



# **Maintenance Document**

## **For maintenance of the**

### **Stack Drain Kit**

**Version: 1.0**

**Date: 26.09.2018**

If any instructions given in this document are unclear or you require further advice please feel free to contact us at [info@thedrain.company](mailto:info@thedrain.company) at any time, we will do our best to respond as quickly as possible.

This document outlines the best course of action to maintain the stack drain during its period of use.

The Stack Drain Kit has been designed to make your life easier when it comes to cleaning away detritus that has built up over time, a problem that is common to all drain solutions. Each cone has been fitted with a filter to stop falling objects such as stones, twigs and leaves. Objects which silt will stick to and thus reduces the drainage potential of any drainage solution.

The filter of the cone can be seen below, highlighted in Red

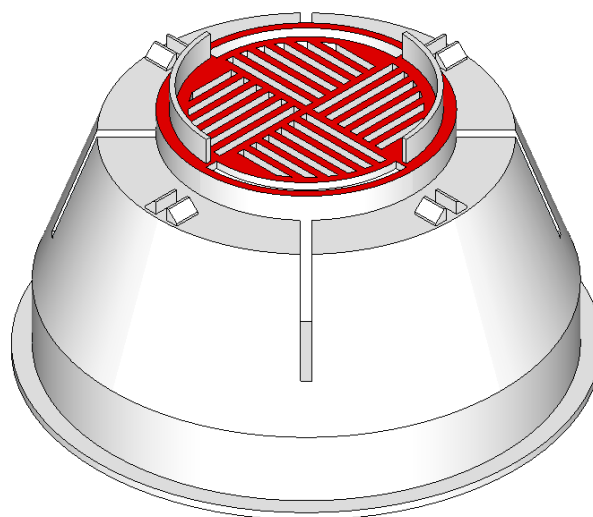


Fig.1

The filter element of the cone is made twice as effective when installed thanks to the last inverted cone which forms the funnel of the drain, as shown below, again highlighted in Red.

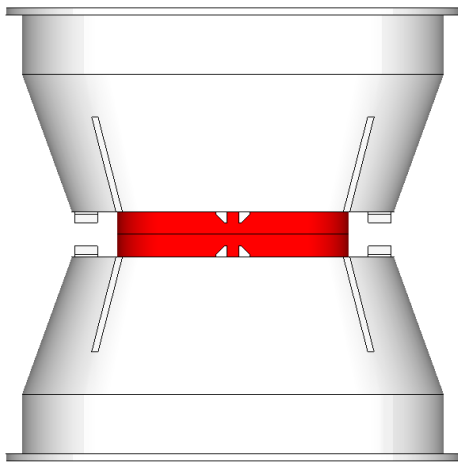


Fig.2

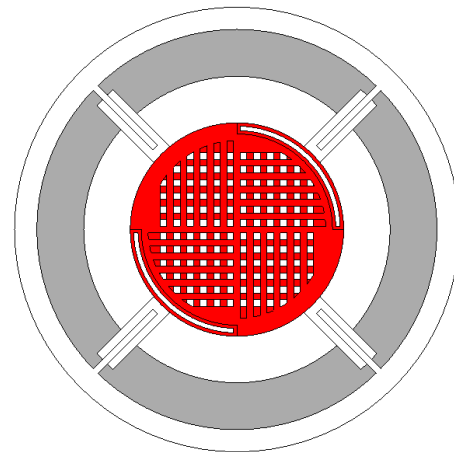


Fig.3

This unique design creates a lattice effect filter when two cones are combined in this manner, making it much harder for detritus to work its way through the stack.

This also has the added advantage of anything falling into the Stack Drain being caught at the top of the Stack and not the bottom. In turn this means you will not be reaching deep into the ground to clean.

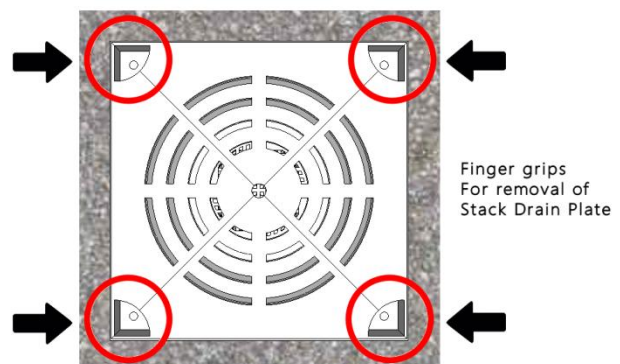
The process for cleaning is explained below,

## Cleaning the filter of the Stack Drain:

The cleaning of the Stack Drain is as simple as removing the Stack Drain Plate followed by the top Stack Drain Cone. Wash / brush away any detritus within the Stack Drain Cone, then return the cone and plate to their original positions.

