FT-427 Embarcadero Fountain
Assembly Instructions

Fountain Information:

- Professional installation is recommended for this fountain!
- This fountain holds approximately 75 gallons of water.
- This fountain does not fit under a Campania fountain cover.
- Compatible with #7 Refill Device and LED kit
- A special stopper is required to use the refill kit for this fountain

Pump Information:

52352 - 2300GPH Pump (16 ft. cord length)

Tools Required:

Bubble Level

Proudly MADE IN USA

Fountain Components

Image	Item Description	Component Item #	Quantity
	Embarcadero Fountain - Plate	FT-427A	1
	Embarcadero Fountain - Plate Base	FT-427B	1
	Embarcadero Fountain - Pump Cover	FT-427C	1
	La Riviere Fountain - Coping 1	FT-416F	1
	La Riviere Fountain - Coping 2	FT-416G	1
	La Riviere Fountain - Coping 3	FT-416H	1
	La Riviere Fountain - Coping 6	FT-416I	1
	La Riviere Fountain - Coping 5	FT-416J	1
	La Riviere Fountain - Coping 4	FT-416K	1
	Rectangular Fiberglass Basin - 6' x 3'	FGB-2266	1

Pump Kit Parts List

Image	Component	Quantity
	PK2300 (remove any adapters already attached to the pump)	1
Pump Adapter and Flow Valve		
	1-1/4" x 3/4" PVC Reducer Bushing	1
	1-1/4" PVC Female Adapter	1
	1 1/4" of 3/4" PVC pipe	1
	Ball-Valve adapter	1
	#7 Stopper	1
Pipe Assembly		
	16-1/2" of 1" PVC pipe	2
	13-1/2" of 1" PVC pipe	2
	2-1/4" of 1" PVC pipe	2
	1-1/2" of 1" PVC pipe	2
	1-1/4" of 3/4" PVC pipe	1
	1" PVC elbow	4
	1" x 3/4" x 1" PVC T connector	4
	12-1/2" of 3/4" PVC pipe	3
	14" of 1" copper pipe	3
	Wedges	22

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Professional installation is recommended for this fountain! Assemble your fountain on a level surface using crushed stone, gravel, or cement pad as the base.

Fountain Set-Up:

Assembly & Installation - A fountain can be difficult to install without knowing and understanding the steps involved. To ensure your fountain is installed properly, please read our instructions and tips before you begin.

Step 1 - Seek Professional Help: Check if professional installation is recommended for your fountain.

Step 2 - Check Foundation: Place your fountain on a level surface. It is recommended to place your fountain on concrete or a hard packed gravel pad. If the base is level but some components seem off, rotate components or use wedges to level them.

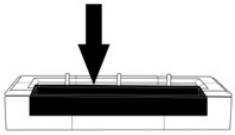
Step 3 - Create a Drip Loop: To prevent water from dripping down the cord and damaging the electrical socket, create a drip loop by allowing the pump power cord to fall below the wall outlet.

Step 4 - Use a GFCI Outlet: Use only a GFCI outlet when running a fountain.

Assemble your fountain on a level surface capable of holding a minimum of 2,440 lbs with an approximate 30" sq. ft. footprint (actual dimensions 85.7" x 50").

Step 1 - Place the fiberglass basin where the fountain is to be installed.

Step 2 - Assemble the pump kit:



FGB-2266 (116 lbs)
71.75"L x 35"W x 12.25"H

2a - Attach the pump adapter to the pump with the water controller facing right.

2b - Place the stopper around the pump cord approximately 3 ft. from the pump.

Step 3 - Feed the pump cord through the hole in the basin (FGB-2266) and the channel.

Step 4 - FIRMLY press the stopper into the hole evenly.

4a - NOTE: Using the handle of a screwdriver or hammer works best to press the stopper in place.

Step 5 - Loosely wrap cord up in the center of the basin.

Step 6 – Insert the three 3/4" PVC pipes into the Pipe Assembly so that they sit vertically.

Step 7 – Fit the three 1" copper pipes over the vertical PVC pipes.

