

VORTEX 12 Installation Manual Supplement



The VORTEX 12 consists of two tanks.

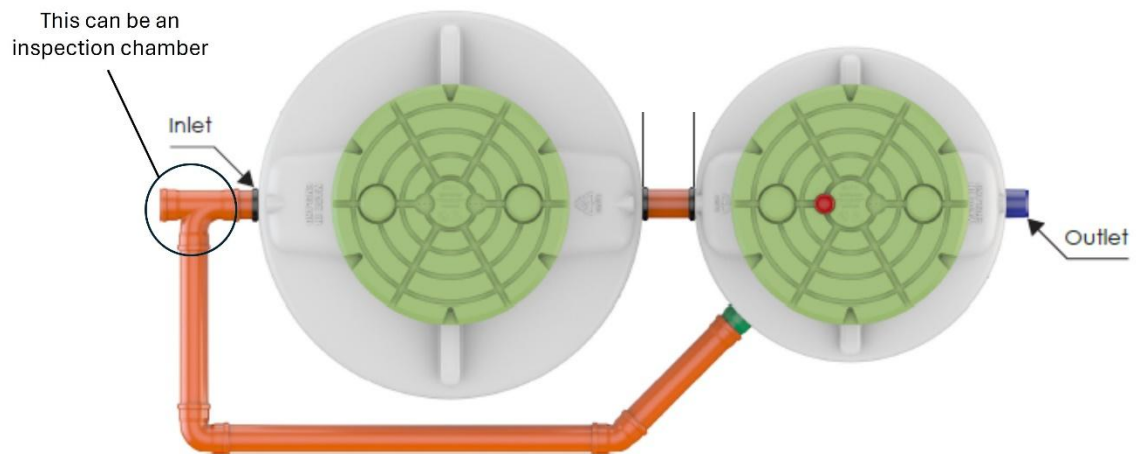
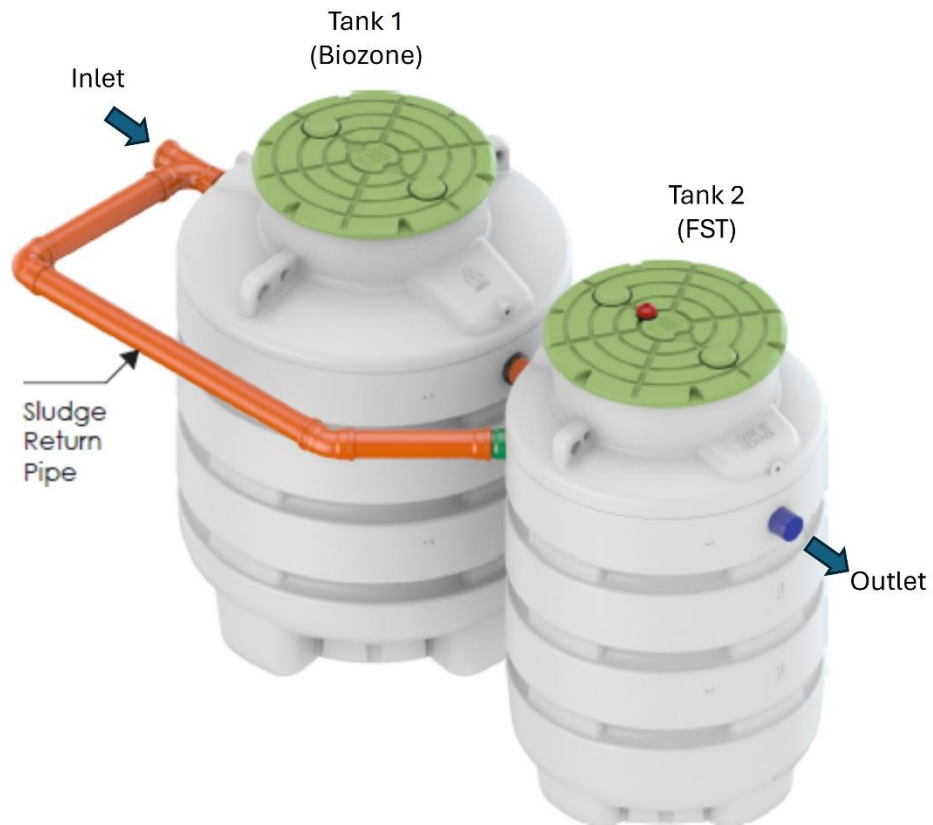
Tank 1 is the Biozone (large tank).

