

#### Step 16

Once all the ornamental gravel has been added in and around the container, it would be a good idea to fill the container and reservoir with water. This will ensure the container will have as much water as possible and will not run dry for the maximum amount of time.

**Leaving the water feature to run dry will damage the pump and make it unable to operate.**

Ensure the water fountain kit is full of water at all times when in operation, if desired the water feature can be turned off while not required.

The water fountain kit may need topping up more regularly in hot weather.

#### Warning

To reduce the risk of electrical shock, connect only to a properly grounded, grounding-type receptacle (GFCI).

Do not exceed the voltage shown on the pump label. Inspect cord for damage before installation and/or maintenance. Replace entire pump if damage is found.

Always disconnect pump from the power source before beginning any maintenance or work on the pump.

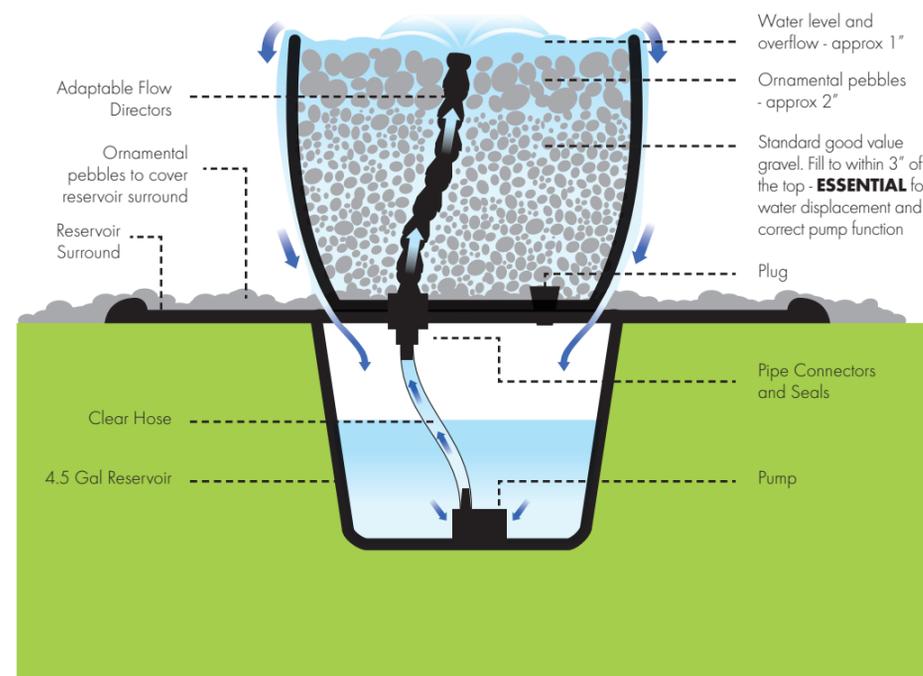
Do not remove the grounding pin from the power cord plug.

#### Caution

- Use a proper power source as indicated on the pump label.
- Keep the cord away from high temperatures or other heat sources.
- Do not let the pump run dry. Pump must be completely submerged for proper operation and cooling.
- Do not use the pump in water exceeding 86° F.
- Do not pump heated liquids.
- The pump is not intended for use in swimming pools or hot tubs.

## REGULAR 15" CONTAINER (MAX 4 GALLONS) SET UP

El estándar 15" (W) olla (4 galones) el conjunto arriba



#### Guarantee

This product is guaranteed against defects in material and workmanship for 2 years from the date of purchase, under normal usage. The guarantee DOES NOT APPLY in case of improper use, negligence, lack of maintenance or accidental damage to the water fountain Kit. If the water fountain kit fails due to a manufacturing fault within this period it will be either repaired or replaced free of charge. Liability is limited to replacement of the faulty product only; no other costs will be reimbursed.

This guarantee is not transferable and does not effect your statutory rights. This guarantee does not confer any rights other than those expressly set out above. Excludes consumable parts (pump Impellor). If any parts are needed, spares are available from your retailer. Please see getting to know your water fountain kit on page 1 for part descriptions.

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**Aquagarden**<sup>TM</sup>  
beautifully simple water gardening

# water fountain kit

turns a container into a water fountain

Instrucciones español disponible descargar en:  
[www.PenningtonAquagarden.com](http://www.PenningtonAquagarden.com)

contains: reservoir,  
pump and fittings

does not need a permanent  
water supply

**PENNINGTON**  
**Aquagarden**<sup>TM</sup>  
beautifully simple water gardening

#### Consumer Advice Contact Information

Telephone: 1-800-285-7333

Pennington 1280 Atlanta Hwy. Madison, GA 30650  
[www.PenningtonAquagarden.com](http://www.PenningtonAquagarden.com)

