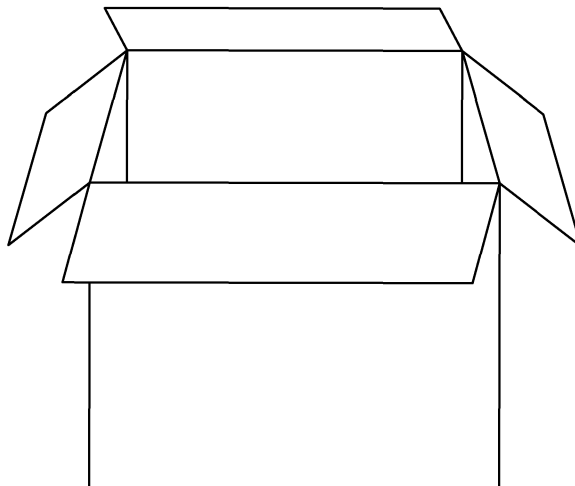
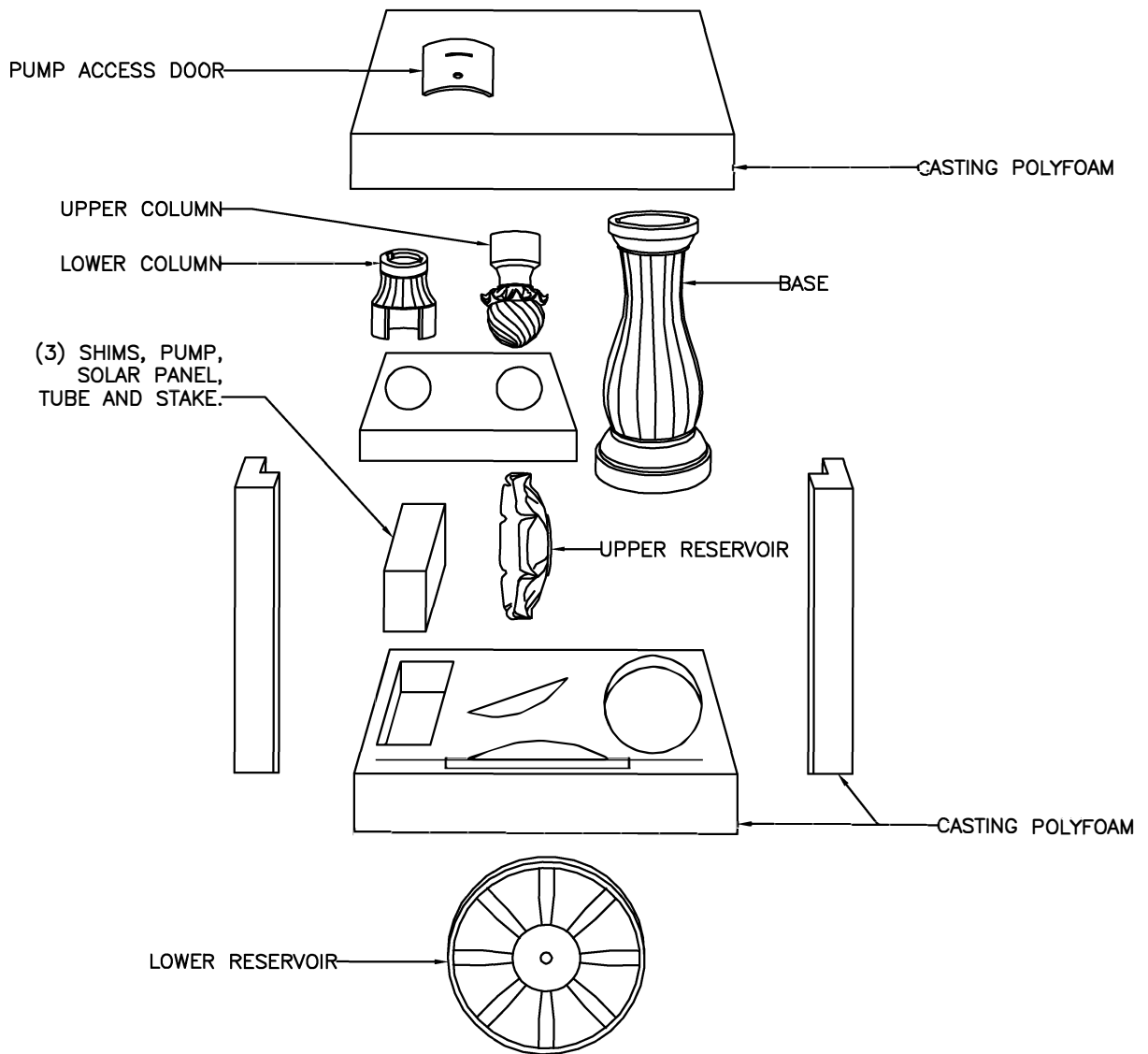


