



MASSARELLI'S®

MAKERS OF FINE STONE GARDEN ACCENTS

SET UP INSTRUCTIONS

3774 – 76" VOLTERRA COLUMN FOUNTAIN ON 6' HEX POOL

Open bag containing the pump kit **P180005**. In the kit you will find:

1 – 02728 (1800 gallon per hour pump)	1 – 2" x 3/4" red bush (SPIG x FIPT)	2 – hose clamp
1 – 1" clear tubing 30" long	1 – 3/4" barb adaptor (NPT x BARB)	3 – tube of silicone
1 – 3/4" clear tubing 1 1/2" long	1 – #13 rubber stopper 1 hole	6 – copper drip edge
1 – 2" coupling (SOC)	1 – 2" PVC pipe 17" long	

1. Prepare a **level** base of 4" poured concrete or 6" compacted crushed limestone. The fountain pool has an outside base diameter 84".
2. **Before you position the fountain pool.** Find the pump and run the plug end of the power cord down the PVC insert located in the center of the fountain pool. Leave 24" of slack on the power cord from the pump to the PVC insert.
3. Find the rubber stopper and a tube of silicone. Fill the hole in the rubber stopper with silicone. Slip the rubber stopper onto the power cord of the pump about 24" from the body of the pump with the smaller end facing away from the pump. Apply silicone around the inside edge of the PVC insert in the center of the pool and the outside edge of the rubber stopper. Insert the rubber stopper snugly into the PVC insert in the center of the pool. Apply more silicone on top and around the rubber stopper and power cord. **Don't skimp on the silicone you want a watertight seal.**
4. Retrieve the power cord from under the fountain pool and place the power cord in the groove in the bottom of pool. Position the fountain pool in the center of the area where the fountain is to be displayed.
5. **This step is done for you.** Find the 2" X 3/4" reducer bushing (SPIG x FIPT) the 3/4" barb adaptor (NPT x BARB) and the 2" coupling (SOC). Screw the threaded male end of the 3/4" Barb Adaptor (NPT X BARB) into the threaded female end of the 2" X 3/4" reducer bushing (SPIG x FIPT). Apply silicone (or PVC glue) then insert the slip end of the 2" X 3/4" reducer bushing (SPIG x FIPT) into the 2" coupling (SOC).
6. Find the piece of 3/4" clear tubing 1 1/2" long and slip it onto the barbed end of the 3/4" Barb Adaptor (NPT X BARB). Find the piece of 1" clear tubing 30" long and a hose clamp. Slip one end of the 1" clear tubing over top of the 3/4" clear tubing and connect with a hose clamp.
7. Find the pump house and position in the center of the fountain pool. Find the two plain center column pieces and position the first plain center column piece on top of the pump house. Position the second plain center column piece on top of the first center column piece. Find the center column top piece with the six rectangular openings. In the base of the center column top piece there is a PVC insert. Clean any tape and/or dirt from the PVC insert.
8. Place the center column top piece on top of the center column. Carefully move the center column top piece slightly off center so you can get your hand underneath to connect up the tubing assembly. Holding the tubing assembly by the 2" PVC pipe lower the assembly inside the center column of the fountain. Insert the end of the 2" PVC pipe into the PVC insert located in the base of the center column top piece. Push the end of the PVC pipe into the PVC insert until it bottoms out. Position the center column top piece on top of the center column.



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9. Find the six copper drip edges and a tube of silicone. In the center column top piece there are six rectangular openings. Apply a bead of silicone inside one of the rectangular openings the full length of the opening. Insert a copper drip edge into the rectangular opening from the outside of the fountain lining up the edge of the drip edge with the inside edge of the rectangular opening. Firmly press down on the copper drip edge to make a watertight seal. Repeat 5 more times. Find the drain plug and insert snugly into the drain insert located in the center column top piece. Remove any tape and or dirt from the drain insert before you insert the drain plug. Find the center column cap and position it on top of the center column top piece.
10. Connect the opposite end of the 1" clear tubing to the outlet side of the pump with a hose clamp. If necessary, trim the length of the 1" clear tubing.
11. Find the two drain plugs and insert them snugly into the two drain inserts located in the pool. Remove any tape and or dirt from the drain insert before you insert the drain plug. If necessary use silicone on and around the drain plug to seal. Find the pump house plug and position it in the opening in the pump house.
12. Fill the fountain pool with tap water and plug pump into a 110VAC GFCI protected outlet.

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