Leaflet Code: 01/11/11

#### Important

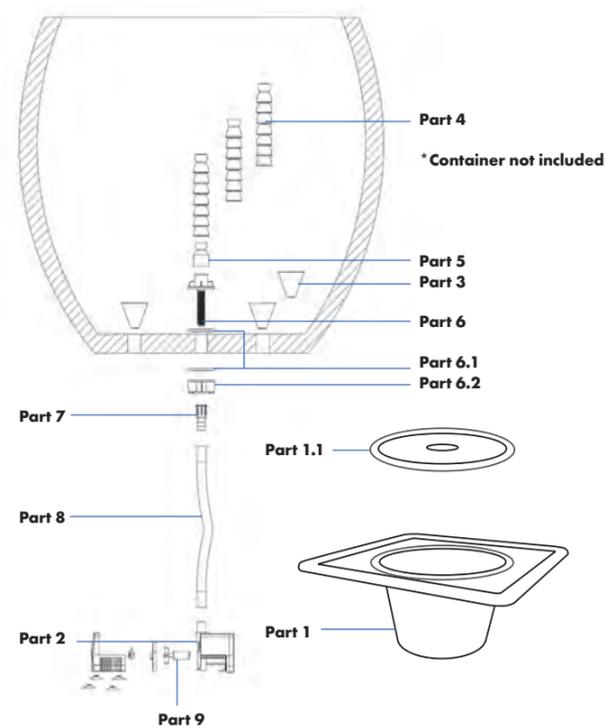
Please attach proof of purchase to this manual and file in a safe place.



# water fountain kit

turns a container into a water fountain

Getting to know your water fountain kit



Pump Technical Data	
Cable Fitted	16'
Voltage	120V
Watts	10w
Maximum Lift	4' (1.2m)
Maximum Flow	130 GPH
Hertz	60 Hz
Amps	0.23
Warranty	2 Years
Safety Rating	UL / CE

## Kit Includes

Part Description	Quantity	Part No.	Spare Code
4.5 Gallon Reservoir	1	1	N/A
Reservoir lid	1	1.1	N/A
Water Fountain Pump	1	2	1051736
Rubber plugs	3	3	N/A
Flow Directors	21	4	N/A
Base Director	1	5	N/A
Connection pipe	1	6	N/A
Connection pipe seals	2	6.1	N/A
Connection pipe lock nut	1	6.2	N/A
Screw on Hosetail	1	7	N/A
Length of Silicone pipe	1	8	N/A
Pump Impellor	1	9	1051798

## Kit does not include:

- A container to the maximum size of 15" (width) with a maximum 4 gallon capacity. Anything smaller is acceptable.
- Value gravel to fill the bulk of the container One ½ CU.FT (14lb) bag.
- Ornamental gravel of your choice to top off the inside of the container and cover the base of the reservoir. Two to three ½ CU.FT (14lb) bags.

## Step by Step Guide Estimated assembly time: 1 hour

### Step 1

Please remove all of the relevant parts from the packaging and double check that all of the items are there (use the complete parts list and exploded diagram above to check this)

### Step 2

Identify a suitable area where your new water feature can be placed, ensure that the area is level with a firm base. But ensure the ground is an area where it can be easily dug for the reservoir to be positioned. Also note the length of cable that has been supplied (16') and that the position found is close enough to your desired power source.

### Step 3

Now a suitable area has been identified, dig a hole of the following dimensions 10 ¾" wide by a depth of 10 ½". See the below image for a visual reference.



### Step 4

Ensure the newly dug hole is big enough by using your dry reservoir as a tester. The complete bottom part of the reservoir must sit beneath the ground level but still be supported by earth underneath and around the sides.

The surrounding flat section of the reservoir must be supported underneath and just below ground level as this will be hidden by ornamental gravel later on.

Ensure the reservoir is level then move onto step 5.

**Tip:** For best results in soft ground use half a CU.FT (14lb) bag of sand underneath the reservoir surround for maximum support.



### Step 5

Now the main section of the reservoir (Part 1) is installed and correctly supported you can now connect the rubber plugs (Part 3) to the selected container.

Depending on the number of holes at the bottom of the container will determine how many plugs you will need to install. For instance 3 holes at the bottom of the container will mean 2 plugs will be used.

However if there are no holes present on your chosen container you will need no rubber plugs and you will have to drill the container to a minimum dimension of ½" to a maximum dimension of 1 ½". Ensure the container is suitable to be drilled, if not, another container will need to be selected for your water feature.



### Step 6

Ensure the rubber plugs are pushed in tight to the holes at the bottom of the container; these plugs will stop water leaking from the bottom of the container back into the reservoir. This is because water needs to fill the container completely to allow the water to overflow the sides of the container and fully create the water feature effect. See the last image for reference.

**Tip:** If you are finding the plugs keep coming out of the container too easily, use a small amount of plumbers tape around the plug to help it stay in place. This is because some containers are not drilled smoothly making it harder for the plugs to stay in place. All containers are different.