Step 8 – Place the Pipe Assembly into the basin (FGB-2266) with the vertical pipes centered.

Step 9 – Connect the pump to the small side pipe of the Pipe Assembly by fitting the pump adapter over the small side pipe.

9a – The pump should have the basket facing left and flow valve pointed upward.

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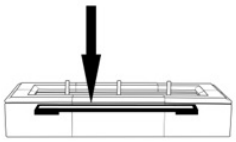
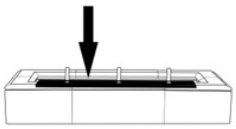
Assembly Instructions



FT-427B (56 lbs)
44"L x11"W x 4.25"H

Step 10 – Place the plate base (FT-427B) over the Pipe Assembly with the pump outside of the base.

10a – There is a shorter side of the base plate with an indent in the center. This area fits over where the pump and Pipe Assembly meet.

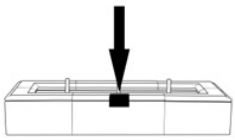


FT-427A (91 lbs)
46"L x 12"W x 2"H

Step 11 – Carefully lower the top plate (FT-427A) over the vertical pipes of the Pipe Assembly and onto the plate base (FT-427B).

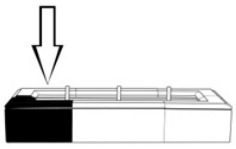
Step 12 - Fill the fountain with water.

Step 13 - Adjust the ball valve on the pump adapter to change the water flow to the desired height.

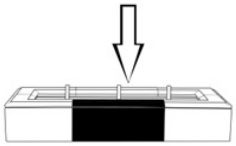


FT-427C (26 lbs)
15.5"L x 8.5"W x 7"H

Step 14 – Place the pump cover (FT-427C) over the pump and against the side wall of the basin.



FT-416F (268 lbs)
FT-416H (268 lbs)
FT-416I (268 lbs)
FT-416J (268 lbs)
25.25"L x 25"W x 15.75"H



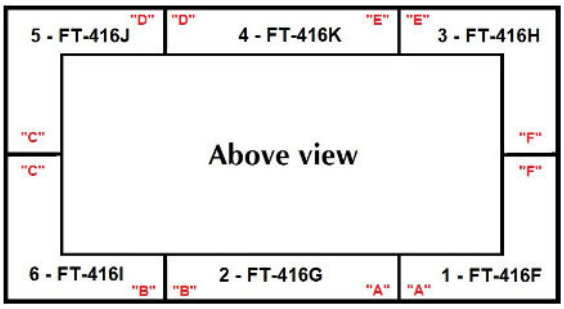
FT-416G (227 lbs)
FT-416K (227 lbs)
35.25"L x 9.5"W x 15.75"H

Step 15 – Position the copings about 6 inches from the basin.

15a – Each piece of coping has a letter, "A," through "F" on the upper corner where they meet. These are in place to allow for the copings to be matched up next to each other. There are also numbers etched inside each of the copings.

Refer to the drawing below for coping placement.

Note: The numbers etched inside of the copings are for indentification purposes.



Step 16 - Carefully push each piece, one at a time, toward the basin until all copings are sitting together and overlapping the top rim of the basin.

Maintenance:

Pump Care - The fountain relies heavily on the quality of the pump. A well-maintained pump can last several years.

Step 1 - Fully submerge: Ensure the pump is fully submerged at all times to avoid damage.

Step 2 - Ensure water level is sufficient: Check water levels regularly as water may evaporate over time, and periodically change water to avoid algae buildup.

Step 3 - Clean pump: Use soap and water, or white vinegar and water, with a small, soft brush to clean the pump of debris, dirt, and algae buildup. This should be done every 2-3 months.

Surface Care - Paints and finishes may fade over time due to weathering. By following these tips, you will be able to maintain your fountain's surface.

Step 1 - Control Algae and White Scale: Due to water evaporation, you may see white residue on your fountain surface from the mineral content in your water supply. Algaecides and cleansers can help prevent buildup that occurs from minerals and hard water.

