

INSTALLATION

Fountains can be divided into several distinct types based on the number, shape, and quantity of components.

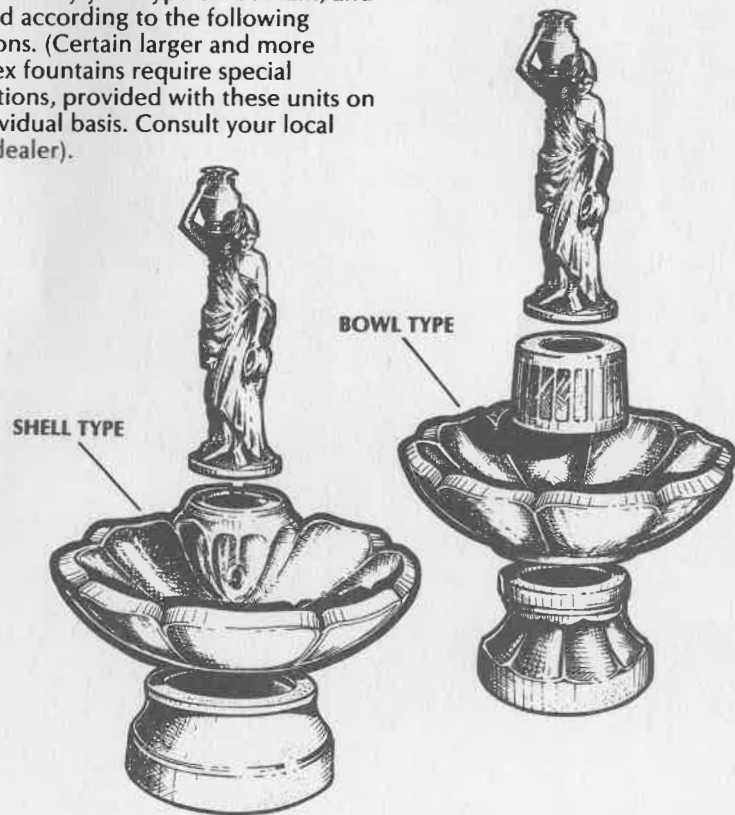
There are two types of water receptacles: shell and bowl. With a shell, the fountain statue is placed at the back, over the cavity where the pump is located. With a bowl, the fountain statue is centrally located usually on a small "pump housing" pedestal. "Shell" fountains, since they have a "back" side, are ideal for corner and wall placement. "Bowl" fountains are visually effective from all sides, and so can be placed centrally in courtyards, patios, entryways, and so forth.

In all cases, the fountain pedestal must be set in a firm, level position. This is essential for overall stability, as well as for an even flow of water. In almost all cases, firm, level ground is all that is required. Optionally, a concrete patio block may be used, or a permanent concrete pad poured. In any case, the fountain must be level and stable.

No plumbing lines are needed, of course, since Henri fountains employ submersible, recirculating pumps. You will need a properly grounded 110V (A.C. only) GFCI protected receptacle near the fountain site. Consult your electrician so your outdoor line is safely installed according to local codes and regulations.

Finally, your fountain site should be accessible with your garden hose, so that replenishing and rinsing your fountain is as easy as watering your flowers.

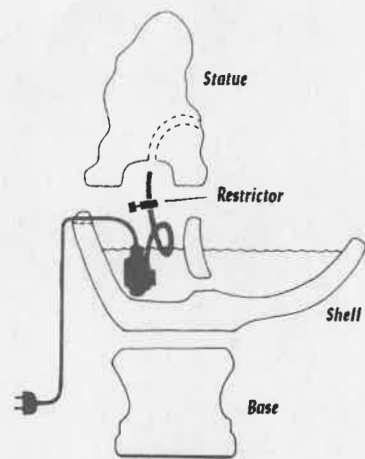
Shell type fountains are described in detail on the following pages in illustrations A and B; bowl types in illustrations C, D, and E. Identify your type of fountain, and proceed according to the following directions. (Certain larger and more complex fountains require special instructions, provided with these units on an individual basis. Consult your local Henri dealer).



FOUNTAIN ASSEMBLY INSTRUCTIONS

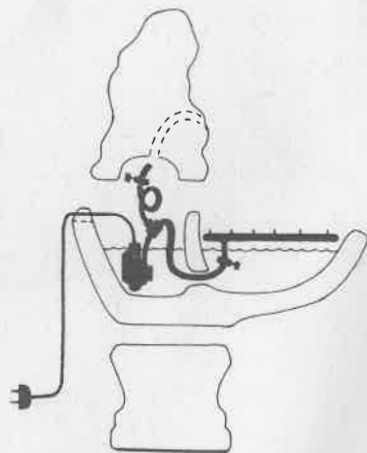
A. BASIC SHELL FOUNTAIN

- Set shell on base in firm, level position.
- Slip flow restrictor clamp on tubing* and attach tubing to pump discharge.
- Place pump (with intake face down or sideways) into shell housing.
- Pass pump power cord out groove at back of shell.
- Loop tubing (to prevent kinks) and attach to bottom of figure.
- Fill shell with water.
- Plug pump into 110V (A.C. only) GFCI protected receptacle
- Adjust water flow with restrictor clamp.