MODEL: NSD10046

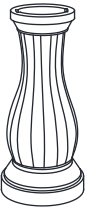
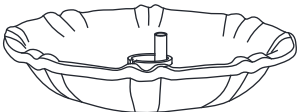
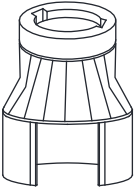


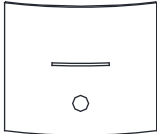

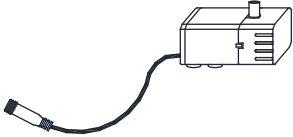
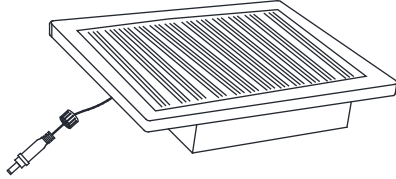



PACKING DIAGRAM



NSD10046 Parts List



You should have received the following parts in the package. Please ensure that all parts are accounted for.

<p>A BASE</p>	<p>B LOWER RESERVOIR</p>	<p>C LOWER COLUMN</p>	<p>D UPPER RESERVOIR</p>	<p>E UPPER COLUMN</p>
				
<p>1 PC</p>	<p>1 PC</p>	<p>1 PC</p>	<p>1 PC</p>	<p>1 PC</p>
<p>F PUMP ACCESS DOOR</p>	<p>G SHIMS</p>	<p>H PUMP</p>	<p>I SOLAR PANEL & BATTERY</p>	
		 <p>REPLACEMENT PART: SPUMP2100</p>	 <p>REPLACEMENT SOLAR PANEL: SPANEL2100 REPLACEMENT BATTERY: BATTERY2100</p>	
<p>1 PC</p>	<p>3 PC</p>	<p>1 PC</p>	<p>1 SET</p>	
<p>J TUBE</p>	<p>K STAKE</p>	<p>L AC CHARGER</p>		
		 <p>REPLACEMENT PART: AC CHARGER</p>		
<p>1 PC</p>	<p>1 PC</p>	<p>(optional accessory)</p>		

Care and Instruction Manual



NSD10046 ASSEMBLY INSTRUCTIONS

Please reference the separate parts list and ensure that all pieces are included in the package prior to assembly.



More than one person may be required to complete the assembly of this product.



To protect the finish, place all parts on a soft surface when unpacking.



When assembling ensure that all parts are firmly tightened.



Make sure solar panel is not in shadow and receiving direct sunlight.

Choose a location:

This freestanding water feature is attractive from all sides and can be used to highlight any area where the solar panel can receive direct sunlight.

This water feature is designed for outdoor use only. It cannot be used indoors.

Also consider the location of the solar panel. The pump has a 10' cord and should be connected to the solar panel.

For best results the water feature should be placed on a firm, level surface.

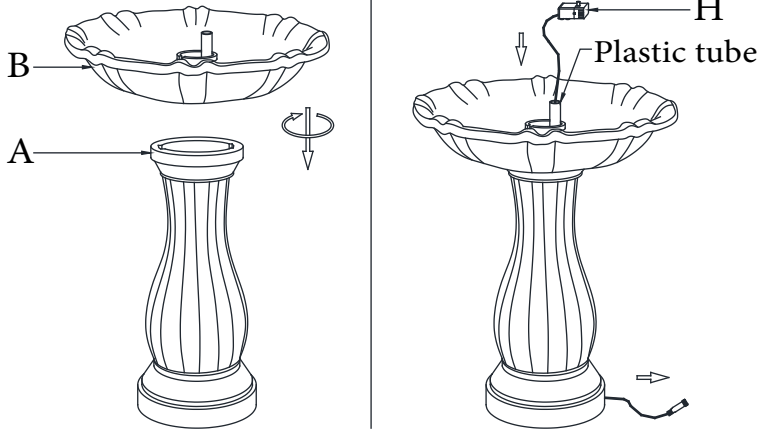
1

NSD10046 ASSEMBLY INSTRUCTIONS

2

Place lower reservoir (B) onto base (A) and twist it clockwise to secure.

