Corten Water Feature Step-By-Step Installation Guide

What Is Included

1 x Corten water feature (basin & table)
1 x Corten light set cap
1 x Oase Universal Aquarius 600 pump - 240v
1 x Spiral hose - 20mm - 1m
2 x Stainless steel hose clips - 16mm to 27mm
1 x Aquascape fountain light - 12v
1 x Aquascape low voltage transformer - 6w - 12v
1 x Standard 3-pin black plug - 13 amp

Tools Required

Clean gloves
Water pump pliers
Screwdriver
Spirit level

Step 1

Create a level base for the water feature to sit on. For non-weathered features, we recommend installation on pea gravel to prevent rust staining on decking or paving.

Step 2

Remove the water table section to give you access to the inside of the water table element. Unthread the hosetail barb from the water feature light set. Pull the light set cable through the hole in the water table top, from the outward facing side to the inward facing side - the outward facing side features the lip around the edge of the water table. Line the cable up with the notch cut out of the hole, with the threaded section in the centre of the hole.

Step 3

Now, from the inside facing side of the water table, thread the hosetail barb onto the thread of the light set, sandwiching the corten steel between the light and the hosetail barb. Water pump pliers can be used at this stage to line the threads up and to aid in tightening. Be careful not to overtighten the thread or to crush the hosetail with the water pump pliers.

Step 4

Place the pump inside the water feature basin. Within the basin, you will see a stem with a hood over the top of it. This is the overflow pipe, but also acts as the cable entry into the feature, eliminating any need for cable transitions. Trail the pump and light set cables through the overflow, from inside to outside. Pull these out from underneath, leaving a little slack within the water feature.

Step 5

Thread the provided multi-stage hosetail onto the pumps outlet thread. This hosetail has 13mm, 19mm and 25mm steps. We will be using the 19mm barbs, so the 13mm section can be removed with a hacksaw if desired. Connect the spiral hose onto the hosetail. Using one of the stainless steel hose clips and a screwdriver, secure the pipe in place.

Step 6

Connect the other side of the pipework to the barbed water feature light set, now installed on the water feature table element. There are two barbed sections on these, 13mm and 19mm. We will be using the 19mm section again, so push the spiral hose all the way up to the butt of the hosetail. Use the remaining stainless steel hose clip to secure the pipe in place, again using the screwdriver.

Step 7

Fill the basin with water and ensure the pump is seated in a position where it is fully submerged. Check the flow control valve located within the sliding cage, ensuring it is not fully closed. This can be adjusted to achieve the perfect flow rate. We recommend starting at 75% open before reducing or increasing the flow to your desired amount.

Step 8

Plug the twist connector from the water feature light set into the 12v transformer. Ideally, this transformer should be located away from the water feature and can be mounted using the screw holes on the transformer casing. The light set cable is 4.5m in length, but this can be extended by a further 7.6m if required using an Aquascape low voltage extension cable (ASL8130).

Step 9

Put the water table top onto the basin, taking care not to trap any cable or pipework as you place it on. Finally, add the corten cap to the light set to hide the plastic ring. Plug the pump and lighting transformer into your outdoor sockets, and turn the system on! At this point you can carefully lift the lid off to access the pump to change the flow rate if required.