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# Plunge Pool DIY Guide

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## Disclaimer

These Design Notes, Tips and Tricks are supplied for **informational purposes only**. [www.buildahottub.com](http://www.buildahottub.com) and Amandi Holdings Limited assume no responsibility for loss, injury or damage that arises out of misuse of this information.

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## Foreword

Hello,

Thanks for downloading the design from [www.buildahottub.com](http://www.buildahottub.com)

I hope you find it useful. Always happy to hear any feedback that you have so do feel free to drop me a line at [andi@buildahottub.com](mailto:andi@buildahottub.com)

If you feel there is something that I have not covered in this document, please let me know. I am always looking to make sure my documents are as complete as helpful as they can be.

The dimensions of the plunge pool can be changed to suit your needs. They are by no means fixed.

Likewise, the position of the skimmer can also change. Just as a note, you do not have the inward return from the pump on the same side of the pool as the skimmer. It needs to be on a different wall to ensure that there is flow to filter your pool. There should also be two for safety and flow.

Enjoy your Plunge Pool

Andi



## Overview of the Plunge Pool Design

The plunge pool or cocktail pool has been designed so that it is simple to build and the costs remain low. Bringing in a professional pool builder can run into thousands of dollars to this simple design you should be able to build for under \$10K depending on how you choose to finish the pool

The plumbing consists of a simple setup. Two inward drains, a circulation pump, a cartridge filter, an electric heater and pump controls and then two inward flow inlets into the pool to return the water.

The pool comprises of a lunge area, steps down into a simple rectangular plunge pool.

The pool can be built out of block or it can be formed and poured as you choose.

## Structure

The Plunge Pool is designed to be constructed out of cinder blocks (CMU). You will need approximately 300 cinder blocks (16" x 8" x 4") for the 10 x 7' build, (400 for 12' x 8') (500 for 14 x 10'). Allow 10% for wastage and cutting.

## The Base

### Measuring Up for your Base

First, you will need to measure the area where your Plunge Pool is going. This includes measuring how deep and wide it needs be so that there are no issues with stability or safety later on. No one wants their new Plunge Pool to collapse, so you have be sure that it is sturdy enough for the job! You also might want to consider where you are going to place the Plunge Pool cover (if you are going to have one) when it is removed. They can be quite large so it is a good idea to have a space ear marked for where it will sit whilst you are in your pool.

The next step is to decide what kind of foundation you would like. If your budget allows, a poured concrete slab will be the best option for stability and longevity! This can also help with drainage issues as well since it makes water pooling less likely than if there were just dirt or other materials underfoot; this could lead over time too subsidence of your tub into the ground which we clearly want to avoid.

## Clear the Area for a Concrete Slab or Base for your Plunge Pool

Next up: make sure all of this space has been cleared out for construction purposes too (this means removing any trees/bushes from around). It's important not just because they can get damaged during construction but also due their roots getting into concrete which could cause problems over time as well...and we don't want anything like a tree root coming through our new slab now do we? 😊