Tank 2 is the Final Settlement Tank (small tank).

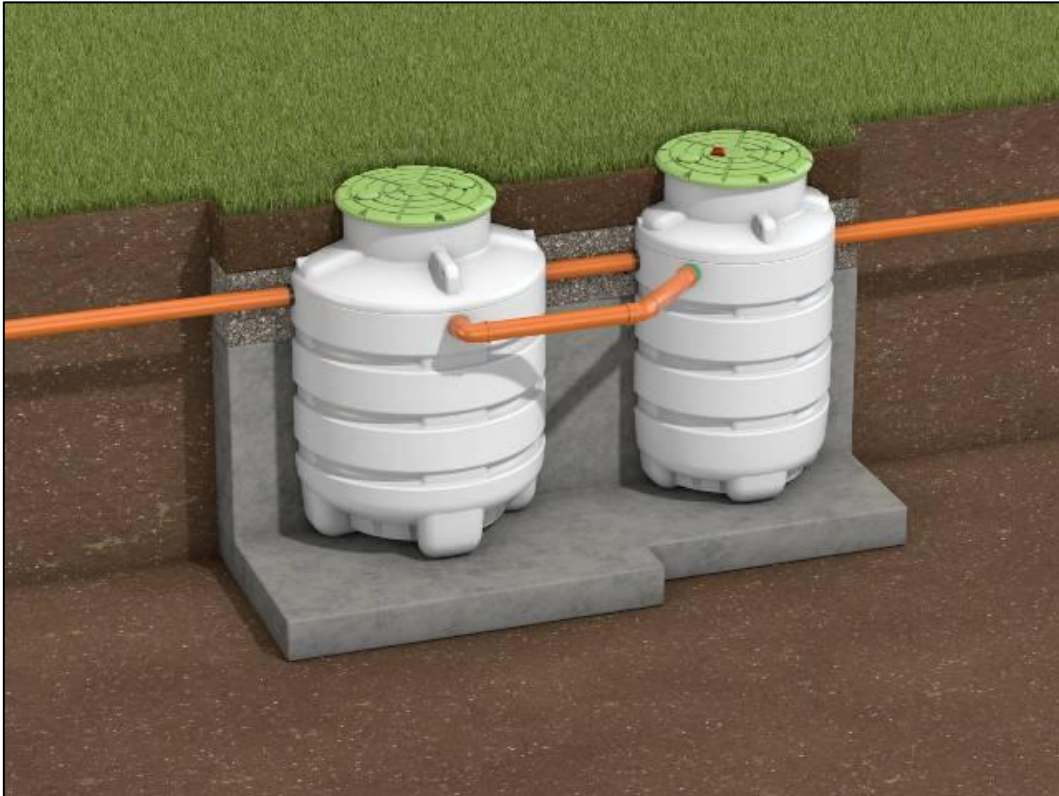
The outlet of Tank 1 is connected to the inlet of Tank 2 using 110mm pipe.

The green outlet of Tank 2 is the Sludge Return Pipe from the Settled Sludge Return (SSR). This is connected to either:

- The Green socket on Tank 1 (new model).
- The inlet of Tank 1 (old model).



Old Model



New Model

Gravity outlet tanks will have a Blower Tray under the lid of Tank 2.