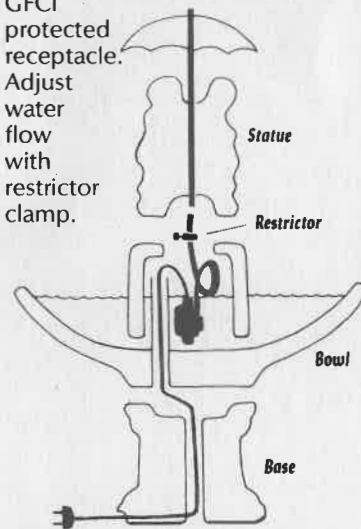
B. BASIC SHELL FOUNTAIN WITH SPRAY RING

- Same as "A" except that a "tee" is used to split the flow of water from the pump to both the figure and the ring.
- Assemble tee connecting with spring clamps, attaching tee to pump with 2" length of tubing. Attach one length of tubing through front of shell housing to figure; attach remaining tubing to figure.
- Complete installation as in "A".



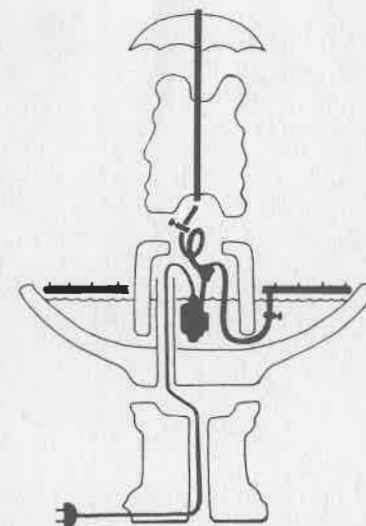
C. BASIC CIRCULAR BOWL FOUNTAIN

- Set bowl on base in firm, level position.
- Slip flow restrictor clamp on tubing* and attach tubing to pump discharge.
- Screw standpipe tightly into bowl coupling.
- Feed pump power cord through pipe and bowl, and out bottom of base at groove.
- Place pump (with intake face down or sideways) alongside of standpipe, and place pump cover over pipe and pump assembly.
- Loop tubing (to prevent kinks) and attach to bottom of figure.
- Fill bowl with water (do not exceed height of standpipe).
- Plug pump into 110V (A.C. only) GFCI protected receptacle.
- Adjust water flow with restrictor clamp.



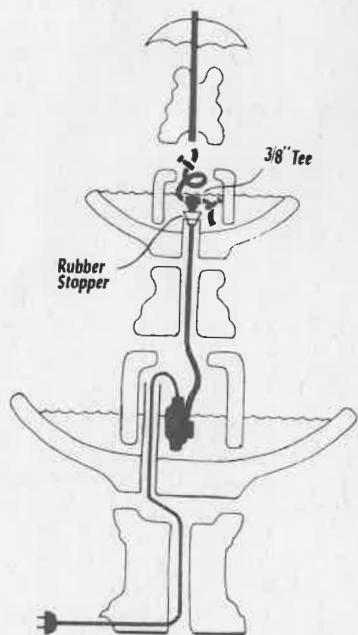
D. BASIC CIRCULAR BOWL FOUNTAIN WITH SPRAY RING

- Same as "C" except that a "tee" is used to split the flow of water from the pump to both the figure and the ring.
- Assemble tee connection with spring clamps, attaching tee to pump with 2" length of tubing. Pass one length of tubing under groove of pump cover to ring; attach remaining tubing to figure.
- Complete installation as in "C".



E. BASIC DOUBLE BOWL FOUNTAIN

- Essentially the same structure as a single-bowl circular fountain, except that the water to the upper bowl is force-fed with a tee connection.
- Place large bowl on large base in firm, level position.
- Screw standpipe tightly into coupling of bowl.
- Feed pump power cord through pipe and bowl, and out groove at bottom of base.



- Attach 5' length of tubing* to pump discharge, and place pump (With intake facedown or sideways) alongside of standpipe.
- Place larger pump cover over pipe and pump assembly.
- Place riser pump cover over pipe and pump assembly.
- Place riser and small bowl on pump cover, pulling tubing through each (tubing must be kept straight and free from kinks).
- Slip rubber stopper over tubing and fit snugly into center pipe of small bowl.
- Attach tee connection to tubing above rubber stopper.
- Place smaller pump cover over the assembly.
- Attach looped tubing to figure; remaining tubing is unattached.
- Fill both bowls with water.
- Plug pump power cord into 110V (A.C. only) GFCI protected receptacle.
- Adjust water flow to either bowl or figure with restrictor clamps.

