

Robinson Iron

Fountain Installation Instructions

General

- Use extreme caution while uncrating fountain. Cast iron is *not* unbreakable.
- The fountain should remain upright at all times. However, should it become necessary to lay the fountain down during installation, it must be done very gently and only for short periods of time.

Pool Recommendations

The diameter and depth of a pool should be determined by the height of the fountain. The following recommendations will prevent excessive water loss due to splash:

1. Pool Diameter

The pool diameter should be roughly equal to the height of the fountain or larger.

2. Pool Depth

A pool depth of 12 inches is generally best for fountains of this nature; a deeper pool with higher walls may be required for interior applications.

3. Water Supply

Water supply may be either fresh water or recirculating. A float valve will keep a fresh water supply pool at a constant level. Recirculating pools need periodic water refills to maintain their operational levels. Care should be taken not to operate a recirculating fountain pump without an adequate water level in the pool.

Types of Pools

1. Masonry

Masonry pools may be constructed in any configuration as long as they conform to the recommended diameter and depth. They are generally utilized with a fresh water supply/float valve arrangement, especially in public installations.

Robinson Iron makes two cast iron outer pool rims in 8'6" and 12' diameters. These rims are purely decorative in nature and, as such, require masonry pool bottoms and sides. Additional information on these items is available upon request.

2. Cast Iron Pools by Robinson

Robinson Iron produces ground basis in 4' and 5' diameters. These are called "Frog and Turtle Basins," gaining their name from the decorative frog and turtle motif used around the rim. These basins are made in a single casting which makes them extremely heavy. They must be handled with a great deal of caution.

"Frog and Turtle Basins" are best used with the decorative lip flush with the ground. A raised planter around the outside edge will often provide added interest.

Maintenance

Robinson Iron fountains can provide lasting beauty indefinitely with a minimum amount of maintenance. The fountain's finish should last several years depending on the severity of weather conditions. When rust appears, steps may be taken to clean and repaint the fountain. (Note: Small amounts of rust should be expected and tolerated.)

Aquatic plants are not recommended for recirculating pools. Decayed plant material tends to promote algae growth, clogging the pump filters. Algae may be prevented with a weak solution of commercially available swimming pool product.

Cold weather and freezing should not hurt the fountain itself. It may, however, cause cracking in a concrete pool. To prevent this, the submersible pump should be cut off in advance and the pool drained. The pump in any case should not be operated in extreme cold.

Lighting

Submersible lighting is perhaps the most flattering to the fountain's overall effect. If this is not desirable, spotlights may be located nearby in an elevated position or at pool level.