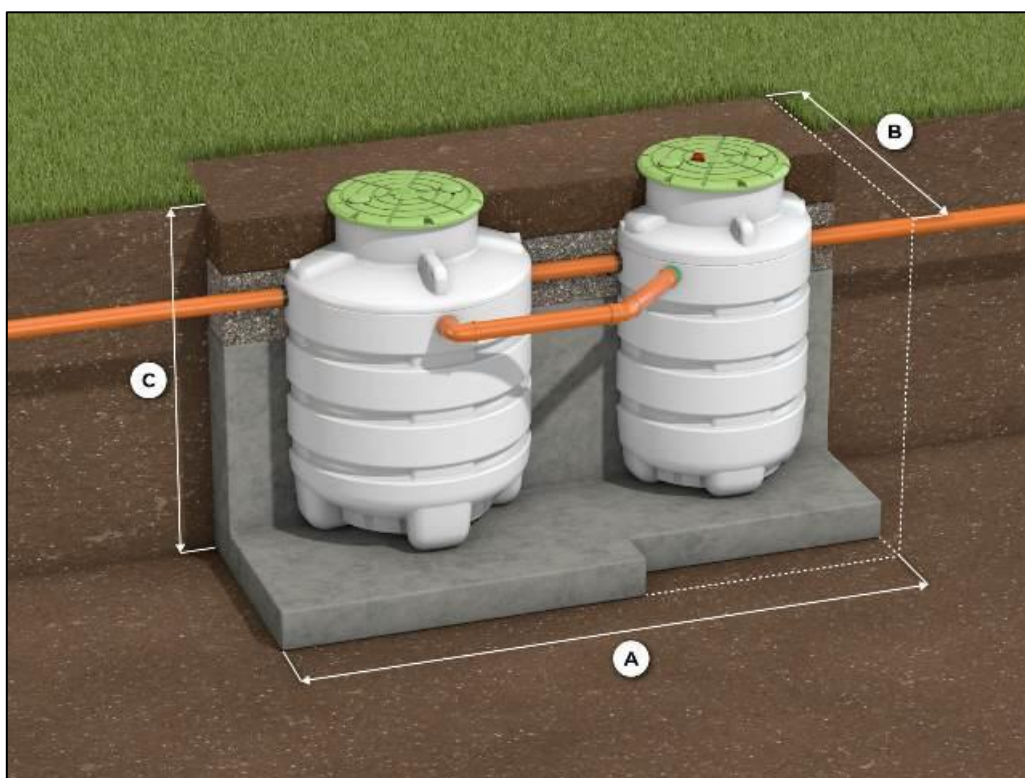
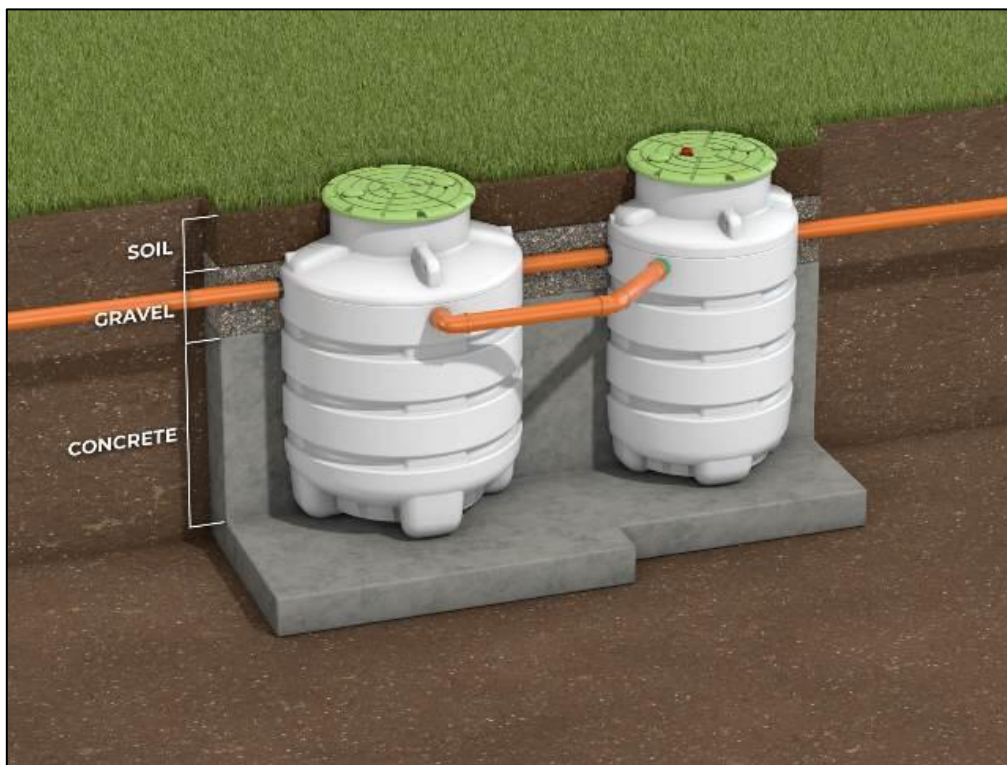
Pumped Outlet tanks will have a separate Blower Housing.