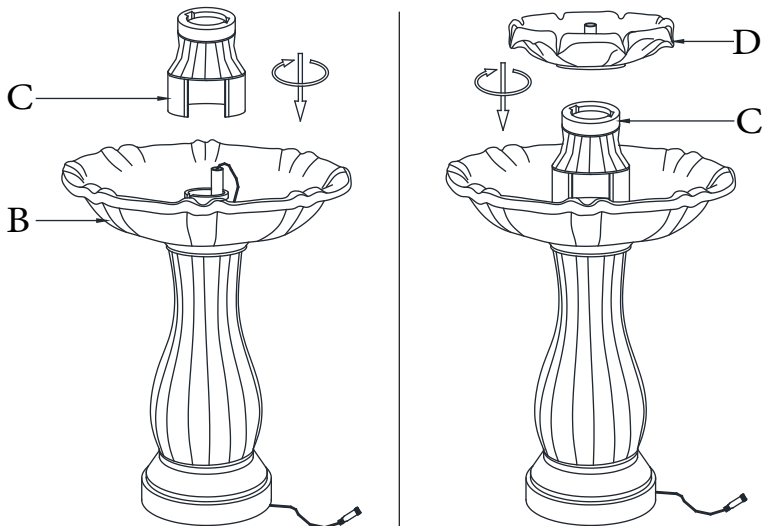
Feed pump power cord (H) through plastic tube. Cord should exit through notch in base (A).



Place lower column (C) into lower reservoir (B) and twist it clockwise to secure.

Place upper reservoir (D) onto lower column (C) and twist it clockwise to secure.

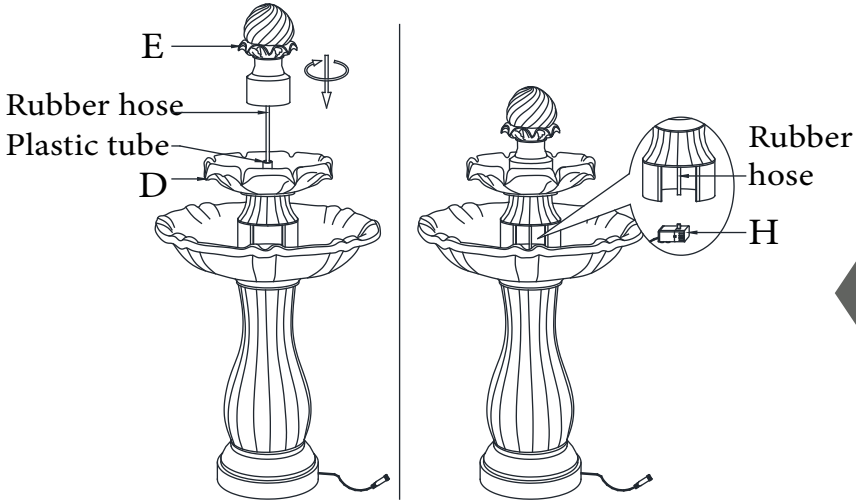
3



NSD10046 ASSEMBLY INSTRUCTIONS

Feed rubber hose through plastic tube. Place upper column (E) into upper reservoir (D) and twist it clockwise to secure.

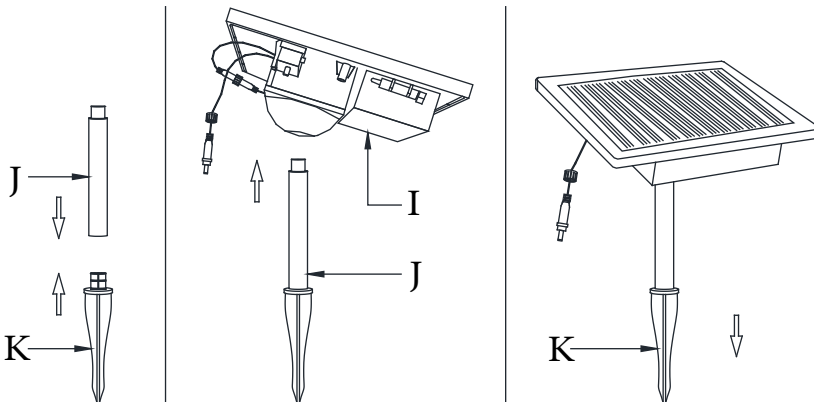
Attach pump (H) to the rubber hose.



4

Join the tube (J) and stake (K) together and insert tube assembly (J) into hole in back of solar panel (I).

Insert the stake into the ground where the panel can receive direct sunlight.

