensure the spacer has been fitted to the back of the control unit.

5. INSTALLATION OF EXTERNAL ONE2CLEAN CONTROL CABINET (M)

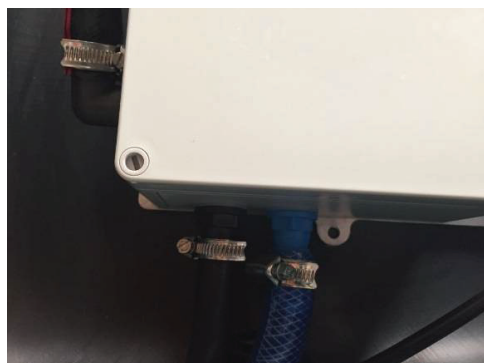


7



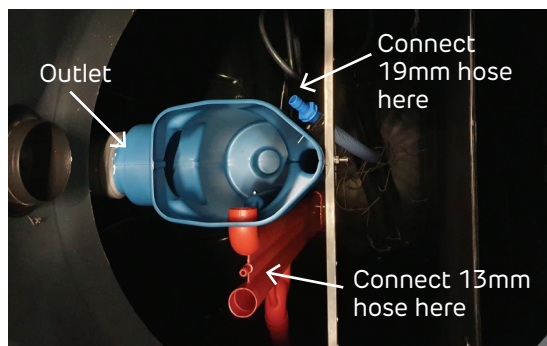
Position the compressor on top of the control unit and connect together using the 90-degree hose piece and hose clamps provided.

8



Connect the air hoses to the nozzles on the controller (13mm hose to black nozzle and 19mm hose to blue nozzle).

9



Connect hoses as shown (13mm hose to red barbed connector, 19mm hose to blue barbed connector), secure with jubilee clips and then feed hoses through duct to controller ensuring hoses are not kinked.

10



To prevent fumes, gases and humidity damaging the system, please seal the service duct using a blanking plug or expanding foam.

11



Push the hose through the thin topmost layer. The punch residue remains attached to those ends.

12



Cut off the hose ends in order to remove the punch residue.

5. INSTALLATION OF EXTERNAL ONE2CLEAN CONTROL CABINET (M)



13

Push the empty pipe closure element into the empty pipe so that it is securely closed off.

14

Please refer to page 17 for Date & Time settings.

15

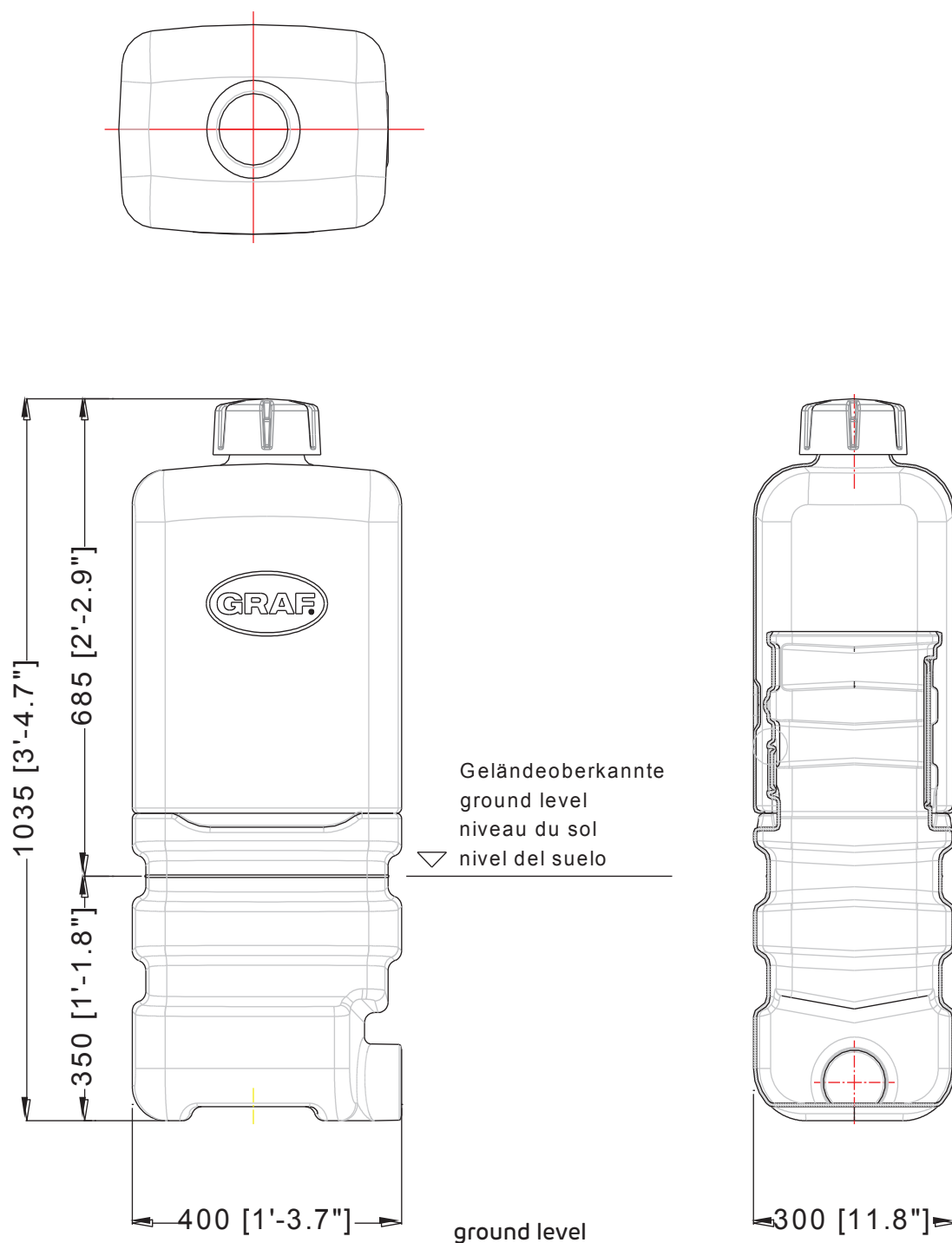
For other information please refer to the One2Clean Log Book, the tank installation manual and the Maintenance manual.