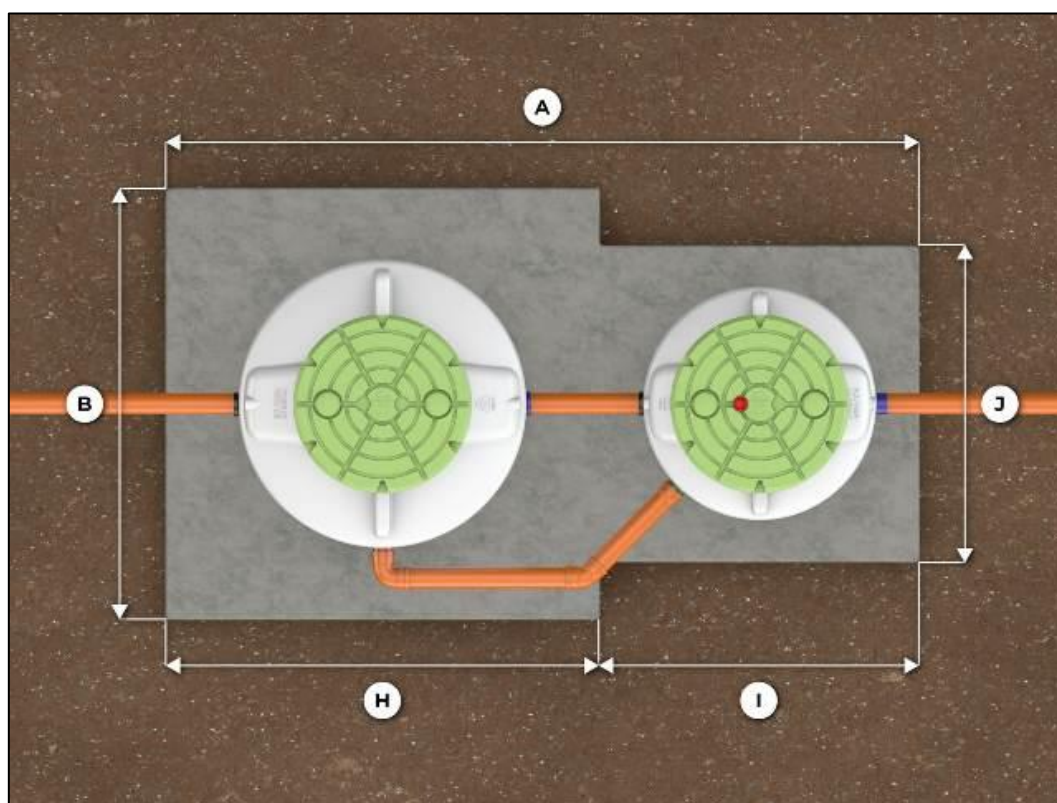
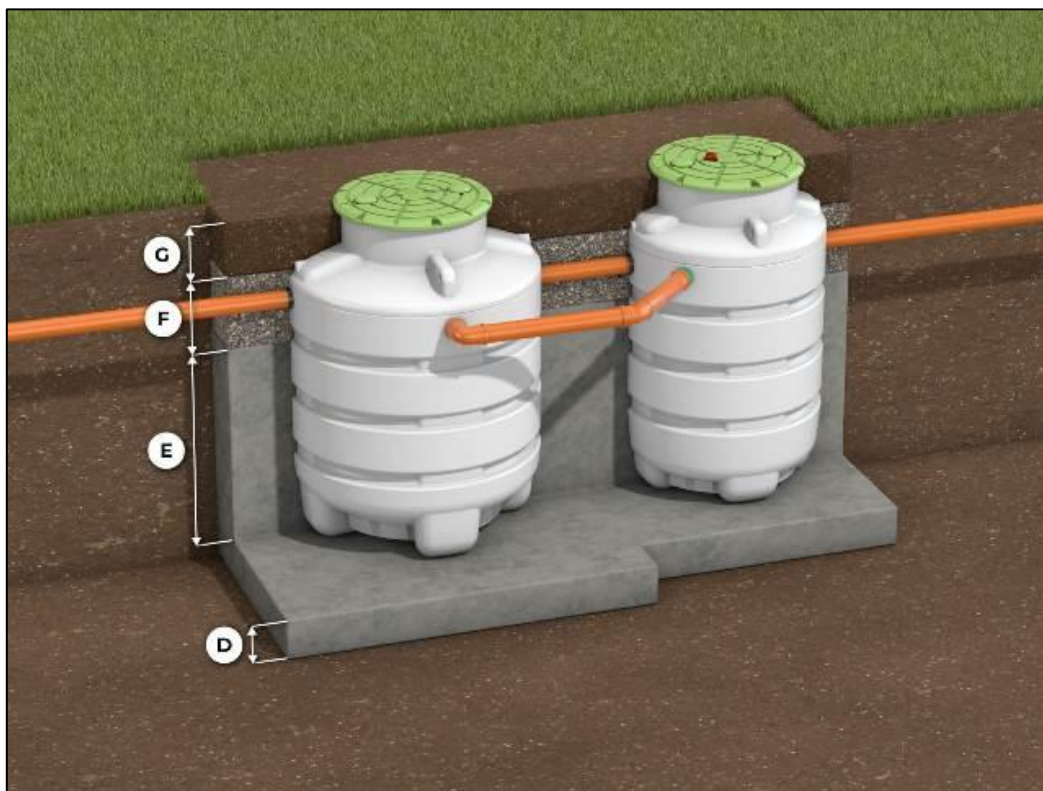
The two air hoses in Tank 1 need to be pulled through the 110mm pipe that connects the two tanks and connected to the Regulator in Tank 2.