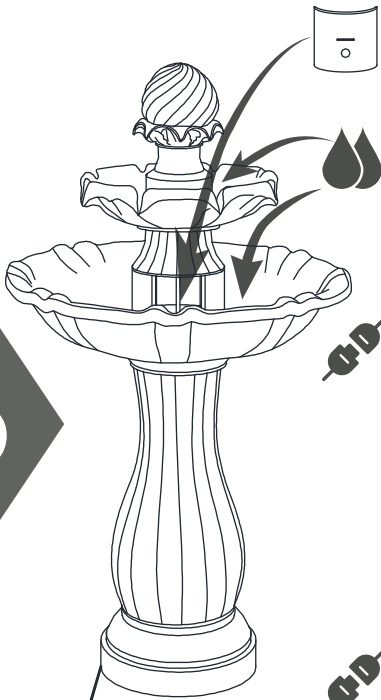


5

NSD10046 ASSEMBLY INSTRUCTIONS

6

FINAL STEPS



Place pump access door (F) to cover entry of lower column (C).

Fill reservoirs (B, D) with distilled water. Water level should stay above fill line on pump access door when fountain is running.



Optional Accessory:

(Model# AC charger), connect the connector from AC charger (L) with the green battery connector on solar panel (I) and screw the cap tightly, plug AC charger (L) into outlet to charge the battery.



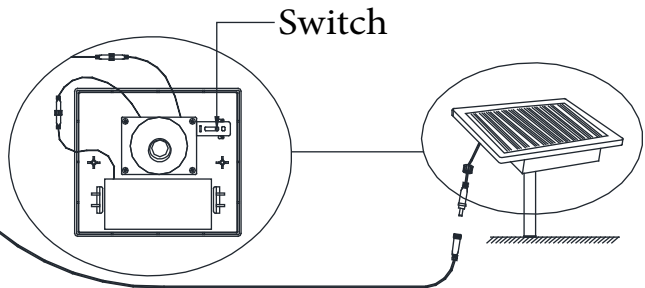
Connect the connector from pump (H) with the connector from solar panel (I) and screw the cap tightly.



Turn pump on at switch on panel.



Use shims (G) to level fountain as necessary.

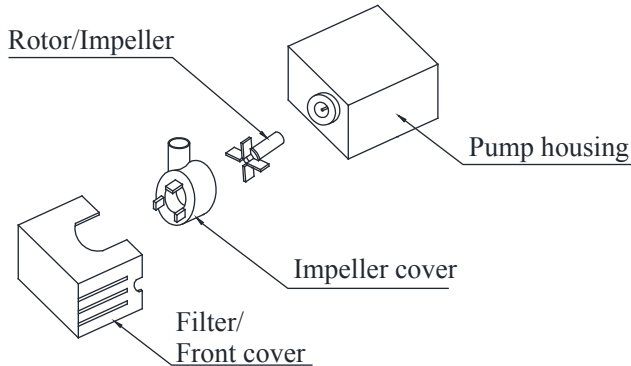


NSD10046 ASSEMBLY INSTRUCTIONS

PUMP SAFETY & TROUBLESHOOTING

To keep water clean

- Periodically change water to prevent algae buildup.



If the pump fails to run:

- Make sure the solar panel is receiving direct sunlight. Performance is directly related to the amount and strength of sunlight received.
- See solar panel troubleshooting. You may need to boost charge or replace the battery.
- Check tubing for kinks and obstructions.
- Check connections between pump and panel and battery.
- Clean pump as described below.

With low flow rate, the pump will spew or “burp”:

- Check the water level to make sure the pump is completely submerged, water should always be above the min fill line (not all water features include min fill line).


If abnormal noise is heard during operation (with water):

- Disconnect the power supply and then remove the pump front cover and impeller cover.
- Use hand to grip the impeller, gently pull the impeller/rotor assembly out of the pump housing.
- Rinse the impeller/rotor assembly and the cavity with clean water. You may also use a soft brush to clean pump surfaces.

If breakage or surface damage is found in the assembly contact Customer Support for a part replacement.