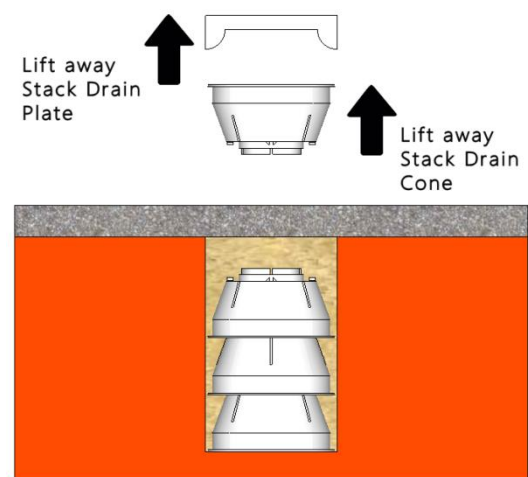
### Step 1.

Pick up the plate from the ground using the finger grips in each corner.



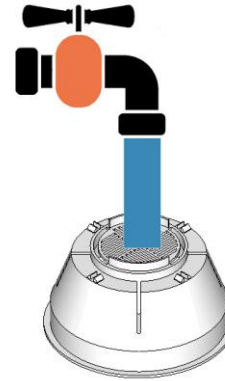
### Step 2.

Lift away the inverted Stack Drain Cone that is directly under the Stack Drain Plate. If you are careful the sharp sand will retain its position, making it easier to place the cone back in position once cleaned.



### Step 3.

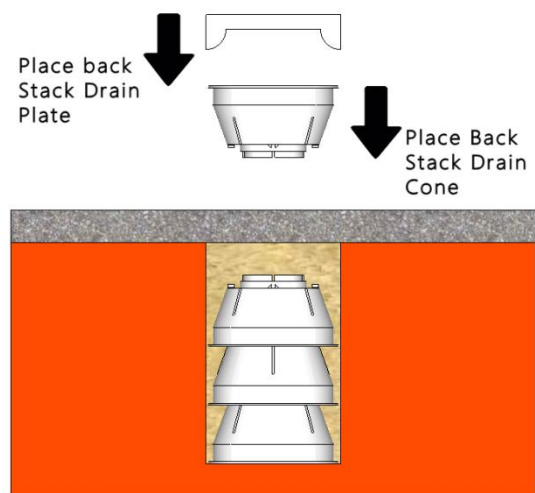
Wash the inverted Stack Drain Cone with water and a stiff brush.



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### Step 2.

Place back the inverted Stack Drain Cone, making sure that it interlocks with the cone that is directly underneath. Push the Stack Drain Plate back into position making sure it is level with the surrounding surface.



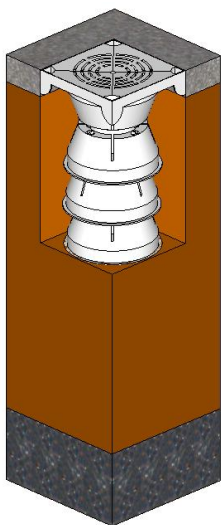
## How to increase the depth of the Stack Drain:

If you decide to increase the depth of the Stack Drain, either at the time of installation or at a later point, in order to increase its maximum drainage potential. Then simply follow the same instructions as given in this document.

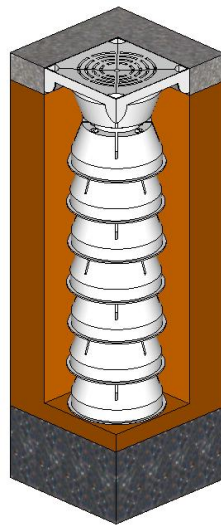
However you do need to be mindful that there is no benefit in excavating a shaft that is deeper than the water table.

The water table, for the benefit of this installation, is the point that you excavate to and the water no longer drains away. This point will differ in winter and summer seasons, and depending on the local average rainfall.

**Fig.16**



Stopped excavation  
before water table



Stopped excavation  
before water table



Excavated passed  
water table