### Step 7

With the rubber plugs in place you will have one empty hole left at the bottom of your container; this hole is for the connector pipe (Part 6). Two seals (Part 6.1) are present on the connection pipe, one needs to be removed from the screw on section. See image 1. on step 8 for reference.

### Step 8

Once the screw on section and one of the seals have been removed, you now need to attach the threaded connector pipe to the bottom of the container through the empty hole. See image 2. Ensure the threaded section is facing downwards with one of the seals in place between the container hole and the connector pipe base attachment. Now using the other seal, push onto the bottom end so there is a seal either side of the container. See image 3 below. Once this is done you can add the lock nut (Part 6.2) to the thread part on the connector pipe. Screw this all the way down until its hand tight and both seals are squashed evenly and firmly to make a perfect seal. See image 4.



**Note:** Dripping from the plugs on the container seals is to be expected and will NOT affect the appearance of the feature in use.

### Step 9

Next the pump will be needed to be set up on the bottom of the reservoir as per the image below. Ensure the yellow flow control on the side of the pump is turned all way open, there is a small + symbol that tells you which way to turn it fully open.

The supplied silicon pipe will now need to be cut to size to avoid unwanted kinks or bends, this can badly affect the pump flow if incorrectly set up. Then screw on the hosetail (Part 7) to the end of threaded connector pipe (Part 6) until fully screwed on.



Then using the silicon hose push fit it to the hosetail and attach the other end to the pump to work out the distance needed. Different size pots will need different lengths of hose so it's important to get it right. Once you know the correct length, detach the pipe from the pump side and cut the hose with a pair of scissors carefully.

**Warning:** Pots can be heavy, ensure that at least two people are carrying out the steps to ensure no injuries occur while in operation. Not to be done by Children.

**Warning:** Ensure the pipe is cut to the right length, if cut too short the pump will not be on the bottom and may run dry in operation.

**Note:** Container can sit off centre to allow clear hose to fit through reservoir lid hole.

### Step 10

Now the pipe is cut to the correct length, take the reservoir lid (Part 1.1) and position it between the supplied silicon pipe which is still connected to the container but ensure it's facing upwards towards the container base. Now carefully attach the other end of the pipe to the water feature pump outlet. The container can now sit on the reservoir comfortably, don't worry if it is not level yet as this will be covered later.



### Step 11

The base director and flow director can now be added to the inside of the container. The base director (Part 5) is designed to be pushed straight onto the top of the connector pipe and facilitate the flow director to be attached on top. See the parts diagram for reference. They are designed so that if one of your container holes is not centred, the flow directors can be bent to ensure that the top end outlet will be in the centre of the pot once filled with gravel. Try and use a minimal amount of flow directors as possible with the last one slightly higher than the rest to make the optimum water disturbance, see front image for reference.



**Tip:** The flow directors can be hard to pull apart, by using a pair of small pliers they can be taken apart much more easily.

### Step 12

Before we add any gravel to the container we must test all the seals are correct and the pipe is not kinked or bent below the container. Water can be added to the reservoir for the first time, once filled to the top of the reservoir connect the pump to a suitable power source, consult the safety warnings at the back of this manual before finishing the installation of the pump.

Ensure the pump cable is slotted between the reservoir and the reservoir lid, there is a special indent section that the pump cable can fit into to ensure it doesn't get damaged and is not visible once filled with gravel later on.



Flow from the pump should start to fill the empty pot at a rate of 145 gallons per hour; it should look similar to the flow on the image below.



The purpose of this dummy run is to check for any major leaks around the plugs and connector pipe seals then turn the pump back off. If the flow rate is correct, and there are no major leaks the dummy run has been a success and you can move onto step 13. If the flow rate is restricted or none existent check all the flow directors, feature pump parts, silicon pipe, the power source and then re do step 12.

**Warning:** Without gravel in the container at this stage, the reservoir may run dry because the container capacity is to large. Ensure pump is turned off until gravel is added later on.

### Step 13

This step is now at the stage of adding the value gravel to the bottom part of the container, see images below. Ensure the value gravel fills the container up to the 3 inch line as annotated on the image above right.

**Tip:** It is advisable to wash and clean the gravel before adding to the container to ensure the water is clean in operation.

Gravel can also be added to the underneath part of the container to ensure its 100% level, as the plugs will be a different size with each container. This gravel will be needed underneath the container to ensure the water level in the container is level at the top of the container.



Once the value gravel has been added to the bottom part of the container, the ornamental gravel can be placed on top of the value gravel to complete the inside of the container. Ensure the gravel is filled to just under an inch of the top rim of the container to ensure there is enough water displacement inside the container.



### Step 15

Once happy with step 14, double check the following: Container position is it level and firm? Pipe position with no kinks or bends? Pump flow correct? Cable position between the reservoir and the reservoir lid positioned correct? No leaks or plugs unattached? If all the above are correct you can now add the remaining ornamental gravel around the surround of the container to complete your water fountain kit.