NSD10046 ASSEMBLY INSTRUCTIONS

WATER FEATURE WARNINGS & SOLAR PANEL TROUBLESHOOTING

- Splashing may occur when the fountain is first turned on, protect surrounding surfaces as needed. Do not place the water feature on or near any surface that can be damaged by water.
- Distilled water is recommended to reduce mineral deposits, bacteria build up and algae that may damage the water feature basin and pump. 
- Keep small children and pets away from the water feature; they can fall into the water feature and drown.
- Once a week inspect water feature, floor and adjacent wall for moisture build-up and clean as necessary. This is especially important for humid environments.
- Use water or glass cleaner to clean the surface of the solar panel.
- Rechargeable battery packs become less efficient with repeated charge/discharge cycles. If you find that the battery appears less efficient we first suggest you try to boost charge it. To do this leave the panel switched off for 3 to 5 sunny days to allow the maximum charge to the battery. We suggest you do this occasionally anyway to help prolong the battery life. If problems persist please contact customer support for a replacement battery (Replacement part BATTERY2100).
- To replace the battery disconnect the green battery connector and slide out the battery pack. Replace with new battery and reconnect. Dispose of battery according to local regulations.
- *This water feature is designed for outdoor use only. It cannot be used indoors.*

NSD10046 ASSEMBLY INSTRUCTIONS

FREQUENTLY ASKED QUESTIONS

What should I consider when selecting a water feature?

In addition to your personal style tastes, be sure you have an area for your water feature that can be safely exposed to water, as splashing can occur. Also take into consideration what a water feature can add to your environment: the sound of flowing water or decorative lights.

Can my water feature be left outside over winter?

This water feature is rated for outdoor use; however certain weather conditions may adversely affect your water feature. If the temperature in your region is at risk of dropping below 33° F, your water feature should be “winterized” before the cold weather arrives. To winterize:

1. Fully drain your water feature of all water.
2. Disconnect the hoses, pumps, solar panel and lights.
3. Clean all components thoroughly, paying special attention to the pump to prevent residue build-up.
4. Allow all parts to dry.
5. Store parts and water feature in a safe, weather-free environment.

What kind of water should I use in my water feature?

The best water for your water feature is distilled water. This can help prevent and reduce bacteria and algae buildup. If you do not use distilled water, more maintenance will be necessary to keep the water feature clean.

How do I clean my water feature?

Oils, dirt, and algae can all build up on the water feature over time. The best way to restore your water feature to its original state is to empty all the water from the water feature and use a mild soap (like dish detergent) and an acrylic brush to clean all the parts.

NSD10046 ASSEMBLY INSTRUCTIONS

FREQUENTLY ASKED QUESTIONS CONTINUED

How much water do I need to keep in the water feature?

Where possible in our water features, we have included fill lines to help you visualize the water level required for proper function. If your water feature does not include fill lines, please check the instruction manual for water capacity. The most important aspect to keeping your water feature functioning is to insure the pump is submerged in water at all times to prevent damage to the pump.

How often will I need to fill my water feature?

Over time, the water level in your water feature will recede. This is due to evaporation, and the speed at which your water feature will need to be filled depends greatly on your environment- the humidity, if your water feature is in the sun, how often you run the water feature, etc. We recommend checking the water level before running the water feature to insure the pump is submerged in water.

My pump is making a loud noise. How do I fix that?

1. Be sure the pump is fully submerged in water. If it is not, and pulling in air, it will make unwanted noise.
2. Check to make sure the pump is not touching the water feature anywhere other than the bottom. If it is up against the side wall or another part, the vibration from the pump can cause unwanted noise. If moving the pump away from other parts does not work, try placing a sponge or other soft material between these areas to pad the pump.

How do I change my pump speed?

You cannot adjust the pump speed.

NSD10046 ASSEMBLY INSTRUCTIONS

FREQUENTLY ASKED QUESTIONS CONTINUED

How do I level the water feature?

For the water to flow properly, it is critical the water feature is level. If your water feature will be placed in an area with uneven ground, use a level and leveling shims to help level the water feature. Shims are wedge-shaped plastic parts that can be placed between the water feature and the ground to create a level surface.

My tube is too long. What can be done to fix this?

The hose can be cut with a sharp blade or pair of scissors to the desired length.

SOLAR:

How long should I expect the water feature to run off of the solar panel?

The rechargeable battery should last up to six hours with a full charge. Performance is directly related to the amount and strength of sunlight received. Solar fountains will perform best in the summer months.

Can lights be turned off separately from the water feature?

The lights on solar fountains cannot be turned off separately.

Does the solar panel have to be attached to the pump to charge?

No. Placing the solar panel anywhere in the sun will allow for charge.

Can solar fountains be converted to plug-in?

Currently our solar product cannot be converted to AC, however you can purchase an optional accessory: (Model# AC CHARGER) from our customer support line. You can connect the AC charger to the green battery connector on the solar panel and then plug the AC charger into an outlet to charge the solar panel battery. The AC charger has a 15' cord.