Each Sky fountain sign gives the cost, dimensions, and number of people required for delivery.

**WHAT ARE THE FOUNTAINS MADE OF?**
The self-contained fountains manufactured by Campania, Al's Garden Art, or Henri are made of high-density concrete, also called cast stone. The faux basalt columns are made of ferro-cement. The glazed fountains from Pacific Home and Garden are made of frost proof ceramic. We also carry a selection of actual stone fountains.

**WHY DO SOME OF THE FOUNTAINS HAVE RESIDUE ON THEM?**
Cast stone products will age naturally over time as they are exposed to the elements. Most of the patinas do not contain any chemical sealers and are intended to create the illusion that the cast stone has already begun its natural aging.

Part of the natural aging cycle for all cast stone material is a chemical reaction between salts found in natural materials and water. This reaction is called efflorescence. The degree of efflorescence will vary depending on weather conditions. When Mother Nature produces rainy, cold, windy weather, the calcium carbonate (salt) contained in the raw materials used to make cast stone will be drawn to the surface and will appear as a chalky white residue on the surface of the piece. This residue will disappear as more of the same weather conditions complete the efflorescence cycle and will disappear as the chalky white residue washes away. The efflorescence process occurs only once. Efflorescence can be cleaned up if desired with a soft brush and white vinegar.

Other than efflorescence, iron oxidization is another natural occurrence that may appear on a small number of products. The raw materials used as ingredients for cast stone contain minimal levels of iron. When iron reacts with water a powdery pink or orange residue can appear.

Finally, bowls and basins in use are continually wet, so algae can grow. A gentle cleaning of your product with a soft cloth and rinsing (no soap!) will help to minimize build-up. We also carry a product called FOUNTEC. Using this in your fountains or bird baths will greatly reduce algae build-up on surfaces and in the water.

**WHAT IS INCLUDED IN THE FOUNTAIN COST?**
The pumps, tubing, stoppers and all necessary parts are included with the self-contained fountains and the table top ceramic and stone fountains. The basalt columns, large ceramic fountains and large stone fountains require additional components sold individually.

**DOES SKY DELIVER FOUNTAINS?**
Sky Nursery does deliver fountains to many neighborhoods, but we do not place them or set them up. Our delivery charge for curbside delivery is based on your location and the number of people required to safely unload your fountain. Have a sales associate check your address with Sky's office to determine your basic delivery charge. If your fountain requires one person to deliver, this would be the total delivery charge. If your fountain requires 2 or 3 people to unload, multiply your delivery charge by 2 or 3. All fountain signs tell how many people would be
WHAT ABOUT WINTER CARE OF FOUNTAINS?
We recommend that you drain your fountain and remove the pump. If water is left in the pump and it freezes, there is a possibility that the pump will crack. All the fountains we carry are made to withstand our normal winter conditions if drained. However, we do recommend that you cover your fountain with some type of material to provide additional protections. We carry actual fountain covers as well as frost protection cloth.

WHAT DO I NEED TO SET UP MY FOUNTAIN?
SITE PREPARATION
As many of the fountains are heavy in themselves, and a system with a basin will be heavier, it is important that you make sure your area is ready to accommodate the weight. If the fountain base will be below ground or on top of soil, utilize 5/8” minus gravel to give proper drainage and a level surface. Spread level and compress 4 inches of the gravel. If the fountain or basin is above ground, but on soil, utilize the gravel and then place a concrete paver(s) on the site to keep water from settling around the base. If the product will be placed on a patio, we recommend utilizing pavers or stone to raise the base off the ground to protect the base and provide easy access to the cord. If on a deck, make sure the deck can support the weight of the fountain filled with water, and again, raise the base with pavers. See Fountain Installation Checklist for more details on site preparation and considerations for placement of your fountain.

SETTING UP FOUNTAINS
Most self-contained fountains are extremely easy to set up. Power, a water source, and a proper surface are all that is needed. The weight of larger pieces may be the only difficulty.

Larger fountains and basalt columns are a bit more involved since they have multiple components (see below), but still can be done by homeowners without much difficulty. Again, the major concern can be the weight of the pieces. If you have a group of people to help you carry and position the pieces, talk with one of our fountain experts who can walk you through the process.

Sky also has two companies we recommend for fountain installation. See our Fountain Installation Checklist for the names and to see what you will need to do and consider before scheduling an installation.

BASALT COLUMN/LARGE STONE/LARGE CERAMIC FOUNTAIN COMPONENTS
Basins: Each basalt column fountain, large ceramic fountain, and large stone fountain requires a basin underneath for catchment and recirculation. We carry a number of different sizes of basins. These can be buried or sit above ground. The larger sizes are typically used for more than one basalt column or for a very wide fountain.

Pumps: remember, the lower the pump size, the less water volume. Higher pump size, more
water volume. More volume, more splash. Consider a larger basin or make sure the area around the fountain won't mind getting wet.

BASALT COLUMN FOUNTAIN COMPONENTS:
Below are GENERAL guidelines for components needed to set up your Basalt Column fountain system:
16-22” column – 250-350 Gallons Per Hour pump
28-36” column – 350-500 GPH pump
42-54” column – 500-900 GPH pump
3 Column Styles, use largest size pump indicated for height for best waterfall effects.

MULTIPLE (SEPARATE) COLUMNS:
If installing more than one column, you can use multiple pumps (one per column, using the guide above), or increase pump size. If using one pump for more than one column, you will need to purchase one of our diverter components. Again, GENERAL guidelines:

2 Columns – 750-900 GPH
3 Columns – 1200-1800 GPH

You will also need:
1- 1 ½” x ¾” bushing. This connects the pvc tubing in the column to your barb adaptor.
1-¾” male barb adapter. This screws into the bushing component. Your tubing is attached to this. Enough ¾” tubing to go from column to pump, with a bit extra for pump access.
1-Pipe clamp to attach tubing to pump.

-RECOMMENDED BUT NOT REQUIRED-
2- ¾” male barb adaptors
1- ¾” ball valve OR 1- ¾” bar ball valve

We recommend installing a valve inline with your fountain tubing to be able to easily adjust the flow of water.

LARGE CERAMIC FOUNTAINS
All ceramic fountains are plumbed with 5/8” tubing. Depending on the pump size, the size of the outlet may be different. Make sure you are purchasing the proper tubing size to fit both pump and fountain.

Below are GENERAL guidelines for the materials you will need to set up your fountain:

-Appropriate pump size for your fountain. These should be listed with each fountain.
-Enough 5/8” tubing to go from pump to fountain tubing with room to move pump around.
-pipe clamps to attach tubing to pump and/or valves
RECOMMENDED BUT NOT REQUIRED
2 - ½” male barb adaptors
1 - ½” ball valve OR 1 - ½” inline t-valve

We recommend installing a valve inline with your fountain tubing to be able to easily adjust the flow of water.