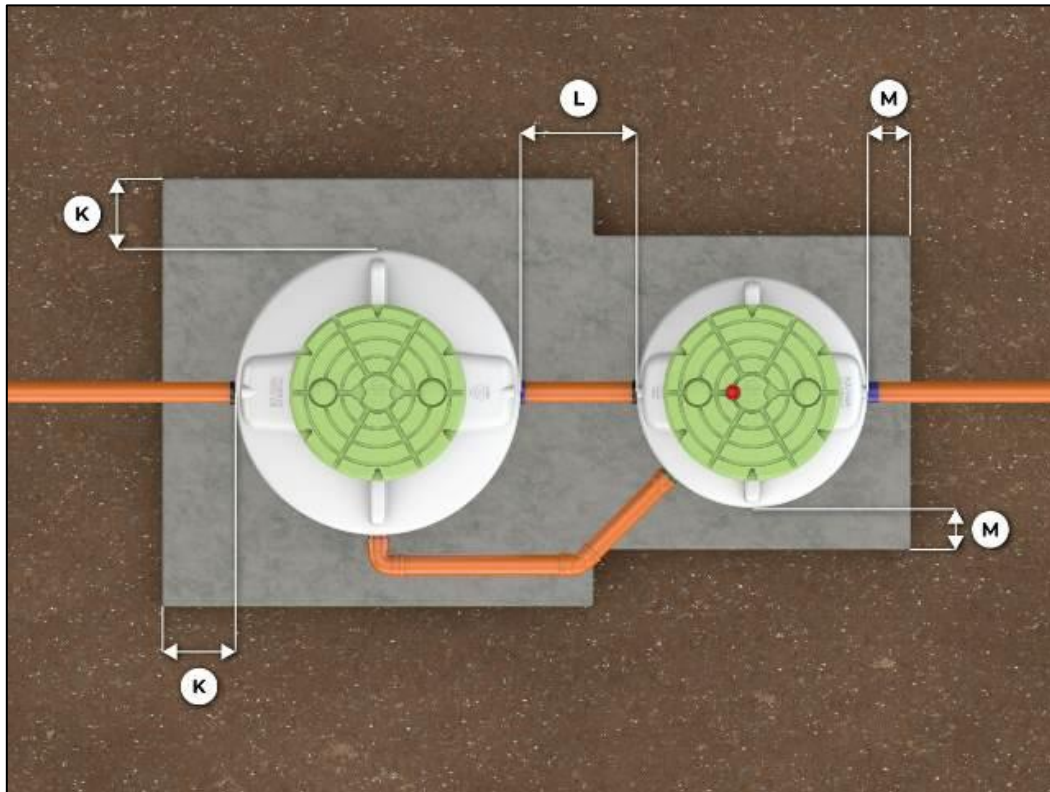
Red Hose = Vibro Screen

Clear/White Hose = Diffuser

The hoses need to be cut to the minimum required length.







Backfill	Wet Site	Saturated Site
Length (A)	3,810mm	3,935mm
Width (B)	2,250mm	2,250mm
Height (C)	Height of tank +150mm	Height of tank +150mm
Base (D)	150mm	150mm
Concrete (E)	1,400mm	Tank Height - 200mm
Sand/Gravel (F)	To Suit	None
Soil (G)	200mm	200mm
H	2,250mm	2,250mm
I	1,560mm	1,685mm
J	1,650mm	1,900mm
K	375mm	375mm
L	500mm	500mm
M	218mm	343mm