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BELOW GROUND TANK - TYPE 172

LEVEL GROUND INSTALLATION SINGLE TANK USING PRE-CAST ANCHOR BLOCKS

The following details are for the installation of a Calor 1500 Litre **Type 172** below ground tank using Calor Pre Cast anchor blocks only.

Dimensions shown are minimum to the bottom of the excavation (E)

With this type of installation there is a risk of the turret becoming flooded which can result in subsequent problems for both the customer and the Calor driver. Where the tank is installed in clay type or water retaining soils, to prevent flooding of the turret, it may be required to install drain tubes from the low points either side of the turret to a soak-away pit filled with hard core rubble, etc. The top of the soakaway must be at the depth (E) shown in the diagram. At some sites alternative drainage methods may be appropriate.

It is essential that the back fill fills the void under the tank and is compacted by suitable means without damaging the tank.

Figure 3 Excavation criteria

Table 2

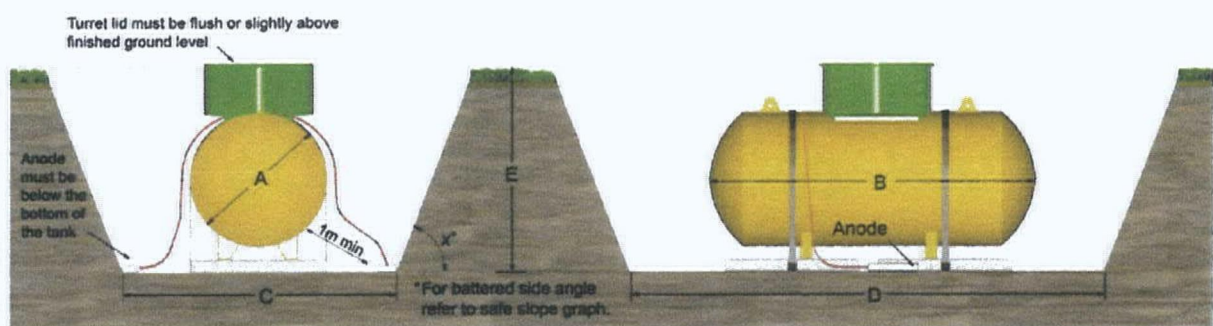


Table 2 Excavation dimensions using pre cast anchor blocks

BELOW GROUND TANK EXCAVATION DIMENSIONS (Using Calor pre cast anchor blocks)		
Diameter of tank	A	1000mm
Length of tank	B	2400mm
Minimum width of excavation (at bottom)	C	2400mm
Minimum length of excavation (at bottom)	D	3600mm
Depth of excavation	E	1700mm

Figure 4 Reinstatement criteria