16

Failure to install the system in accordance to the installation guidance will result in voiding the warranty and any claims made will be rejected.

6. INSTALLATION OF EXTERNAL ONE2CLEAN CONTROL CABINET (S)

Must be installed within 18m of tank. (Air hoses are 20m in length)



6. INSTALLATION OF EXTERNAL ONE2CLEAN CONTROL CABINET (S)



1

Selecting the location

- The location must be protected from direct sunlight during the 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 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 diameter 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 diameter 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 13 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



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

6



Prior to installation of the control unit, ensure the spacer has been fitted to the back of the control unit.

6. INSTALLATION OF EXTERNAL ONE2CLEAN CONTROL CABINET (S)

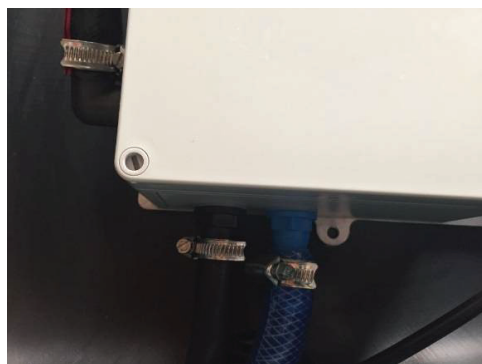


7



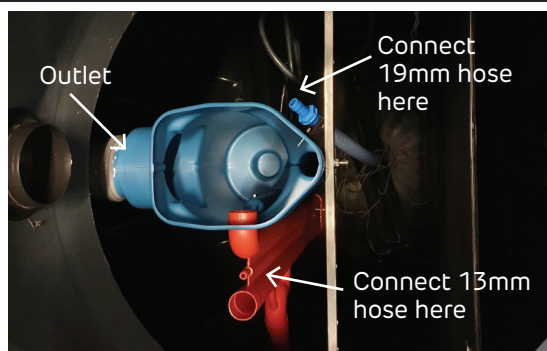
Position the compressor on top of the control unit and connect together using the 90-degree hose piece and hose clamps provided.

8



Connect the air hoses to the nozzles on the controller (13mm hose to black nozzle and 19mm hose to blue nozzle).

9



Connect hoses as shown (13mm hose to red barbed connector, 19mm hose to blue barbed connector), secure with jubilee clips and then feed hoses through duct to controller ensuring hoses are not kinked.

10



To prevent fumes, gases and humidity damaging the system, please seal the service duct using a blanking plug or expanding foam.

11



Push the hose through the thin topmost layer. The punch residue remains attached to those ends.

12



Cut off the hose ends in order to remove the punch residue.

6. INSTALLATION OF EXTERNAL ONE2CLEAN CONTROL CABINET (S)



13

Push the empty pipe closure element into the empty pipe so that it is securely closed off.

14

Please refer to page 17 for Date & Time settings.

15

For other information please refer to the One2Clean Log Book, the tank installation manual and the Maintenance manual.

16

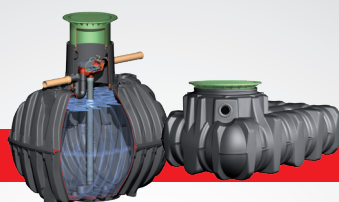
Failure to install the system in accordance to the installation guidance will result in voiding the warranty and any claims made will be rejected.

7. SYSTEM START UP - SET DATE AND TIME

With unit turned on			Cycle pause rest: 684:44min
Press			
Press		X5	19:33:40 2014-05-21 we
Press			1□:33:59 2014-05-21
Press	 	To change hours to correct time	
Press		To move to minutes	09:3□:59 2014-05-21
Press	 	To change minutes to correct time	
Press		To move to date	09:11:59 201□-05-21
Press	 	To change the year	
Press		To move to month	09:11:59 2016:0□:21
Press	 	To change the month	
Press		To move to day	09:11:59 2016-01-2□
Press	 	To change the day	
Press		To store new settings	
Press		To go back to auto mode	



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