Step 2 - Protect and Refinish: Depending on the material of your fountain, protectants and sprays may prolong the appearance of the surface. Paint and refinishing kits can be used for touch-up.

Winter Care - Many materials used to produce fountains can expand and contract in different temperatures/humidity levels. If the temperature falls below 32°F or humidity levels change drastically, follow the steps below to protect your fountain.

Step 1 - Bring inside: If possible, bring your outdoor fountain inside for the winter.

Step 2 - Store in dry location: If unable to bring inside, store your fountain in a dry and covered location.

Step 3 - Bring components inside: Move all internal components (stoppers, tubing, lights, pump, etc) inside. *A pump can stay in a fountain for the winter, but if you choose to leave it in, it must be completely dry and insulated with plastic bags and towel to ensure it stays dry. However it is recommended to bring it inside.*

Step 4 - Completely drain: It is important to prevent water from accumulating anywhere, as freezing and thawing of water can cause pump damage and cause cracks to form in your fountain. Remove the drain plugs.

Step 5 - Elevate Fountain: Fountains may freeze to the ground and cause cracking in the base if left outside in the winter. If unable to store inside or in a dry covered location, try to raise your fountain above ground.

Step 6 - Cover Fountain: Make sure to use a breathable material when covering. **DO NOT COVER IN PLASTIC!** Make sure the fountain cover is taut so that no snow or water can pool in the cover. Tie the opening at the bottom of the cover around the fountain.

Troubleshooting:

Pump Not Working - When operating the pump for the first time, it can take a few minutes before water begins to flow properly. If it is still not working after a few minutes, please follow our troubleshooting tips below. **Before troubleshooting, UNPLUG YOUR PUMP.**

Step 1 - Submerge Pump: Ensure your pump is fully submerged in water at all times to avoid pump damage.

Step 2 - Manual Check: If the pump cover is removable, try removing the cover to access the impeller area. Turn the rotor to ensure it is not broken or jammed.

Pump Noise - Some sound from the pump may be normal, but you can follow these tips to reduce sound or resolve abnormal noises.

Step 1 - Submerge Pump: Ensure your pump is fully submerged at all times and clean of debris, dirt and algae buildup.

Step 2 - Check Location: You may hear the vibration of the pump touching the side walls of the fountain. Make sure the pump is only touching the bottom.

Step 3 - Check Flow Rate: Too low of a flow rate might cause spews or burps.

Water Flow Rate - Some fountains come with a dial or valve to adjust the flow rate, but if you do not have this option or if you are still unsatisfied with your flow rate after changing the settings, check out our tips below.

Step 1 - Adjust the Water Level: Insufficient water levels can affect water intake by the pump. Check the fountain instructions to ensure the appropriate water capacity for your fountain.

Step 2 - Check for Kinks: Check to make sure the tubing is not kinked. Kinks in the tubing can slow or halt the flow of water.

Step 3 - Clamp the Hose: To slow the water flow, try clamping the hose with a hose clamp or zip-tie.

Splashing - Having trouble with splashing? Some splashing is inevitable, especially when you first turn on your fountain, but if you are experiencing excessive splashing, try our troubleshooting tips below.

Step 1 - Adjust the Water Level: Ensure the pump is fully submerged, but avoid overfilling your fountain.

Step 2 - Flow Rate: If your pump includes a dial or valve to adjust the flow rate, try changing the settings to see if it affects splashing. If your pump is not adjustable, check our Flow Rate section to learn about other ways to change the flow rate.

Step 3 - Adjust Position: Try arranging stones or placing a splash guard, at the fountain base. You can also place a screen in the basin.

Leaking - If your fountain is leaking, check these quick tips on how to fix it.

Step 1 - Adjust the Water Level: Your fountain may leak if it is too full.

Step 2 - Check Tubing: Check that the tubing is attached completely and correctly.

Step 3 - Check Stopper: Ensure stopper is completely seated in the fountain. You can also use 100% pure clear silicone to ensure a proper seal is achieved

Step 4 - Cracking: Your fountain may be cracked from improper winter care; see Winter Care in Maintenance Tips.