WINTER CARE



Extreme and rapid changes in temperature and humidity affect all concrete adversely. Concrete has an inherent tendency to expand and contract with climatic conditions (a phenomenon taken into account by experienced masons who employ expansion joints – like those “lines” in the sidewalk).

Your Henri cast stone products have been manufactured with weather in mind. The concrete mix contains fiber and mechanical additives which enhance the elastic qualities of the concrete. Occasionally, normal, unarmful surface shrinkage cracks may sometimes appear – but your Henri cast stone products will not crack due to weather if these simple rules are followed:

1. **Do not allow water to collect and freeze in fountain bowls or shells!**
2. **Do not allow water to collect and freeze in planters, saucers or birdbaths!**
3. **Do not allow statuary or pedestals to sit in a pool of ice!**

Cast stone products left exposed to icing conditions may shale or crack due to the mechanical force of water solidifying and expanding along the concrete surface.

Important: If your Henri fountain, birdbath, planter or statuary cannot be stored indoors during the winter season, you must at least protect it from ice collection or exposure.

“How-To” protect your Henri cast stone products during the winter season: For fountains, first remove the statue and pump, storing them inside if possible. Next, fill the bowl(s) or shell(s) with an absorbent material such as Henri Underlay, burlap bags, blankets, etc. Then, cover the entire fountain with a Henri Fountain Cover. Should condensation droplets form on the inside of the cover, they will be absorbed by the material.

For birdbaths, planters or statuary set the pieces on high ground where a pool of ice will not form, and then cover with a Henri Fountain Cover.

By following these simple and sensible precautions during the winter season, you will protect your Henri cast stone products for years of beauty and enjoyment!

GENERAL MAINTENANCE

Little or nothing needs to be done to protect the finish of natural concrete fountains and statuary. Many people find the inevitable aging and weathering of natural stone to be appealing. But this natural weathering may be impeded, if you wish, by the application of a clear concrete sealer, available from any hardware store.

Henri finished fountains and statuary have been painted with penetrating-sealer type paints, designed to resist the elements for many years. The fountains clear luster may, however, be revived seasonally with a light coat of Henri Sealer Spray.

Should you choose to refinish your fountain after a number of years – whether in the original or a new color – your local Henri dealer can provide you with the Henri Refinishing Kit, complete with all materials and instructions.

To camouflage minor dings, nicks, and scratches, use just a dab of almost any sort of paint. For finishes that employ a black antique effect, use black paint; for lighter antiques, use white. Simply dab the paint onto the scratch, and wipe off the excess. The textured finishes of Henri concrete products “accept” paint easily, and your touchup will blend in invisibly.

Finally, depending upon temperature and evaporation, you may notice a buildup of white residue on the surface of the bowl or shell. Such a buildup is normal and unavoidable in areas with a high mineral content – especially lime – in the local water supply. More frequent rinsing of the fountain and changing of the water will help to minimize the problem.

When the lime buildup finally becomes unsightly, it may be safely and easily removed by using Henri Fountain Cleaner And Lime Remover, available from your local Henri dealer. This product is not a water additive, but a surface cleaner specifically designed to foam away lime residue without affecting the fountain surface. Be sure to follow all directions for cleaning specified on the bottle.

To keep fountain water clear from unsightly sludge, algae and cloudiness simply use Henri Water Clarifier. Henri Water Clarifier can also be used to help prevent fountain water from becoming dirty, and it will also improve filter efficiency in your Henri submersible pump.

Do not use Sealer or Lime Remover on finishes that are stains rather than paints.



TROUBLESHOOTING

1. Fountain is assembled and pump plugged in, but the fountain isn't running.

Check: Is electricity to receptacle activated?
Is restrictor clamp on tubing over-tightened?
Is foreign matter obstructing the pump intake?
Is tubing kinked at any point?
Is there an “air lock” in the pump itself?
Plug and unplug the pump several times to clear any such lock.
Is there enough water in the fountain? Add water as needed due to splash and evaporation.

2. Fountain water is dirty or cloudy.

Suggest: Add one or two capfuls of Henri Water Clarifier into the water.
Rinse the fountain and replace the water supply as often as possible.
Use Henri Fountain Cleaner to remove lime deposits.

3. Fountain finish is fading with age.

Suggest: Apply a light coat of Henri Sealer Spray.
Refinish completely with Henri Refinishing Kit.



To protect the finish, tubing, and other parts, do not use chlorine or other harsh chemicals like TSP or CLR.